WEICON Adhesive FINDER
www.adhesive-finder.com
The right ADHESIVE in a CLICK

WEICON®

Green Tube®

Compared to conventional plastic cartridges
80% LESS PLASTIC



Catalogue



100% RECYCLABLE
CARDBOARD CARTRIDGE

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German Quality
Industrial grade

V 1.26

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FOCUS TOP ARBEITGEBER MITTELSTAND 2026 Weicon GmbH & Co. KG
Handelsblatt FAIR COMPANY 2025 WEICON GmbH & Co. KG

TÜVRheinland ZERTIFIZIERT
Management System
ISO 9001:2015
ISO 14001:2015
www.tuv.com
ID 9108636595



WEICON App

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WhatsApp-Service

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Tel.: +49 (0) 251 9322-0
Email: info@weicon.de

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WEICON Middle East L.L.C.
Dubai – United Arab Emirates

WEICON Inc.
Kitchener – Canada

WEICON Kimya Sanayi Tic. Ltd. Şti.
Istanbul – Türkiye

WEICON Romania SRL
Budiu Mic (Targu Mures) – Romania

WEICON SA (Pty) Ltd
Muizenberg (Cape Town) – South Africa

WEICON Production GmbH
Schwalmtal – Germany

WEICON South East Asia Pte Ltd
Singapore

WEICON Czech Republic s.r.o.
Teplice – Czech Republic

WEICON Ibérica S.L
Madrid – Spain

WEICON Italia S.r.l.
Genova – Italy

WEICON Colombia S.A.S
Medellín – Colombia

WEICON Australia Pty Ltd
Brisbane – Australia

Dear customers and partners,

Thank you for your interest in WEICON products and solutions.

In our catalogue we present more than 500 specialised products – adhesives, sealants, technical sprays, high-performance assembly pastes, greases and stripping tools. Our products can be used in all areas of industry and trade and in a great variety of applications and processes.

Spotlight on new products
In the 2026 catalogue, we present the Green Tube*, our new packaging for flexible adhesives and sealants, which is significantly more sustainable than previous plastic packaging. We introduce our new solutions in the area of technical sprays and, in the TOOLS section, a set that we have put together specifically for the photovoltaic sector.

WEICON Plastic Metal
We have decades of experience in developing high-performance epoxy resin systems for a wide range of international industrial sectors. These systems are suitable for numerous applications such as adhesive bonds, potting, coating or permanent repairs on various materials.

Customised solutions
In addition to these established solutions, we develop customised systems designed to perform where standard products reach their limits. From extreme temperatures and special loads to specific processing requirements – we create customised epoxy resin solutions to meet almost any challenge.
Where other materials reach their limits, WEICON provides innovative products that deliver the right solution for your specific application. WEICON Epoxy Solutions reliably protects your equipment and systems from wear, failures or chemical damage!

As you can see, WEICON is always moving forward, but one thing is certain:

We at WEICON believe in long-term connections!



Ann-Katrin Weidling
Managing Director

Ralph Weidling
CEO

Management System
ISO 9001:2015
ISO 14001:2015
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Video

* 80 % less plastic compared to conventional plastic cartridges



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* 80 % less plastic compared to conventional plastic cartridges



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** Stripping Tools made from up to 97% renewable materials

Note: Any product specifications and recommendations given herein must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do warrant the continuously high quality of our products being free from defects in accordance with and subject to our General Sales Conditions. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

Technical changes reserved.

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Fast and individual service

- reaction time guaranteed (24h)
- trained specialists
- laboratory service
- individual solutions
- your personal contact person

Strong sales support

- visits to customers of the trading partners
- bonding tests and selection of adhesives
- individual product trainings
- label service
- application videos

Process-oriented organization

- certificate according to DIN EN ISO 9001:2015
- large range of products
- high product availability
- next day delivery
- online support
- certificates and safety data sheets

Worldwide sales network

- diversity of languages, 30 languages worldwide
- eleven branches
- over 1.200 trade partners worldwide
- over 40 exhibitions worldwide
- you find us and our products in 120 countries

FAST. COMPETENT. RELIABLE.











About Us

We Are WEICON

Family-owned since 1947

1947 - 1997

1947
Foundation of P.W. Weidling & Sohn

1950
Move to Engelstraße, Münster

1957
Gerd Weidling joins the company

The company changes to a limited partnership

1958
First participation in the Mining Exhibition in the German city of Essen

1959
First participation at the Hanover Fair

1960
Relocation of the company to Schleebrüggenkamp in Münster

1964
Gerd Weidling takes over the company management

1967
Introduction of the new product line Stripping Tools

1969
New building of the company headquarters at An der Kleimannbrücke in Münster

1987
Ralph Weidling joins the company

Introduction of WEICON-LOCK® Anaerobic Adhesives

1993
New building of the company headquarters at Königsberger Straße 255 in Münster

1997
Start of the cooperation with company Willteco B.V.

First off-shore project:

Securing of the transport of an oilrig in Portugal

2000 - 2011

2000
German Federal Award for Duo-Crimp No. 300 as an outstanding innovative achievement

Ralph Weidling takes over the company management

2002
Change of name from P.W. Weidling & Sohn to WEICON

2004
Start of the cooperation with the German Fraunhofer Institute (IFAM)

2005
Foundation of WEICON Middle East LLC in Dubai, U.A.E.

Innovation Award of the German Industry for WEICON Plastic Metal RFC

2006
Patent for the Pen-Systems

Extension of the headquarters at Königsberger Straße in Münster

2008
Foundation of WEICON Inc. in Kitchener, Canada

2009
WEICON becomes member of the German Adhesives Association (IVK)

2010
Enlargement of the company premises by acquisition of a new 15,200 m² lot

2011
Foundation of WEICON Kimya Sanayi in Istanbul, Türkiye

Set-up of the WEICON Online-Shop

2012 - 2019

2012
Foundation of WEICON Romania in Targu Mures, Romania

WEICON participates in 45 exhibitions all over the world

2013
Foundation of WEICON SA, Muizenberg, South Africa

2014
WEICON Adhesive Finder

WEICON Catalogue

2015
WEICON App

Foundation of WEICON South East Asia in Singapore

1st WEICON International Meeting in Dubai

2016
10-year anniversary of WEICON Pen-System

Foundation of WEICON Czech Republic

Beginning the expansion of the headquarters in Münster

2017
ISO certification

Foundation of WEICON Ibérica S.L

2018
Foundation of WEICON Italia S.r.l. in Genoa, Italy

Completion of the expansion of the headquarters in Münster

2019
WEICON has been exhibiting at Hanover Fair for 60 years

First place top employer among medium-sized companies 2019

2020 - 2026

2020
Expansion of the headquarters in Münster

Expansion of our training laboratory

Reddot winner

Ann-Katrin Weidling joins the company management

2021
Expansion of the adhesive range with focus on epoxy resins

Award "Supplier of the Year 2021" in the field of Adhesive Bonding Technology

2022
Acquisition of the company Jeln GmbH

2023
Renaming of the company Jeln GmbH to WEICON Production GmbH

Patrick Jennings joins the management team

2024
Foundation of WEICON Colombia S.A.S. and WEICON Australia Pty. Ltd.

2025
Sascha Beilmann joins the management team



WEICON Middle East

On March 1st, 2005, our first branch office, WEICON Middle East LLC, was founded in Dubai in the United Arab Emirates.

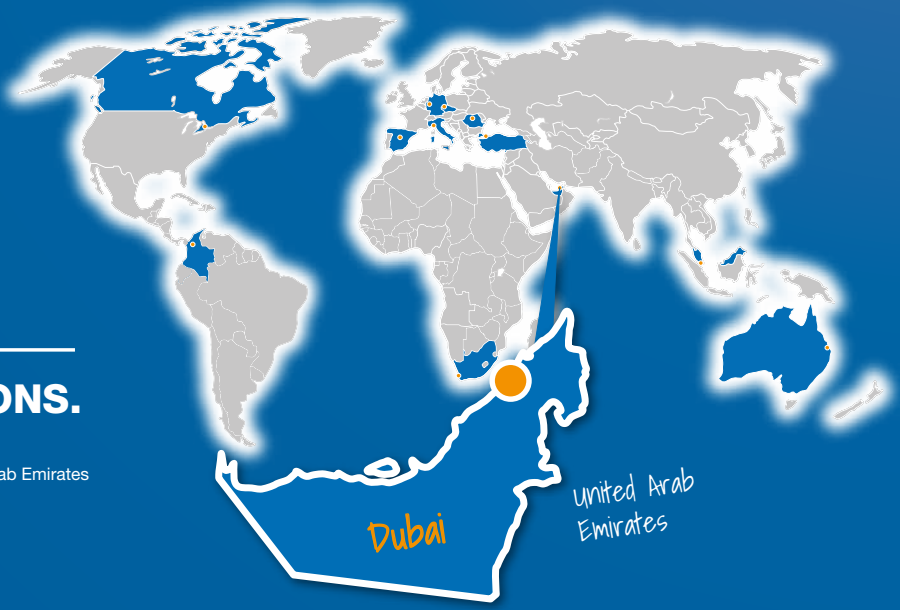
Meanwhile, more than 750 customers are supplied and supported by the WEICON Middle East team. Adhesive specialists, trained at the Fraunhofer Institute in Bremen (Germany), flexibility and extremely short delivery times are just a few of the many strengths of our team in the United Arab Emirates. Even at summer temperatures of up to +45°C, over 1,000,000 different WEICON products have been sold and shipped to our customers in the region.

The following countries are currently supported by the WEICON team in Dubai: United Arab Emirates, Saudi Arabia, Bahrain, Kuwait, Oman, India, and eleven countries in East Africa. The branch office has an area of approx. 1,100 sqm. Up to 150 pallets with WEICON products can be stored in Dubai. This enables us to guarantee that our customers are supplied locally, quickly and reliably with our products.

Thorsten Lutz and his team are responsible for the distribution of WEICON products and the technical support of our customers in the entire Gulf region. The team at WEICON Middle East is made up of twelve employees, six of whom work as field sales representatives.







WE ARE WEICON

SIMPLY FIND SOLUTIONS.

WEICON Middle East L.L.C.
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WEICON Inc.





Since September 1st, 2008, WEICON is represented in North America by WEICON Inc. in Kitchener, Ontario, Canada.

We supply customers in the most important branches of industry of the Canadian economy, e.g. production and manufacturing, mining and the oil and natural gas industry, with our products.

WEICON Inc. has office and storage space of approximately 320 sqm. More than 30,000 WEICON articles intended for our customers in North America are stored here at 50 pallet stations and on additional shelf space.



WE ARE WEICON

SIMPLY FIND SOLUTIONS.

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20 Steckle Place · Unit 20 · Kitchener · Ontario N2E 2C3 · Canada
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www.weicon.ca



WEICON Türkiye

Since April 2011, WEICON has been operating a branch office in Istanbul, Türkiye. WEICON Kimya Sanayi Tic. Ltd.Şti. provides support for our customers on the Bosporus.

With its millions of inhabitants between Europe and Asia, Istanbul is the ideal location for our branch office in Türkiye. Our customers and partners in neighbouring countries are supplied with WEICON products from there as well.

The branch office has a large storage area. This assures that our products are available and enables us to guarantee that customers always receive our products quickly.

The team of the branch office under the leadership of Tolga Aksöz is responsible for providing our customers in the region with service and support.



BIZ WEICON'UZ

KOLAY ÇÖZÜM

WEICON Kimya Sanayi Tic. Ltd. Şti.
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WEICON Romania

Our branch office in Romania was founded in March 2012. In 2013, it has been relocated to a new building.

The registered office of WEICON Romania has been located near Targu Mures in the heart of Romania since November 2013 . Our employees in Targu Mures currently support numerous customers throughout Romania.

The warehouse stocks the whole WEICON product range, which ensures that customers are supplied quickly and flexibly with our products.





SUNTEM WEICON

PUR ȘI SIMPLU SOLUȚII

WEICON Romania SRL
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office@weicon.com





WEICON South Africa



In November 2013, we founded our African subsidiary WEICON SA Pty Ltd. in Muizenberg near Cape Town

Branch Manager, Kyle Farla, oversees a team of eight well-trained employees including sales representatives in Johannesburg, Durban, Port Elizabeth and Cape Town.

This way, we can ensure that our customers receive the best and direct service from our team.

In addition to South Africa, our office in Cape Town also serves the neighbouring countries of Botswana, Zimbabwe, Zambia and Namibia.

Our flexibility and a very short delivery time are our strengths and distinguish us from other competitors on the market.

Our branch has an area of approx. 220 sqm. The warehouse in Muizenberg has space for up to 45 pallets of WEICON products. This enables us to guarantee that our customers are supplied with products quickly and reliably by the WEICON team on site.



WE ARE WEICON

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WEICON SA (Pty) Ltd
Unit No. D1 · Enterprise Village · Capricorn Drive · Capricorn Park
Muizenberg 7945 (Cape Town) · South Africa
phone +27 (0) 21 709 0088
info@weicon.co.za





Since 2015

WEICON South East Asia

WEICON South East Asia Pte. Ltd. – our branch in Singapore.



At the end of 2015, we opened our international branch in Singapore. Majid Bahmani and his team are responsible for the support of our customers in South East Asia.

Our location enables us to quickly react to growing demands and to support the interesting and challenging projects in this region.

Thanks to our team, our on-site warehouse and our network of local distributors, we can ensure fast delivery and personal service.





WE ARE WEICON

SIMPLY FIND SOLUTIONS.

WEICON South East Asia Pte Ltd
7 Soon Lee Street · #01-11 iSpace · Singapore 627608
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info@weicon.com.sg



Since 2016

WEICON Czech Republic

In March 2016, we founded our 7th international branch in Teplice in the north of the Czech Republic.

The Czech Republic is a very interesting market with great economic potential. The country has been a member of the European Union since May 2004. Now, 13 years later, it is one of the most developed industrial nations in Central and Eastern Europe. The Czech economy is strongly oriented towards the industry, in particular the automotive industry, metalwork and engineering, the chemical industry and the food and beverage industry. This provides a strong market for our products.

WEICON Czech Republic s.r.o. is the name of our branch. Its headquarters are located in Teplice, in the north of the Czech Republic close to the Czech-German border. The branch is managed by the local manager Vladimir Dufek.







MY JSME WEICON

JEDNODUŠE NAJDĚTE ŘEŠENÍ

WEICON Czech Republic s.r.o.
Teplická 305 · CZ-417 61 Teplice-Bystřany · Česká republika
phone +42 (0) 417 533 013
info@weicon.cz
www.weicon.cz





WEICON Ibérica S.L.

In early 2017, we founded our 8th international branch in Madrid, the capital of Spain.



The head of our branch, Alejandro González Cámara, and his team are responsible for customer services as well as customer acquisition in the Iberian Peninsula.

Spain is one of the most important European industrial nations and it is very important for us to be present there. Significant economic branches within the state are the foodstuffs, automotive and mechanical engineering industry. These areas are continuously expanding and indicate good growth figures. We benefit from this development through our new branch in Spain.





SOMOS WEICON

ENCONTRAR FÁCILMENTE SOLUCIONES

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Av. de Somosierra 18, Nave 6 · San Sebastián de los Reyes · 28703 Madrid
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Since 2018

WEICON Italia S.r.L.



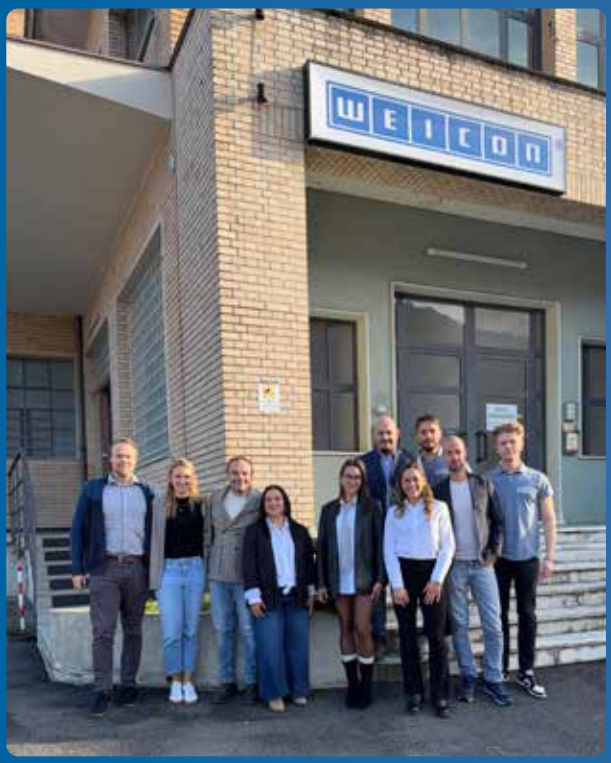
Winner of CresciBusiness Award 2024

In October 2018, we founded our 9th international branch in Italy.

WEICON Italia s.r.l., which is the name of the new branch, is situated in the Italian port city Genoa on the country's northwest coast. By founding our new international branch, we will consolidate and further establish our position in the Italian market.
"We are looking forward to a very promising future in Italy," says Ralph Weidling.

"Italy is a very interesting market for us, which we have been involved in for quite some time now. The country is one of the biggest industrial nations in the world and it is extremely important for us to be present there. Italy's most important economic sectors are the machine, aircraft and vehicle construction industries, the shipbuilding industry as well as the chemical and textile industry, and the manufacturing of electronic products.

Therefore, Italy is a big market for our products. With our new branch in Northern Italy, we want to take advantage of this positive situation," Weidling further explains.



NOI SIAMO WEICON

TROVARE LA SOLUZIONE IN MODO SEMPLICE

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WEICON Colombia

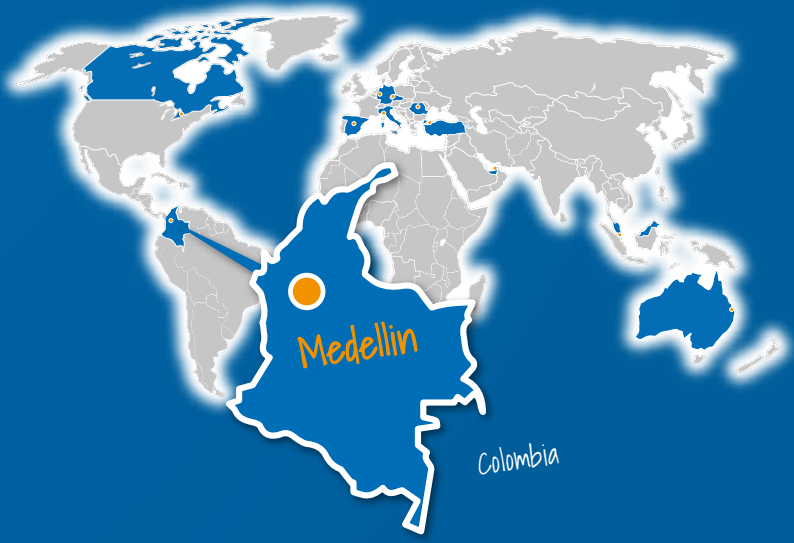
We have had our own branch in South America since 2024 – more precisely at the northern tip of South America, in Colombia.

WEICON Colombia S.A.S, as the new branch is called, is located in Medellín in the north-west of the country. The branch is managed by local managing director Daniel Mesa Saldarriaga.

“We have been working successfully with Daniel for years, as he worked for a technical dealer in Colombia who sells our products. By founding our new branch, we will consolidate and expand our market position. We are looking forward to a very promising future in Colombia,” says Ralph Weidling.

“Colombia is a very interesting market for us, and its economy is growing. Our products can be used in important economic sectors in Colombia, such as mining, the maritime industry and metal construction. The country therefore offers a strong sales market for our products,” explains Ann-Katrin Weidling.





SOMOS WEICON

ENCONTRAR FÁCILMENTE SOLUCIONES

WEICON Colombia S.A.S
Calle 19, 43b-64 · Medellín · Colombia
phone +57 310 837 37 99
info@weicon.co



WEICON Australia Pty Ltd

With the establishment of our eleventh branch in Australia, we are now represented on every continent worldwide.

WEICON Australia Pty. Ltd, the official name of the branch, is based in Yatala, between Brisbane and the Gold Coast, on the east coast of Australia. The branch is headed by managing director Joelle del Rio.

“We’ve been working with Joelle for years. She joined us in Münster in 2020 as a student trainee in our e-commerce department. Two years ago, she emigrated to Australia and set up the online business with our products there. We are looking forward to a successful collaboration with Joelle and her team and to a good start in Australia,” says Ann-Katrin Weidling.



WE ARE WEICON

SIMPLY FIND SOLUTIONS.

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Stapylton · QLD 4207 · Australia
phone +61 (0) 452 553 384
info@weicon.com.au





About us

WEICON Production GmbH

Our WEICON Production plant is located in Schwalmtal on the Lower Rhine. The focus is on research and development in order to offer our customers customised products. To this end, we have been cooperating with various universities and research institutes for years and are constantly expanding our product portfolio.

Speciality products for the industrial sector

Our Schwalmtal plant produces special chemical products such as two-component epoxy resin systems for coating, wear protection and repair work. We develop casting compounds and adhesive systems, such as impact-resistant adhesives and adhesives with approvals for use in the food sector. In total, we have more than 250 formulations that have been developed for a wide variety of chemical products.

Our special products from WEICON Production are used in many areas of industry, such as mechanical engineering, waste water technology, the chemical industry, the marine sector, the paper industry and power stations.

“Thanks to our WEICON Production site in Schwalmtal, we have been able to considerably expand our range of special adhesive systems. This enables us to respond even more closely to the individual wishes and requirements of our customers and to offer them adhesives that meet their needs precisely,” says Ralph Weidling.

“The option of customising adhesives to our customers’ specific applications is in high demand and is the perfect addition to our extensive range of services,” adds Ann-Katrin Weidling.









WEICON

Epoxy Solutions

We have decades of experience in developing high-performance epoxy resin systems for a wide range of international industrial sectors. Our range of coating systems, epoxy adhesives, versatile urethanes and practical repair sticks for quick repairs offers the right solution for any application.



Individually tailored SOLUTIONS

WEICON Epoxy Solutions represents tried-and-tested specialist systems that have been successfully used worldwide across a variety of industries. If no ready-made solution is available, our experts develop a customised version precisely tailored to your specific requirements.







NEW

PLASTIC METAL SPRAY SYSTEM



- ▶ Reliable processing
- ▶ Considerable time savings
- ▶ No risk of clogging



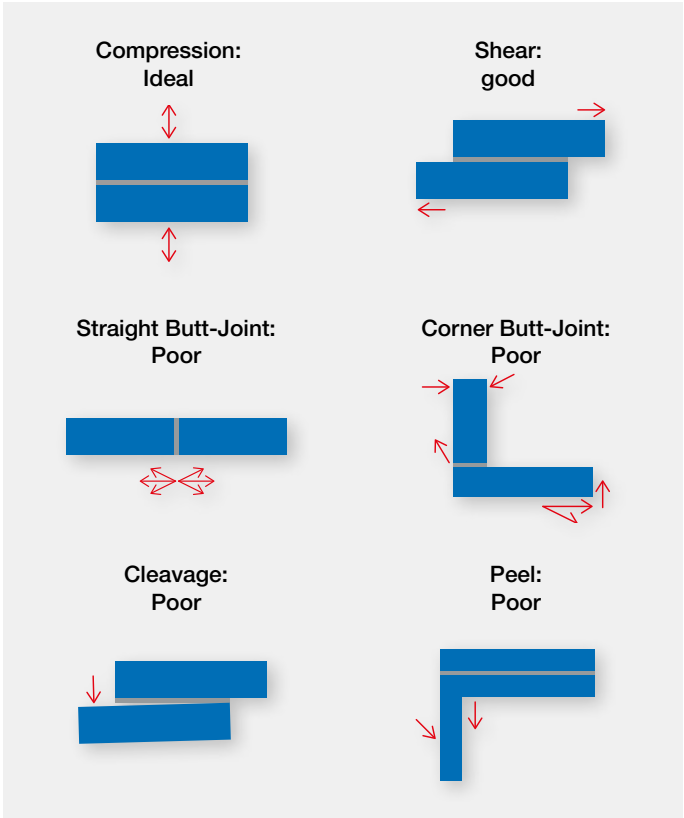
Adhesive Bonding Basics

Design and Construction of Bonding

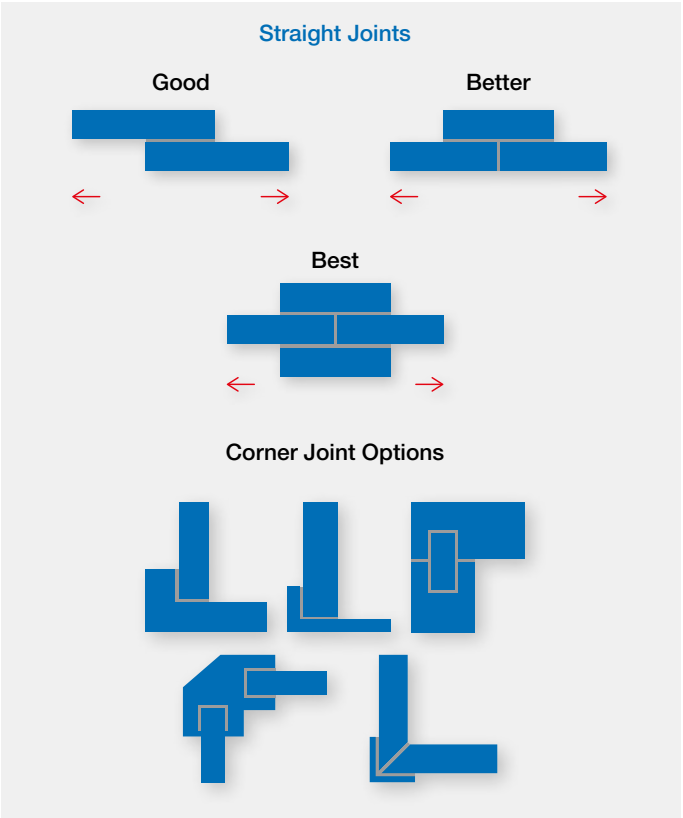
Adhesives are used in all areas of modern industry. Their use improves the quality and efficiency of components, parts and entire manufacturing processes. In addition to adhesion, the design of the joint, the surface preparation, the gap filling ability, the viscosity, the professional use of the adhesive and the conditions of use are important factors for a permanently functional bond.

Joint Designs

Typical Joints



Suggested Improvements





You can find more interesting facts on the topic of "adhesive bonding" here

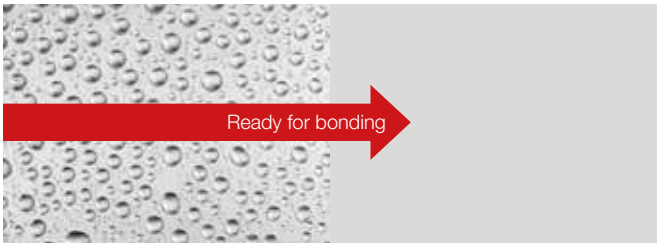
WE explain



Surface Preparation and treatment

Most materials can be bonded without extensive surface pre-treatment. We recommend cleaning each surface thoroughly with WEICON Surface Cleaner before bonding. Depending on the degree of soiling, further cleaning steps should be carried out beforehand. In order to maintain the maximum performance and process reliability of a bond, it may be advisable to treat the surface further after cleaning. This can be done mechanically (by grinding or sandblasting), chemically (by primer or adhesive cleaner) or highly energetically (flame treatment, corona or plasma). Combinations of these processes are also possible. All the methods mentioned serve to change the surface tension to such an extent that the adhesive can wet the surface in the best possible way.

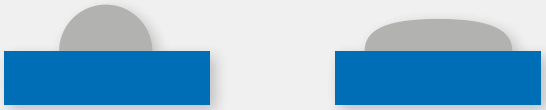
Before After



Surface Treatment

- Solvent wiping
- Mechanical abrasion
- Primers
- Chemical pretreatment
- Corona or plasma treatments
- Flame

Low Surface Energy — **High Surface Energy**

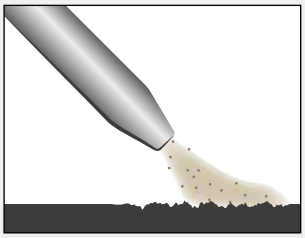


Poor Wetting — **Good Wetting**

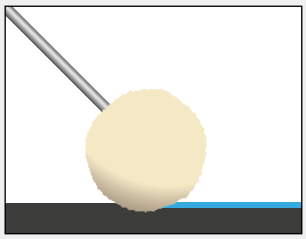
Mechanical abrasion



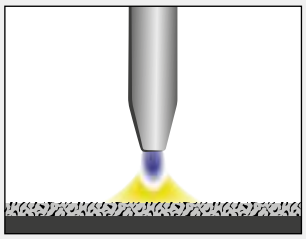
Sandblasting



Primer



Flame/Plasma



Gap Fill and Adhesive Viscosity

The viscosity of the adhesive and the gap bridging are closely related. The higher the viscosity of the adhesive, the greater its ability to bridge gaps. It is important to note the maximum gap bridging for each product. Exceeding this maximum value can weaken the strength of the bond. To help classify viscosity, the following list provides information on everyday substances and their respective viscosities – from very low-viscosity water to high-viscosity peanut butter.

Substance	Water	Milk	Rapeseed oil	SW40 Motor oil	Castor oil	Maple syrup	Wood glue	Honey	Chocolate syrup	Mustard	Peanut butter
Viscosity mPa.s = cP	1	3	85–140	450–650	1.000	5.000	10.000	10.000	25.000	50.000	250.000



Adhesive Bonding Basics

Adhesive Selection

When selecting the most suitable adhesive for an engineering application, a number of factors must be considered. The following tables will help narrow down the options. Our specialists will be happy to help you choose the right product for your needs.

Adhesion					Cured State	
Chemistry	Metal	Glass	Plastic	Composite	Flexibility	Hardness
Anaerobic	excellent	not applicable	not applicable	not applicable	low	rigid
Cyanoacrylate	very good	poor	excellent	good	low to medium	rigid to very soft
Epoxy - 2-Part	excellent	excellent	fair	excellent	low to medium	rigid to very soft
MS Polymer	very good	good	good	very good	high	very soft
Polyurethane	very good	good	fair	excellent	medium to high	semi-rigid to soft
Structural Acrylic - 2 Part MMA	excellent	product-specific	excellent	excellent	medium	semi-rigid

Solvent Resistance			**Temperature Resistance**	
Examples of polar solvents: Water, Ethylene Glycol, IPA, Acetone Examples of non-polar solvents: Motor Oil, Toluene, Gasoline			Products can withstand higher temperatures for brief periods providing the joint is not unduly stressed	
Chemistry	Polar	Non-polar	Standard	High Temp Grade
Anaerobic	very good	very good	150 °C *(300 °F)*	230 °C *(450 °F)*
Cyanoacrylate	poor	good	80 °C *(175 °F)*	140 °C *(284 °F)*
Epoxy - 2 Part	very good	very good	120 °C *(248 °F)*	300 °C *(570 °F)*
MS Polymer	fair	fair	80 °C *(175 °F)*	200 °C *(390 °F)*
Polyurethane	good	good	100 °C *(212 °F)*	-
Structural Acrylic - 2 Part MMA	good	very good	125 °C *(257 °F)*	-
Silicone	good	very good	180 °C *(356 °F)*	300 °C *(570 °F)*

Plastic Metal

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2-Component Adhesives and Sealants

Applications Plastic Metal


Coating of jet pumps for sand backfill
WEICON Ceramic HC 220
WEICON WR2


Coating of a cyclone in the mining industry
WEICON HP
WEICON WP


Centring of two cylinders
WEICON WR


Repair of a ship propeller
WEICON BR
WEICON Ceramic BL

Two-component epoxy resin systems

Add the hardener



Mix resin and hardener thoroughly and bubble-free



Apply mixed components



- providing fast and durable repairs
- bondings
- coatings

Applications

For workshops and maintenance departments in all industries, WEICON Plastic Metal is the ideal product for:

- repairs on aluminium and light alloy
- reconditioning and repairing castings, pipes and tanks
- filling blowholes and microporosities
- working over shafts, sliding bearings, pumps and housings
- welding without preheating (wherever welding is problematic or impossible)

In industrial design and manufacturing, WEICON Plastic Metal is used for making moulds and models, in particular:

- as an aid for making moulds for rubber and injection moulded parts
- making dies
- templates and models for pre-production testing
- lining of cutting tool guides
- making fixing devices



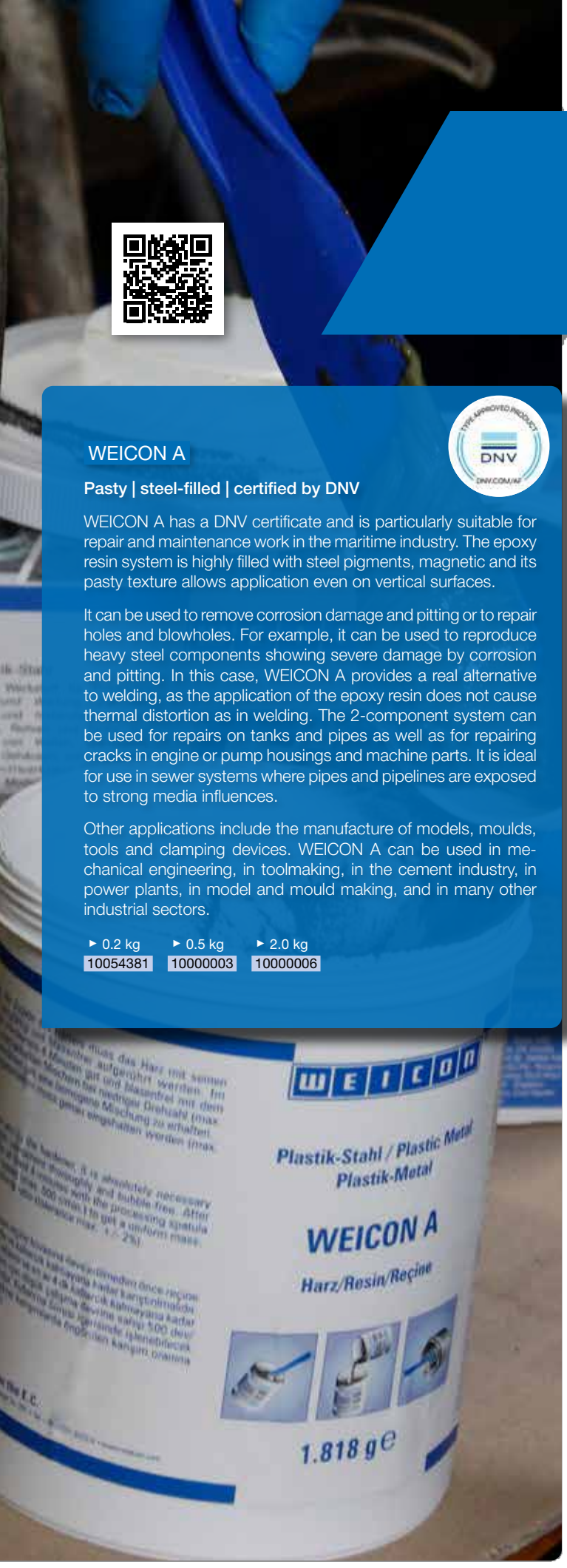
Contour Spatula Flexy

Versatile use, e.g. for coating and processing 2C-adhesives. The spatula is perfect for applying adhesives on large or small surfaces. It is made of wear-resistant polyamide.

10010066



Plastic Metal



WEICON A

Pasty | steel-filled | certified by DNV

WEICON A has a DNV certificate and is particularly suitable for repair and maintenance work in the maritime industry. The epoxy resin system is highly filled with steel pigments, magnetic and its pasty texture allows application even on vertical surfaces.

It can be used to remove corrosion damage and pitting or to repair holes and blowholes. For example, it can be used to reproduce heavy steel components showing severe damage by corrosion and pitting. In this case, WEICON A provides a real alternative to welding, as the application of the epoxy resin does not cause thermal distortion as in welding. The 2-component system can be used for repairs on tanks and pipes as well as for repairing cracks in engine or pump housings and machine parts. It is ideal for use in sewer systems where pipes and pipelines are exposed to strong media influences.

Other applications include the manufacture of models, moulds, tools and clamping devices. WEICON A can be used in mechanical engineering, in toolmaking, in the cement industry, in power plants, in model and mould making, and in many other industrial sectors.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054381	10000003	10000006

WEICON B

Pasty | steel-filled | long pot life

The epoxy resin system WEICON B is particularly suitable for detailed reproductions in model and mould making, for the production of tools, templates, gauges and clamping devices, and for filling blowholes and microporosities on castings and steel parts as well as for general repair works where a steel-filled casting compound is advantageous.

The reconstructing of severely damaged steel components with WEICON B causes no thermal distortion of the components and thus no impairment of the metal structure, as for example during weld overlay. Due to the long pot life and curing time, larger quantities can be applied per working step. It can be used in mechanical engineering, toolmaking, model and mould making as well as many other areas.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054384	10000020	10000023

WEICON C

aluminium-filled | temperature-resistant up to 220°C (428°F) | drinking water approval according to BS 6920

WEICON C is a temperature-resistant and flowable epoxy resin system especially for industrial use. The adhesive is non-corrosive, anti-magnetic and cures practically without shrinkage.

WEICON C is particularly suitable as an adhesive for large-surface applications, for the casting of moulds, and for the production of fixing devices and tools (e.g. injection moulds). It can be used in tool and mould making as well as in many other industrial areas, which are exposed to high thermal stress.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10051209	10000032	10000033





WEICON BR

Pasty | bronze-filled | non-corrosive

The epoxy resin system WEICON BR is particularly suitable for filling blowholes and for repairing and reconditioning bronze parts and bronze castings.

It can be used in the entire marine and shipping industry as well as in many other industrial sectors. For example, it can be used to reproduce bronze components that show severe damage. Thereby, WEICON BR offers a real alternative to costly brazing.

▸ 0.2 kg	▸ 0.5 kg	▸ 1.6 kg
10054386	10012669	10012670



WEICON F

Pasty | aluminium-filled | non-corrosive

WEICON F is especially suitable for applications on parts made of aluminium, its alloys, magnesium, and other light metals.

WEICON F can be used for cost-effective repairs of all kinds, for filling shrinkage defects in light metal castings, and for the reconstruction of components. The epoxy resin system can be used in tool making, model and mould making, and in many other industrial sectors.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054387	10000039	10000041



WEICON F2

Flowable | aluminium-filled | non-corrosive

The epoxy resin system WEICON F2 is suitable for the casting of models, moulds and templates, for the repair of porous and damaged castings, for the production of prototypes and holding devices, and for the casting of dies to verify accuracy.

It can be used in toolmaking, model and mould making and many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054388	10000061	10000062

Plastic Metal

WEICON HB 300

ABS

Pasty | steel-filled | high-temperature-resistant up to 280°C (536°F) for short periods of time

WEICON HB 300 is pasty, steel-filled and resistant to high temperatures up to 200°C (392°F) (for short periods up to 280°C/536°F) and is processed in a mixing ratio of 1:1.

The epoxy resin system is also suitable for applications on vertical surfaces and can be used for repairs and adhesive bonding of castings and metal parts, for filling blowholes, for repairing damages on containers, car bodies and machine parts, and for sealing pumps and pipes. The product can be used in mechanical and industrial engineering, in equipment engineering, and in many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 1.0 kg
10004472	10001084	10000099





VIDEO

WEICON HT 111

ABS

Steel-filled | pasty | high-temperature-resistant

The epoxy resin system WEICON HT 111 is used to repair and touch up metal parts. It is pasty, steel-filled and high-temperature-resistant up to 200 °C (392 °F). For a short period of time, it can withstand temperatures up to 280 °C (536 °F). WEICON HT 111 is chemical-resistant, non-corrosive and is processesd with a mixing ratio of 1:1.

The repair material is suitable for processing on vertical surfaces and can be used for metal repairs and bonding on castings and metal parts, for filling blowholes, for repairing damage to containers, car bodies and machine parts, and for sealing pumps and pipes. Due to its properties, the composite material is particularly suitable for applications in mechanical and plant engineering, apparatus engineering and many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 1.0 kg
10062982	10062984	10062985





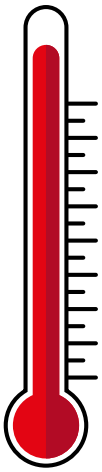
WEICON Ceramic HC 220



Wear protection | temperature-resistant up to +220 °C | drinking water approval according to BS 6920

The epoxy resin system WEICON Ceramic HC 220 provides high abrasion resistance and serves as wear protection for heavily used surfaces. It is temperature-resistant up to +220 °C, flowable, ceramic-filled, resistant to chemicals and has a high adhesive strength. Ceramic HC 220 can be easily processed with a paint brush and applied to large surfaces.

The epoxy resin systems is non-corrosive, anti-magnetic and cures practically without shrinkage. The product can be used in mechanical and plant engineering, in equipment engineering, and in many other areas of industry where high temperature loads are part of daily work.



- 0.2 kg 10060702
- 0.5 kg 10060705
- 2.0 kg 10060707

VIDEO





Brush 35, flat, Plastic Metal

Natural bristles 24 mm, for flowable materials

Especially suitable for processing the easy-to-spread WEICON epoxy resin systems. The material can be worked into various surfaces very easily with a brush. The brush is available in 35 mm and 60 mm widths.



10059417

Brush 60, flat, Plastic Metal



10068373

Brush 35 long, Adhesive

Natural bristles 46 mm, for viscous materials

Especially suitable for processing liquid and flowable WEICON products. The material can be applied evenly and over a large area with the brush.



10065455



Epoxy Resin Systems

Plastic Metal

WEICON Ceramic BL

Wear protection | increased efficiency | drinking water approval according to BS 6920

WEICON Ceramic BL is filled with silicon carbide and zirconium silicate, offers high chemical and temperature resistance as well as extreme wear protection and high abrasion resistance. The epoxy resin system is especially suited for the lining of heavily stressed pump housings, as wear protection for slide bearings, slides, funnels and pipes and for the repair of castings, valves and blower fans. A coating with WEICON Ceramic BL, which gives surfaces a very smooth finish, increases the flow speed of liquids and thus increases the efficiency of pumps, pipes, valves, etc. by 5 % to 20 %.

The product can be used in mechanical and plant engineering, in apparatus engineering and in many other areas of industry. Wear-resistant final coating for all Plastic Metal types. WEICON Ceramic BL is suitable in combination with one of the other WEICON Plastic Metal types for a system build-up as a surface finish for visual inspection.



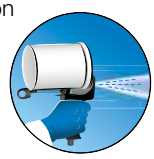
▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054394	10000093	10005233

WEICON GL-S

Flowable | ceramic-filled | wear protection | control layer | temperature-resistant up to +180 °C (+356 °F)

The epoxy resin system WEICON GL-S provides high abrasion resistance and serves as wear protection for heavily used surfaces. It is flowable, spreadable (can be applied with a paint brush), has a high initial strength, is mineral-filled, and resistant to chemicals.

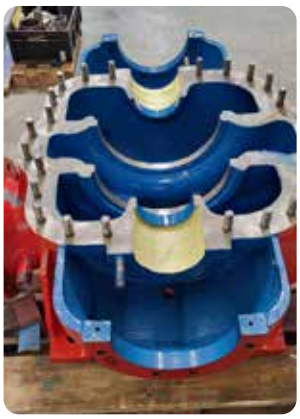
WEICON GL-S is suitable in combination with one of the other WEICON Plastic Metal types for a system build-up as a surface finish for visual inspection. Due to its long recoat time of five hours, GL-S is especially suitable for applications at higher ambient temperatures or for larger surfaces. It is particularly suitable for lining heavily stressed pump casings, as wear protection for slide bearings, chutes, funnels and pipes, and for the repair of castings, valves and fan blades.



The product can be used in mechanical and plant engineering, in equipment engineering, and in many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10060361	10060362	10060363

VIDEO

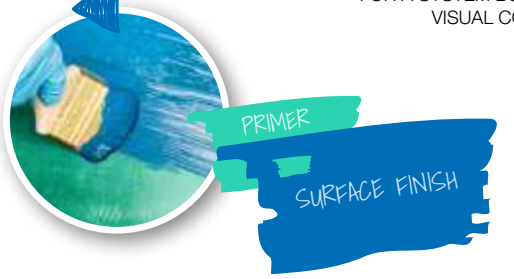




WEICON PRODUCTS FOR WEAR, EROSION AND CORROSION PROTECTION ARE EXCELLENTLY SUITED AS

PRIMER AND SURFACE FINISH

FOR A SYSTEM BUILD-UP WITH A VISUAL CONTROL LAYER











WEICON WL

ABS



Surface coating | excellent base coat for stainless steel surfaces | with residual elasticity

The WEICON WL epoxy resin system is used to coat surfaces that are subject to stresses. It has a high adhesive strength, especially on stainless steel. It is liquid, sprayable, spreadable (can be applied with a brush), self-levelling, retains residual elasticity, is ceramic-filled and chemical-resistant.

Owing to its long pot life, WEICON WL can be used for applications with higher ambient temperatures or for larger surfaces. Due to the high flowability of WEICON WL, it is important to ensure a low layer thickness and to observe the layer sequence time. WEICON WL is well suited for a system build-up in combination with other Plastic Metal types.

For example, the 2-component epoxy resin can be used as a primer when lining pump casings made of stainless steel that are subject to heavy stress. The surface coating can be used in the field of wastewater technology, on pumps, in water pumping, in mechanical and plant engineering, in apparatus engineering and in many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10067876	10067882	10067887

WEICON Food Grade

ISEGA LFGB

Wear protection | corrosion protection | foodstuffs approval | drinking water approval according to BS 6920

WEICON Food Grade is a flowable 2-component epoxy resin system with a high content of fine mineral fillers. The coating system has been approved by the Ruhr District Institute of Hygiene for contact with aqueous and fatty foodstuffs up to 70 °C. It is used both to protect surfaces against wear and corrosion and as an adhesive.

The coating is easy to apply and adheres to a wide variety of surfaces even under mechanical stress. The wear protection has very good chemical resistance and is suitable for coating a wide variety of parts, such as pumps, conveyor systems, lifting screws, hoppers, tanks, and pipes.

WEICON Food Grade is suitable on its own or in combination with one of the other WEICON Plastic Metal types for a system build-up.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10062864	10062869	10062875









Epoxy Resin Systems

Plastic Metal

WEICON Anti-Static

Wear protection system | high chemical resistance | antistatic

WEICON Anti-Static is a liquid, antistatic 2-component epoxy resin system with a high content of fine ceramic fillers. It is used to protect surfaces against wear and corrosion. By combining high-strength particles with a viscoplastic polymer matrix, the system offers a high level of wear protection. It has good chemical resistance and high abrasion resistance. The coating adheres very well even under vibration and elongation on a wide variety of surfaces and does not drip. The wear protection system is free of tar and solvents and cures almost without shrinkage. Anti-Static is suitable for coating a wide variety of parts, such as rollers, pumps, chutes, conveyors, lifting screws, separators, hoppers, propellers, fans, and heat exchangers.

WEICON Anti-Static is suitable in combination with one of the other WEICON Plastic Metal types for a system build-up as an antistatic surface finish.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10062957	10062958	10062959



WEICON Anti-Stick



Anti-stick effect | increased efficiency | sprayable

WEICON Anti-Stick is a liquid, grey 2-component epoxy resin system with mineral fillers for the protection of heavily stressed surfaces against aggressive chemicals and corrosion. It was specially developed for application with low-pressure equipment. In addition to the mineral fillers, Anti-Stick contains special additives that create an anti-stick effect and thus prevent flour, dust or suspended particles, for example, from sticking. The epoxy resin system has good chemical and thermal resistance up to +120 °C. It is free from solvents and cures with virtually no shrinkage.

A coating with WEICON Anti-Stick, which gives surfaces a very smooth finish, increases the flow speed of liquids and thus increases the efficiency of pumps, pipes, valves, etc. by 5 % to 20 %. Anti-Stick is applied directly to the parts by sandblasting after thorough preparation of the substrate. The coating adheres very well to a wide variety of surfaces and is suitable for many different parts such as plain bearings, chutes, funnels and pipes as well as for coating castings and valves. The system can be used in mechanical and plant engineering, in apparatus engineering, in the paper industry, in the bulk goods industry, in exhaust gas systems, in mining, in open-cast mining, in chemical plants and in many other areas of industrial production. In any case, preliminary tests under practical conditions are recommended; especially if the parts are additionally exposed to increased temperature or mechanical stress.

WEICON Anti-Stick is suitable on its own or in combination with one of the other WEICON plastic metal types for a system build-up as an anti-stick coating.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10062938	10062940	10062941







Coating of a milling machine in screw production
WEICON HP
WEICON WP
WEICON Ceramic HC 220

WEICON WP

Pasty | high strength | ceramic-filled | extremely high resistance against abrasion and wear | residual elasticity and impact-resistant

WEICON WP serves as protection for surfaces subject to heavy wear. A coating with the epoxy resin system offers high resistance to wear and abrasion and is extremely resistant to chemicals.

WEICON WP prevents metal loss and, depending on the application, replaces previously used wear-resistant alloys, ceramic tiles or rubber lining as well as welded metal coatings. It can be used both for the reconditioning of worn metal surfaces and as a wear-resistant coating. A particularly high level of protection is achieved when wear is caused by laterally impacting particles.

▸ 0.2 kg	▸ 2.0 kg	▸ 10.0 kg
10054399	10032320	10032939

WEICON WPG-19 NEW

Extreme wear protection | pasty | fibre-reinforced | ceramic-filled

WEICON WPG-19 is a fibre-reinforced, ceramic-filled, 2-component epoxy resin system. It is used as wear protection in industrial applications. The grey coating contains ceramic beads up to two millimetres in size and protects surfaces against erosion and abrasion caused by the impact of coarse particles.

The system can be applied with a spatula. It is viscoplastic, highly impact-resistant and extremely resistant to abrasion. It is used for coating and lining various surfaces and components in industrial plants. It is used, for example, to protect gutters, bends, hoppers, tanks, chutes and many other processing systems that are exposed to abrasion and impact.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg	▸ 10.0 kg
10103061	10103067	10103073	10103078

VIDEO




Coating of a catch plate in a mill
WEICON WPG-19



Epoxy Resin Systems

Plastic Metal

WEICON TI

Pasty | titanium-filled | temperature-resistant up to +200°C (+392°F) (briefly up to +260°C/+500°F)

WEICON TI has high pressure resistance and very good chemical resistance. It is particularly suitable for repairs of pumps, valves, wear plates, ball bearing seats, shafts and propellers, and for lining pump housings and slide bearings.

The epoxy resin system can be used in mechanical and industrial engineering, in equipment engineering, and in many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054397	10013464	10013475

WEICON SF

Pasty | steel-filled | certified by DNV

WEICON SF has a DNV certificate and is particularly suitable for quick repairs and repair work on leaking pipes, housings and gears, for anchoring and for the production of clamping devices.

The epoxy resin system can be used in mechanical engineering, tool production, model and mould making, the maritime industry and many other areas.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10009769	10000071	10000072

WEICON ST

Thixotropic | can be applied with a spatula | metal-filled | non-corrosive

WEICON ST is suitable for versatile repairs and repair works on machine parts and workpieces made of stainless steel, such as tanks, pipes, containers, funnels, and flanges.

The epoxy resin system can be used in the chemical industry, in the entire marine and shipping sector, in sewage plants, in the paper industry, and in many other areas.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054396	10000900	10000903

WEICON Fire Safe

Flame-retardant | strong adhesion | trowelable

WEICON Fire Safe is a white, flame-retardant, trowelable 2-component adhesive. It is suitable for fire protection applications and is used to attach wear protection ceramics or steel parts to a wide variety of surface materials, such as metal, concrete, or similar.

The adhesive system shows very high adhesive strength, is hard-flexible after curing and has been modified to be impact-resistant. Even under the most extreme conditions, the adhesive does not become brittle. It shows good wear protection properties in particle erosion, has good chemical resistance and is solvent-free. Fire Safe contains additives that cause self-extinguishing within a few seconds. It was tested in accordance with DIN EN ISO 340 at the DMT in Dortmund and passed the test successfully.

▸ 0.2 kg	▸ 0.5 kg	▸ 1.0 kg
10062919	10062920	10062921







WEICON Ceramic W

Pasty | ceramic-filled | wear-resistant

The epoxy resin system WEICON Ceramic W offers high wear protection and high abrasion resistance. It is resistant to chemicals and has a high temperature resistance up to 230°C (446°F); for short periods of time even up to 250°C (482°F).

Ceramic W is non-drip, can be processed with a spatula, and applied on vertical surfaces or even overhead. It is suitable for adhesive bonding or lining aluminium oxide bricks in mill construction, for lining heavily stressed pump housings, as wear protection for slide bearings, slides and pipes, and wherever the use of dark products is not desired for visual reasons. It can be used in mechanical and industrial engineering, in mill construction, equipment engineering, and many other areas of industry.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054395	10012232	10012233

WEICON HP

Pasty | mineral-filled | shock-resistant | adheres to wet and moist surfaces

WEICON HP is a 2-component epoxy resin system with high adhesive strength, enormous impact strength as well as high residual elasticity and abrasion resistance.

Due to its high elongation at break and the pasty texture of the epoxy resin, WEICON HP can be used for adhesive bonding, repairs, and for lining heavily used equipment. Particularly on wet and moist surfaces, the adhesive is able to build up a very good adhesion to various materials.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054393	10054003	10054004





WEICON UW

Pasty | mineral-filled | adheres to wet and moist surfaces

WEICON UW is a 2-component epoxy resin system with fast curing. It is particularly suitable for repairs and repair works, for example on pipes, pumps, tanks, and containers.

Due to its special formulation, WEICON UW also offers very good adhesion when bonded under water. Therefore, it can be used in the entire marine and shipping sector, in sewage plants, and wherever moisture and wetness may cause problems with the adhesion.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054398	10000933	10000936

Characteristics		Plastic Metal UW
Pot life		30 min.
Can be exposed to mechanical stresses after		12 h
Complete curing		36 h
Bond	**Use**	**Plastic Metal UW**
above water	above water	23.8 N/mm²
above water	under water	20.5 N/mm²
under water	under water	15.3 N/mm²

Adhesive bonding following the DIN 1465 standard on V2A steel, sand-blasted, after storage for 7 days at 20°C.

Ideal water temperature for processing WEICON UW: +20°C to +40°C





Epoxy Resin Systems

Plastic Metal

WEICON Casting Resin Plus 90

Casting compound | crystal clear | low viscosity | up to 90 mm layer thickness

The epoxy resin system WEICON Casting Resin Plus 90 is a casting compound which cures crystal clear. Its special formulation allows high layer thicknesses up to 90 mm. The compound can also be used to coat sensitive surfaces and protects against damages. The casting resin has a low viscosity, high mechanical stability, is impact-resistant, has a high moisture resistance and a good UV resistance. It can be processed very well manually and mechanically - whether by grinding, filing or drilling.

Casting Resin Plus 90 is particularly suitable for applications with high visual requirements. Whether in the production of design objects, furniture construction, trade fair construction, yacht and boat building, wood processing, arts and crafts, or gardening and landscaping - the casting resin is suitable for a wide range of applications.

▸ 0.2 kg	▸ 0.5 kg	▸ 1.0 kg
10060675	10060677	10060681

WEICON Casting Resin MS 1000

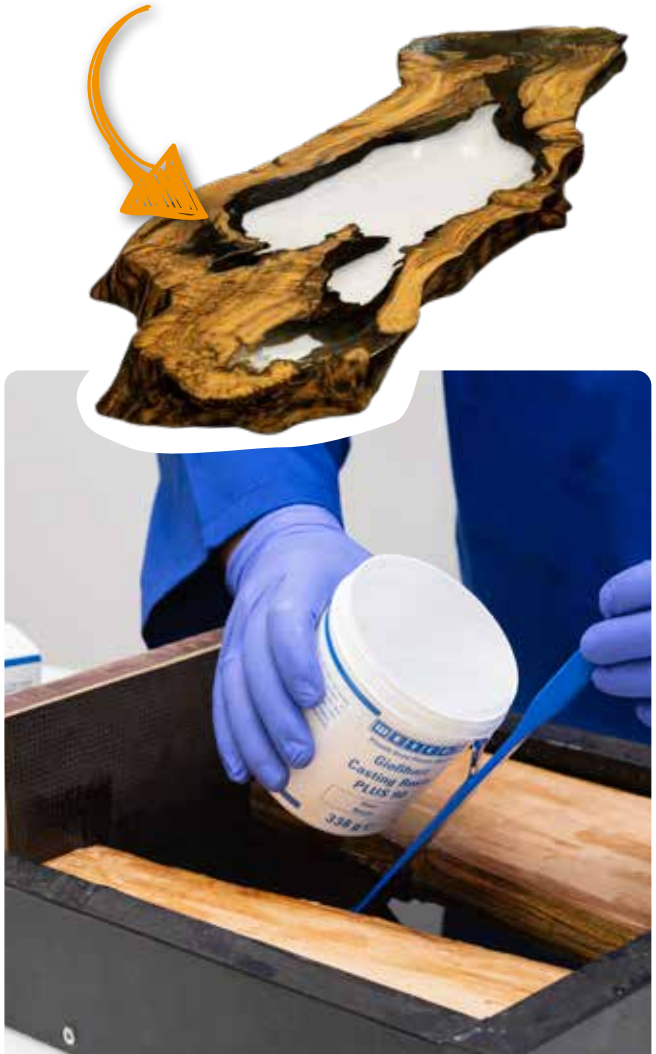
Liquid | unfilled | low viscosity

WEICON Casting Resin MS 1000 is a transparent and very flowable epoxy resin system with high mechanical strength. It is suitable for a wide range of applications.

MS 1000 adheres well to metal, wood, rigid foam and many plastics. It can be used for large-surface adhesive bonding or for laminating composite threaded bushes and screws. Due to its low viscosity, the epoxy resin system is also suitable for the casting of electric components.

It can be used for the production of fibre composites, in tool and mould making, in the electrical industry, in machine construction, and in many other industrial fields. MS 1000 shows good wetting and penetration results of glass fabric and is therefore well-suited for laminating glass, aramid and carbon fibre for the production of fibre-reinforced components. It can also be easily combined with different fillers (powdery, fibrous, fabric).

▸ 0.2 kg	▸ 0.5 kg	▸ 1.0 kg
10054402	10040057	10000168





Interstitial grouting on a pipe-in-pipe system for electrical insulation
WEICON Casting Resin MS 1000



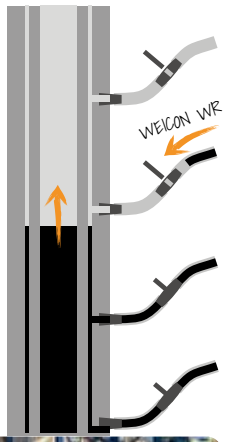
WEICON WR

Liquid | steel-filled | wear-resistant

WEICON WR is suitable for areas where metal parts are subject to heavy wear due to friction. For example, the epoxy resin system can be used for repairs and for casting around shafts, for casting bearings, cutting and punching tools, for the production of castings, copy milling models and moulds, for underpouring machines and foundations, and as a wear-resistant base layer before the final coating with WEICON Ceramic BL.

It can be used in mechanical engineering, toolmaking, model and mould making, and in many other industrial sectors.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054400	10000077	10000078



VIDEO


Filling the gap on a rotor shaft in a gravel washing plant
WEICON WR



WEICON WR2

Pasty | mineral-filled | wear-resistant | high abrasion resistance

WEICON WR2 is a pasty wear protection and is particularly suitable for areas where the application of casting compounds is not possible, such as repairs of conveyor systems, guide rails and slideways. The epoxy resin system can also be used to prevent wear on metal surfaces which are exposed to high abrasion and erosion. It serves as a wear-resistant base layer before the subsequent coating with WEICON Ceramic BL.

WR2 can be used in mechanical and industrial engineering, in equipment engineering, and in many other industrial sectors.

▸ 0.2 kg	▸ 0.5 kg	▸ 2.0 kg
10054401	10000087	10000088


Lining and repair of chutes
WEICON Casting Resin MS 1000
WEICON WR2
WEICON HP



Plastic Metal

Epoxy Resin Putty

High-strength | versatile | temperature-resistant up to +200 °C

WEICON Epoxy Resin Putty is a metal-free, kneadable 2-component compound. The product can be used for various purposes. It is suitable for the reconditioning and repair of castings, the rebuilding of shafts, slide bearings, pumps and housings, the renewal of defective threads, the production of templates and models, and for repair works on aluminium, light metal and injection moulded parts. The compound can be used to seal pipes and tanks and to fix screws and hooks. It can be used to remove corrosion damage and pitting or to repair holes and blowholes.

Epoxy Resin Putty adheres particularly well to all metals and also to ceramics, glass, stone, concrete, wood, rubber and many plastics. When cured, WEICON Epoxy Resin Putty is machinable, paintable and resistant to petrol, oil, esters, salt water and most acids and alkalis. It has a high-temperature-resistance up to +200°C (+392°F), is non-magnetic and non-corrosive. Due to the simple mixing ratio of 1:1 by weight and volume, resin and hardener can be portioned very easily in the desired quantity. WEICON Epoxy Resin Putty can be used in machine construction, tool construction, model and mould making, and in many other industrial applications.

▸ 0,1 kg	▸ 0,4 kg	▸ 0,8 kg
10000103	10000104	10000105



Technical data

	Epoxy Resin Putty	Balancing Putty
Base	epoxy resin	epoxy resin
Filler	mineral-filled	mineral-filled
Pot life at +20°C (+68°F) (25 g material)	20 min.	60 min.
Density of the mixture	2,0 g/cm³	2,5 g/cm³
Processing temperature	+15 to +40 °C (+59 to +104 °F)	+10 to +35 °C (+50 to +95 °F)
Curing temperature	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)
Colour after curing	green	green
Gap covering power to max.	20 mm	-
Capable of bearing mechanical loads (80 % strength/+20°C/+68°F) after	4 h	10 h
Final strength (100 % at +20°C/+68°F) after	24 h	16 h
Pressure (DIN EN ISO 604)	80 MPa (11.600 psi)	80 MPa (11.600 psi)
Shore hardness D (DIN ISO 7619)	85±3	90±3
Tensile shear strength (DIN EN ISO 527-2)	19 MPa (2.760 psi)	30 MPa (4.351 psi)
Temperature resistance	-60 to +200 °C (-76 to +392 °F)	-40 to +130 °C (-40 to +266 °F) briefly to +300 °C (572 °F)

Balancing Putty

Kneadable balancing compound | fast application without tools

WEICON Balancing Putty is an easy-to-use, cold-curing 2-component epoxy resin system. The resin putty is used especially for balancing armatures for electric motors. Compared to machining processes such as drilling or milling, this type of balancing has several advantages. No tools are required for the processing of the balancing putty. And no work is required on the armature core. This results in a quality improvement in terms of motor noise and efficiency. The use of putty saves time, as e.g. deburring the balanced areas is not necessary. Armatures, which were single-plane balanced by machining, can be two-plane balanced with the Balancing Putty without requiring additional time. No metal chips are created, which can get caught in the winding and cause damage. The potential risk of accidents during drilling and/or milling is eliminated. For example, the Balancing Putty is not shaken off in the test run (in uncured condition) during the balancing process at 3000 rpm (diameter of the armature 40mm).

▸ 400 g	▸ 1.0 kg	▸ 5.0 kg
10000129	10000113	10000114









Technical Data

WEICON Plastic Metal in non-cured condition

	Filler	Texture	Colour	Mixing ratio (Weight %)		Viscosity of the mixture mPa.s	Density of the mixture g/cm³	Max. layer thickness per application mm	Pot life at +20°C (+68°F) (500 g preparation)	Curing time in h	
				Resin	Hardener					Mechanical loads	Final hardness
WEICON A	steel	pasty	dark grey	100	10	850,000	2.6	20	60 min.	6	24
WEICON B	steel	flowable	dark grey	100	10	200,000	2.5	30	60 min.	13	24
WEICON BR	bronze	pasty	bronze metallic	100	100	750,000	1.8	12	60 min.	6	12
WEICON C	aluminium	flowable	grey	100	11	35,000	1.6	10	60 min.	6	12*
WEICON F	aluminium	pasty	aluminium metallic	100	20	880,000	1.9	30	60 min.	12	36
WEICON F2	aluminium	flowable	aluminium metallic	100	14	200,000	1.6	10	60 min.	26	72
WEICON HB 300	steel	pasty	dark grey	100	100	1,700,000	2.5	20	30 min.	10	24*
WEICON Ceramic BL	silicium carbide, zirconium silicate	flowable	blue	100	8	23,000	1.9	10	55 min.	8	12
WEICON Ceramic HC 220	silicium carbide, zirconium silicate	flowable	dark grey	100	10	30,000	1.8	10	45 min.	6	10
WEICON HT 111	steel	pasty	dark grey	100	100	1,900,000	2.5	20	30 min.	9	24*
WEICON GL-S	silicium carbide, zirconium silicate	flowable	green	100	8	23,000	1.9	10	55 min.	8	12
WEICON Ceramic W	aluminium oxide	pasty	white	100	25	120,000	1.9	10	120 min.	7	24*
WEICON SF	steel	pasty	dark grey	100	33	800,000	1.8	10	5 min.	1	6
WEICON ST	stainless steel	pasty	light grey	100	50	550,000	1.7	10	60 min.	9	12
WEICON HP	mineral-filled	pasty	white	100	83	550,000	1.5	10	30 min.	12	36
WEICON TI	titan	pasty	grey	100	33	550,000	1.6	10	120 min.	9	16*
WEICON UW	mineral-filled	pasty	white	100	83	550,000	1.5	10	30 min.	12	36
WEICON WL	ceramic-filled	liquid	white	100	22	approx. 7,000	1.7	20	70 min.	18	36
WEICON WP	ceramic	pasty	grey	100	100	900,000	2.2	20	30 min.	12	36
WEICON WPG-19	ceramic-filled	pasty	grey	100	100	---	2,2	---	60 min.	24	42
WEICON WR	steel	liquid	black	100	15	4,000 - 5,000	2.4	10	40 min.	7	16
WEICON WR2	mineral-filled	pasty	anthracite	100	33	560,000	1.9	20	30 min.	5	12
WEICON Casting Resin MS 1000	unfilled	liquid	transparent, slight inherent colour	100	20	1,200	1.2	10	80 min.	14	24
WEICON Casting Resin Plus 90	unfilled	liquid	crystal clear	100	42	180-230	1.1	90	30-35 hours	4 days	14 days
WEICON Food Grade	mineral-filled	flowable	white	100	18	35,000-40,000	1.7	10	30 min.	8	24
WEICON Fire Safe	mineral-filled	pasty	white	100	67	60,000	1.6	20	30 min.	8	24
WEICON Anti-Static	aluminium oxide	liquid	black	100	32	15,000-20,000	1.5	10	30 min.	12	36
WEICON Anti-Stick	mineral-filled	liquid	grey	100	45	15,000-20,000	1.5	10	30 min.	8	24

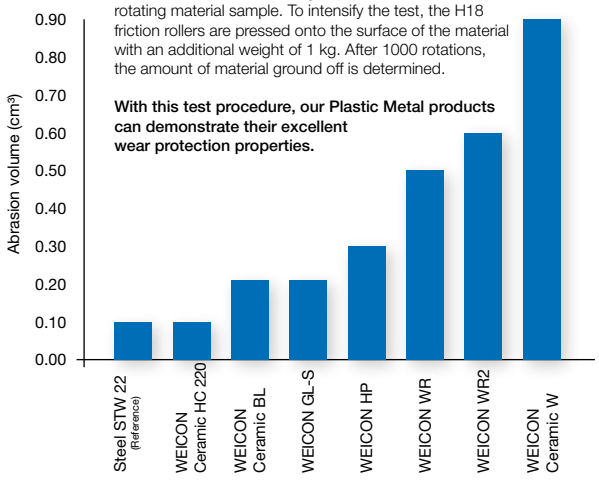
ABRASION RESISTANCES

ABRASION MEASUREMENT ACCORDING TO TABER

	Density (g/cm³)	Abrasion volume (cm³)
Steel STW 22 (Reference)	7.9	0.1
WEICON Ceramic HC 220	1.7	0.1
WEICON Ceramic BL	1.9	0.2
WEICON GL-S	1.9	0.2
WEICON HP	1.5	0.3
WEICON WR	2.4	0.5
WEICON WR2	1.9	0.6
WEICON Ceramic W	1.6	0.9

The Taber abrasion test according to DIN ISO 9352 is used to determine the abrasion resistance of various material types. For this, two friction wheels grind over the surface of a rotating material sample. To intensify the test, the H18 friction rollers are pressed onto the surface of the material with an additional weight of 1 kg. After 1000 rotations, the amount of material ground off is determined.

With this test procedure, our Plastic Metal products can demonstrate their excellent wear protection properties.





Epoxy Resin Systems

Plastic Metal

Technical Data

WEICON Plastic Metal in cured condition

	Tensile MPa *(psi)*	E-Module (Tensile) MPa *(KSI)*	Compressive MPa *(psi)*	Flexural MPa *(psi)*	Shore hardness D	Shrinkage %	Temperature resistance °C *(°F)*	Thermo forming resistance °C *(°F)* DIN EN ISO 75-2	Glass transition temperature (DSC)	
	DIN EN ISO 527-2		DIN EN ISO 604	DIN EN ISO 178	DIN ISO 7619				T_g after curing at room temperature	T_g after tempering*
WEICON A	41 *(5950)*	5.300-5.700 *(770-825)*	80 *(11.600)*	63 *(9.140)*	82±3	0,18	-35 to +120 *(-31 to +248)*	+79 °C *(+174 °F)*	approx. 61 °C	+80 °C
WEICON B	43 *(6.250)*	4.100 - 4.600 *(600 - 670)*	106 *(15.380)*	72 *(10.440)*	84 ±3	0,10	-35 to +120 *(-31 to +248)*	+67 °C *(+153 °F)*	approx. +57 °C	+66 °C
WEICON BR	55 *(7.980)*	7.000 - 7.200 *(1.020 - 1.040)*	91 *(13.200)*	35 *(5.100)*	87 ±3	0,280	-35 to +120 *(-31 to +248)*	+50 °C *(+122 °F)*	approx. +47 °C	+48 °C
WEICON C	50 *(7.250)*	6.400 - 7.500 *(930 - 1.090)*	174 *(25.240)*	83 *(12.040)*	89 ±3	0,07	-80 to + 220 *(-112 to +428)*	+60 °C/+108 °C* (test report KIL) *(+140/+ 248)*	approx. +58 °C	+120 °C
WEICON F	31 *(4.500)*	4.400 - 5.000 *(640 - 725)*	66 *(9.570)*	53 *(7.690)*	85 ±3	0,12	-35 to +120 *(-31 to +248)*	+51 °C *(+124 °F)*	approx. +52 °C	+59 °C
WEICON F2	31 *(4.500)*	3.200 - 3.400 *(465 - 495)*	39 *(5.660)*	26 *(3.770)*	77 ±3	0,160	-35 to +120 *(-31 to +248)*	+55 °C *(+131 °F)*	approx. +52 °C	+60 °C
WEICON HB 300	50 *(7.250)*	7.000 - 7.200 *(1.020 - 1.040)*	100 *(14.500)*	42 *(6.100)*	85 ±3	0,150	-35 to +200 briefly to +280 *(-31 to +392 briefly to +536)*	+100 °C* *(+212 °F)*	approx. +57 °C	+92 °C
WEICON Ceramic BL	59 *(8.560)*	7.100 - 7.300 *(1.030 - 1.060)*	116 *(16.800)*	80 *(11.600)*	90 ±3	0,130	-35 to +180 *(-31 to +356)*	+55 °C *(+131 °F)*	approx. +52 °C	+108 °C
WEICON Ceramic HC 220	51 *(7.400)*	5.300 - 7.000 *(770 - 1.020)*	160 *(23.210)*	83 *(12.040)*	85 ±3	0,140	-35 to +220 *(-31 to +428)*	+130 °C* *(+266 °F)*	approx. +50 °C	+130 °C
WEICON HT 111	50 *(7.250)*	6.800-7.400 *(990 - 1.070)*	100 *(14.500)*	42 *(6.100)*	87 ±3	0,150	-35 to +200 briefly to +280 *(-31 to +392 briefly to +536)*	+100 °C* *(+212 °F)*	approx. +57 °C	+92 °C
WEICON GL-S	59 *(8.560)*	7.100 - 7.300 *(1.030 - 1.060)*	116 *(16.800)*	98 *(14.210)*	90 ±3	0,130	-35 to +180 *(-31 to +356)*	+81 °C *(+178 °F)*	approx. +58 °C	+108 °C
WEICON Ceramic W	54 *(7.830)*	9.400 - 10.000 *(1.360 - 1.450)*	135 *(19.580)*	89 *(12.900)*	91±3	0,270	-35 to +230 kurz 250 *(-31 to +446 briefly to +482)*	+97 °C* *(+206,6 °F)*	approx. +50 °C	+107 °C
WEICON SF	37 *(5.350)*	3.500 - 4.500 *(510 - 650)*	52 *(7.540)*	41 *(5.950)*	82 ±3	0,820	-35 to +90 *(-31 to +194)*	+40 °C *(104 °F)*	approx. +41 °C	-
WEICON ST	48 *(6.960)*	7.300 - 7.900 *(1.060 - 1.150)*	96 *(13.900)*	38 *(5.500)*	85 ±3	0,140	-35 to +120 *(-31 to +248)*	+50 °C *(+122 °F)*	approx. +48 °C	+94 °C
WEICON HP	31 *(4.500)*	1.800 - 2.000 *(260 - 290)*	65 *(9.430)*	50 *(7.250)*	75 ±3	0,120	-35 to +160 *(-31 to +320)*	+65 °C *(+149 °F)*	approx. +64 °C	+87 °C
WEICON TI	53 *(7.690)*	6.200 - 6.800 *(900 - 990)*	66 *(9.570)*	10 *(1.450)*	83 ±3	0,090	-35 to +200 briefly to +260* *(-31 to +392 briefly to +500)*	+150 °C* *(+302 °F)*	approx. +52 °C	+148 °C
WEICON UW	31 *(4.500)*	1.800 - 2.000 *(260 - 290)*	65 *(9.430)*	50 *(7.250)*	75 ±3	0,120	-35 to +160 *(-31 to +320)*	+65 °C *(+149 °F)*	approx. +64 °C	+87 °C
WEICON WL	35 *(5100)*	2400 – 2700 *(350 - 390)*	67 *(9.720)*	39 *(5.660)*	80±3	0,04	-35 to +120 *(-31 to +248)*	+44 °C *(+111 °F)*	approx. 45 °C	approx. 45 °C
WEICON WP	23 *(3.340)*	2.500 - 2.900 *(360 - 420)*	51 *(7.400)*	35 *(5.100)*	75 ±3	0,110	-35 to +120 *(-31 to +248)*	+65 °C *(+149 °F)*	approx. +64 °C	+87 °C
WEICON WPG-19	23 *(3.340)*	2.500 - 3.200 *(360 - 460)*	---	---	82±3	0,17	---	---	---	---
WEICON WR	46 *(6.670)*	4.900 - 5.300 *(710 - 770)*	100 *(14.500)*	85 *(12.350)*	83 ±3	0,060	-35 to +120 *(-31 to +248)*	+48 °C *(+118 °F)*	approx. +48 °C	+60 °C
WEICON WR2	63 *(9.140)*	8.000 - 8.500 *(1.160 - 1.230)*	115 *(16.680)*	96 *(13.900)*	87 ±3	0,040	-35 to +120 *(-31 to +248)*	+80 °C *(+176 °F)*	approx. +52 °C	+80 °C
WEICON Casting Resin MS 1000	56 *(8.120)*	2.500 - 2.600 *(360 - 380)*	92 *(13.340)*	90 *(13.050)*	81 ±3	0,010	-35 to +120 *(-31 to +248)*	+52 °C *(+126 °F)*	approx. +47 °C	-
WEICON Casting Resin Plus 90	33 *(4.800)*	1000-1200 *(145-175)*	30 *(4.300)*	21 *(3.050)*	73 ±3	0,350	-35 to +120 *(-31 to +248)*	+29 °C *(+84 °F)*	-	-
WEICON Food Grade	46 *(6.670)*	5.300 - 5.700 *(770 - 825)*	95 *(13.780)*	71 *(10.300)*	86 ±3	0,280	-35 to +120 *(-31 to +248)*	+65 °C *(+149 °F)*	+52 °C	+69 °C
WEICON Fire Safe	32 *(4.640)*	2.400 - 2.600 *(350 - 380)*	110 *(15.950)*	52 *(7.540)*	78 ±3	0,310	-35 to +120 *(-31 to +248)*	+79 °C *(+174,2 °F)*	approx. +50 °C	+90 °C
WEICON Anti-Static	39 *(5.660)*	2.200 - 2.500 *(320 - 360)*	52 *(7.540)*	48 *(6.960)*	83 ±3	0,090	-35 to +120 *(-31 to +248)*	+39 °C *(+102,2 °F)*	+49 °C	+63 °C
WEICON Anti-Stick	54 *(7.830)*	4.500 - 5.000 *(650 - 725)*	118 *(17.110)*	76 *(11.020)*	87 ±3	0,220	-35 to +120 *(-31 to +248)*	+65 °C *(+149 °F)*	+56 °C	+60 °C

* after tempering (for more information, see technical datasheet)

WEICON PLASTIC METAL CONSUMPTION

	WEICON A	WEICON B	WEICON BR	WEICON C	WEICON F	WEICON F2	WEICON HB 300	WEICON Ceramic BL	WEICON Ceramic HC 220	WEICON HT 111	WEICON GL-S	WEICON Ceramic W	WEICON SF	WEICON ST	WEICON HP	WEICON TI	WEICON UW	WEICON WL	WEICON WP	WEICON WPG-19	WEICON WR	WEICON WR2	WEICON Epoxy Resin Putty	WEICON Resin MS 1000	WEICON Resin Plus 90	WEICON CBC	WEICON Food Grade	WEICON Fire Safe	WEICON Anti-Static	WEICON Anti-Stick
Consumption (Kilogram per m²) 1,0 mm application thickness	2,6	2,5	1,8	1,6	1,9	1,6	2,5	1,9	1,8	2,5	1,9	1,9	1,8	1,7	1,5	1,6	1,5	1,7	2,2	-	2,4	1,9	2,0	1,2	1,1	1,6	1,7	1,6	1,5	1,5

WEICON CBC
Chocking Backing Compound

Certified by ABS | vibration-resistant | impact-resistant

WEICON CBC is suitable for the shimming and backfilling of systems difficult to align in the industrial and maritime sector. The “ABS Product Design Assessment” certified system serves as a replacement for fittings and worn metal sheets, like steel or other materials, and ensures the direct contact to foundation plates.

The special epoxy resin system has a low viscosity, is very flowable and self-levelling. It has a pot life of 30 minutes and cures nearly shrink-free. It provides a permanent high-static stability and has a high resistance to ageing. The epoxy resin system adheres particularly well to steel and concrete. It has a good compressive strength and is resistant to oils, fuels and many chemicals. It is vibration-resistant as well as temperature-resistant.

Due to almost no cure shrinkage, machines and systems keep their specific alignment after the casting of WEICON CBC.

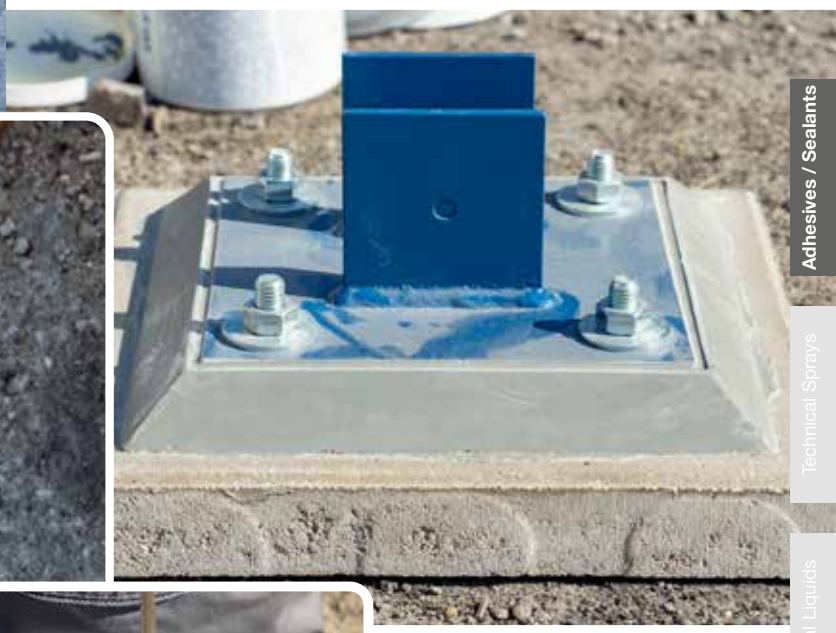
► 0.5 kg	► 3.0 kg (2,0 l)	► 10.0 kg (6,6 l)
10064790	10045020	10045019

European Exhibition Award
for creativity and innovation



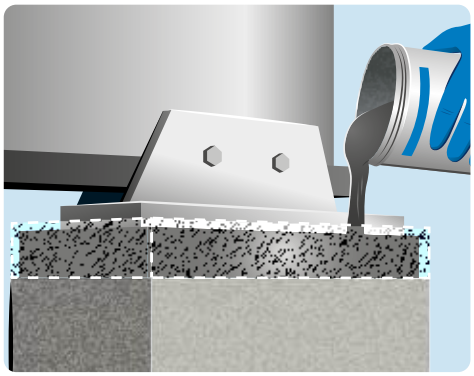
WEICON CBC











Technical Data

Base:		epoxy
Filler:		aluminium
Texture:		flowable
Specific properties:		liquid, impact-resistant
Mixing ratio by weight % (Resin/Hardener):		100 : 21
Pot Life at +20°C, 500 g batch:		45 min.
Density of the mixture:		1.6 g/cm³
Viscosity of the mixture at +25°C:		32,000 mPa·s
Processing temperature:		+15°C to +40°C
Can be exposed to mechanical stresses (80% strength) after:		12 h
Final strength (100% strength) after:		24 h
Mean compressive strength (DIN EN ISO 604):		80 MPa
Strength-E-Module (DIN EN ISO 527):		3,800-4,700 MPa
Elongation at break (DIN EN ISO 527):		2.3 %
Impact strength (ISO 179-1/1eU):		10-15 kJ/m²
Shore D (DIN ISO 7619):		84±3 Shore D
Shrinkage:		0.06 %
Colour after curing:		grey
Temperature resistance:		-40 °C to +160 °C (briefly up to 180 °C
Glass transition temperature	T_g after curing at room temperature	approx. +50 °C
	T_g after tempering at 120 °C	+75 °C



Applications

- pipe repairs
- structural reinforcement
- repairs in spaces difficult to access

VIDEO

WEICON Pipe Repair-Kit

The set is designed for the emergency repair of defective and damaged pipes and pipelines. It comprises one WEICON Repair Stick Multi, a special repair tape made of fibreglass-reinforced plastic, assembly instructions and a pair of protective gloves. The repair tape is impregnated with a special resin and activated by contact with water.

The Pipe Repair-Kit can be processed without any additional tools and is used for the reliable and permanent sealing of cracks and leaks. It is very easy and quick to use and shows excellent adhesive properties, high pressure and chemical resistance as well as temperature resistance up to 150°C.

Within 30 minutes, the tape is fully cured and hard-wearing. Due to the fabric properties of the tape, the resulting high flexibility and the simple processing, the repair kit is particularly suitable for sealing leaks in bends, T-pieces or in spaces difficult to access.

It can be used on many different surfaces such as stainless steel, aluminium, copper, PVC, many plastics, fibreglass, concrete, ceramics and rubber.

The Repair-Kit can be used in various areas of industry for the quick and easy repair of chemical, steam, process and water pipes.



5/15	5/35	10/35	12/100
▸ 5 cm x 1.5 m	▸ 5 cm x 3.5 m	▸ 10 cm x 3.5 m	▸ 12 cm x 10 m
10055737	10055738	10055740	10057026
white	white	white	white



The set includes
WEICON Repair Stick Multi-Purpose fibreglass-reinforced plastic repair tape
assembly instructions
protective gloves





Repair-Kits

WEICON Pool Repair-Kit

Cures reliably even under water | application on wet surfaces | excellent adhesion

The WEICON Pool Repair-Kit is especially suitable for quick repair work under water. Its excellent adhesive strength enables application on wet surfaces. Thanks to the rapid curing process, it is perfect for repair work on tiles, mosaic tiles, etc.

▸ 0,2 kg	▸ 0,5 kg	▸ 2,0 kg
10102712	10102886	10102879





Repair of mosaic tiles



The set includes
2-component adhesive (resin & hardener)
processing spatula
instructions for use
application gloves





Technical Data

Base	epoxy
Filler	mineral
Texture	pasty
Colour	white
Processing temperature	+15 °C to +40 °C
Component temperature	>3 °C (+37,4 °F) above dew point
Mixing ratio by weight	100:83
Mixing ratio by volume	100:95
Viscosity of the mixture at +25 °C (+77 °F)	550,000 mPa·s
Density of the mixture	1.5 g/cm³
Consumption layer thickness 1.0 mm	1.5 kg/m²
Max. layer thickness per step	10 mm

Pot life at 20 °C (+68 °F), 500 g batch	30 min.
Additional layer after (35 % strength)	7 h
Working strength after (80 % strength)	12 h
Final strength (100 % strength)	36 h
Shrinkage	0,12 %
Temperature resistance	-35 °C (-4 °F) to + 160 °C (+248 °F)

Mechanical properties after curing	
- Measured after curing at	24 h RT + 4 h 60 °C
Tensile strength DIN EN ISO 527-2	31 MPa
Elongation at break (tensile) DIN EN ISO 527-2	9.0 %
Hardness (Shore D) DIN ISO 7619	75±3

Bond	Use	Pool Repair-Kit
above water	above water	23.8 N/mm²
above water	under water	20.5 N/mm²
under water	under water	15.3 N/mm²

Adhesive bonding following the DIN EN 1465 standard on V2A steel, sand-blasted, after storage for 7 days at 20 °C.

Ideal water temperature for application: +20 °C (+68 °F) to +40 °C (+104 °F)

Marine Emergency Repair Kits

For emergency repairs and maintenance works on board of ships, we developed three different Repair Kits. WEICON Marine Emergency Repair Kits are equipped with many different products that support you in various cases. The kits cover most cases of offshore emergency repairs and maintenance works during long passages. The Repair Kits differ in the range of included products. Repair Kit 1 covers the most common emergency and maintenance cases. Kit 3 covers many different applications on board. The Repair Kits are suitable for all ships, where repairs and maintenance have to be carried out frequently.



As a service for our customers, WEICON provides the Marine Emergency Repair Kits with all necessary dangerous goods declarations.



+ incl. transport documents (IATA, IMO, ADR)

Kit 2

▸ WEICON 10045343 ▸ IMPA 81 29 08 ▸ ISSA 84.025.02

		WEICON	IMPA	ISSA	Quantity					NSF		ABS
WEICON A	▸ 0.5 kg	10000003	81 29 01	75.509.01	2	•					•	
WEICON HB 300	▸ 1.0 kg	10000099	81 29 51	75.509.21	1						•	•
WEICON SF	▸ 0.5 kg	10000071	81 29 31	75.509.13	2	•					•	
WEICON UW	▸ 0.5 kg	10000933	81 29 35	75.509.24	2							
Repair Stick Aqua	▸ 115 g	10006608	81 29 24	75.530.03	3						•	
Repair Stick Steel	▸ 115 g	10007705	81 29 26	75.530.01	3					•	•	
Pipe Repair-Kit 5/15	▸ ---	10055737	---	84.025.17	2					•		
AN 302-43	▸ 50 ml	10017876	81 29 13	75.628.04	1		•	•		•		
AN 302-60	▸ 50 ml	10017878	81 52 05	75.628.32	1		•					
VA 8312	▸ 30 g	10016432	81 52 42	75.629.05	1				•			
VM 120	▸ 30 g	10019859	---	---	1							
GMK 2410	▸ 700 g	10028906	81 52 38	84.025.09	1							
Black-Seal	▸ 200 ml	10000763	81 52 85	75.634.25	1							
Cleaner Spray S	▸ 500 ml	10000147	45 08 01	53.402.01	2							
W 44 T	▸ 400 ml	10001023	45 08 21	53.402.11	1							
Rust Shock	▸ 400 ml	10000143	45 08 22	53.402.10	1							
Starter Spray	▸ 400 ml	10030465	---	---	1							
Contact Spray	▸ 400 ml	10026740	45 08 43	53.402.28	1							
Processing Kit	▸ ---	10045523	81 29 88	---	1							
Repair-Tape 5/35	▸ ---	10055742	---	---	1							
Repair-Tape 10/35	▸ ---	10055743	---	---	1							

Emergency Repair Kits

Kit 1

▸ WEICON 10045342 ▸ IMPA 81 29 07 ▸ ISSA 84.025.01

		WEICON	IMPA	ISSA	Quantity		NSF	
WEICON A	▸ 0.5 kg	10000003	81 29 01	75.509.01	2	•		•
WEICON SF	▸ 0.5 kg	10000071	81 29 31	75.509.13	2	•		•
WEICON UW	▸ 0.5 kg	10000933	81 29 35	75.509.24	2			
Repair Stick Aqua	▸ 115 g	10006608	81 29 24	75.530.03	2			•
Repair Stick Steel	▸ 115 g	10007705	81 29 26	75.530.01	2		•	•
Pipe Repair-Kit 5/15	▸ ---	10055737	---	84.025.17	1		•	
Processing Kit	▸ ---	10045523	81 29 88	---	1			
Repair-Tape 5/35	▸ ---	10055742	---	---	1			
Repair-Tape 10/35	▸ ---	10055743	---	---	1			



Processing Kit

▸ WEICON 10045523 ▸ IMPA 81 29 88

Glass Fibre Cloth Tape, Processing Spatula, Processing Can, Gloves, Wire Mesh, Butyl Tape, Brush, Cutter

Kit 3

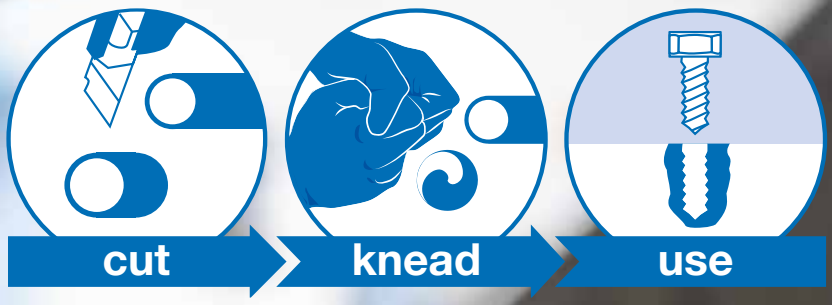
▸ WEICON 10045344 ▸ IMPA 81 29 09 ▸ ISSA 84.025.03

		WEICON	IMPA	ISSA	Quantity					NSF	WRAS		BAM		TZW	UL-tested		ABS
WEICON A	▸ 0.5 kg	10000003	81 29 01	75.509.01	2	•											•	
WEICON BR	▸ 0.5 kg	10012669	81 29 10	75.509.05	1												•	
WEICON HB 300	▸ 1.0 kg	10000099	81 29 51	75.509.21	1												•	•
WEICON Ceramic BL	▸ 0.5 kg	10000093	81 29 37	75.509.19	1	•			•								•	
WEICON SF	▸ 0.5 kg	10000071	81 29 31	75.509.13	2	•											•	
WEICON UW	▸ 0.5 kg	10000933	81 29 35	75.509.24	2													
WEICON WR	▸ 0.5 kg	10000077	81 29 47	75.509.15	1												•	
Repair Stick Aqua	▸ 115 g	10006608	81 29 24	75.530.03	4												•	
Repair Stick Steel	▸ 115 g	10007705	81 29 26	75.530.01	4					•							•	
Pipe Repair-Kit 5/15	▸ ---	10055737	---	84.025.17	3					•								
Urethane 80	▸ 0.5 kg	10012368	81 29 63	75.509.42	1													
AN 302-43	▸ 50 ml	10017876	81 29 13	75.628.04	1		•	•		•								
AN 302-60	▸ 50 ml	10017878	81 52 05	75.628.32	1		•											
AN 305-77	▸ 50 ml	10019949	81 52 14	75.628.13	1		•	•		•	•	•	•*					
AN 306-38	▸ 50 ml	10017888	81 52 23	75.628.19	1		•											
Thread Sealing Cord DF 175	▸ ---	10026655	---	75.628.40	1			•			•		•	•	•	•		
Plast-o-Seal	▸ 90 g	10014387	81 52 31	75.628.41	1													
VA 8312	▸ 30 g	10016432	81 52 42	75.629.05	1				•									
VM 120	▸ 30 g	10019859	---	---	1													
GMK 2410	▸ 700 g	10028906	81 52 38	84.025.09	1													
Black-Seal	▸ 200 ml	10000763	81 52 85	75.634.25	1													
Cleaner Spray S	▸ 500 ml	10000147	45 08 01	53.402.01	2													
Sealant and Adhesive Remover	▸ 400 ml	10026705	45 08 02	53.402.02	1													
W 44 T®	▸ 400 ml	10001023	45 08 21	53.402.11	1													
Rust-Shock	▸ 400 ml	10000143	45 08 22	53.402.10	1													
Mould Release Agent	▸ 400 ml	10000154	---	---	1													
Starter Spray	▸ 400 ml	10030465	---	---	1													
Contact Spray	▸ 400 ml	10026740	45 08 43	53.402.28	1													
AS 500	▸ 500 g	10028921	45 08 46	---	1													
Processing Kit	▸ ---	10045523	81 29 88	---	1													
Repair-Tape 5/35	▸ ---	10055742	---	---	1													
Repair-Tape 10/35	▸ ---	10055743	---	---	1													

*BAM tested and safety-related evaluated- see also leaflet M 034e "Oxygen" (DGUV information 213-074) of BG RCI.



The easy solution for all repair and maintenance work.



- even for small repairs
- the cured product can be machined (drilled, filed, tapped)

Repair Stick Steel

NSF Certified to NSF/ANSI/CAN 61

Fast-curing | steel-filled | drinking water approval | paintable

It is particularly suited for the fast and high strength repair and bonding of metal parts and for the patching and sealing of cracks, holes, and leaks in machine parts, tanks and pipelines, containers, pumps and housings, balcony railings, banisters, and torn-out threads. The WEICON Repair Stick Steel can be used in machine and system construction, in tank construction and apparatus engineering, in the foods, cosmetic and pharmaceutical industries and many other applications.

▸ 57 g	▸ 115 g
10010241	10007705

Repair Stick Aqua

For underwater applications | ceramic-filled | paintable

Ideal for quick repairs on damp and wet surfaces and for underwater applications.

For the repair and sealing of cracks, holes, and leaks in petrol and water tanks, radiators, electrical switchboards, sanitary installations and swimming pools. The WEICON Repair Stick Aqua can be used in sanitary and heating system construction, electrical equipment, the maritime sector and many additional industrial applications.

▸ 57 g	▸ 115 g
10008519	10006608



Repair Sticks



Repair Stick Titanium

Wear-resistant | titanium-filled | high-temperature-resistant up to +230°C (+446°F) (briefly up to +260°C/+500°F) | paintable

It is suited for the permanent and wear-resistant repair and bonding of metal parts such as tanks and pipelines, aluminium, light metal and injection moulded parts, shafts and slide bearings, pumps and housings and torn-out threads.

The WEICON Repair Stick Titanium can be used in machine and system construction, tank construction and apparatus engineering, and many other industrial applications.

▸ 57 g	▸ 115 g
10011973	10011970



Repair Stick Stainless Steel

NSF Certified to NSF/ANSI/CAN 61

Non-corrosive | fast-curing | stainless steel-filled | drinking water approval | paintable

For non-corrosive repair and reconditioning of stainless steel and other rustproof metals, such as those in tanks and containers, filling and packing machines, pipes, lines, pumps and housings.

Due to the quick mechanical loading capacity of the mended parts (approx. 60 minutes), expensive and longer downtimes are avoided. The WEICON Repair Stick Stainless Steel can be used in tank construction and apparatus engineering, in the foods, cosmetic and pharmaceutical industries and many other applications.

▸ 57 g	▸ 115 g
10025658	10025663







Repair Stick Wood

Residual elasticity | mineral-filled | paintable

For permanent repairs of wooden parts with residual elasticity and without shrinkage. For the repair of cracks and bore holes, broken out or broken off wooden parts and for the sealing of joints on windows and door frames, veneers, boards and planks, models and wooden toys.

WEICON Repair Stick Wood can be used in the wood and furniture industry, in model building and many other applications.

▸ 28 g	▸ 56 g
10010237	10007717



WEICON Repair Stick Wood
A special item in the product range is the Repair Stick Wood. It was developed for carrying out repairs on furniture, shelving, etc. To enable a "seamless" repair, it has the same density as wood.

After curing, it can be processed like wood. In the test shown below, the WEICON Repair Stick floats on the surface like wood, while competitive products sink to the bottom due to their high density.



Repair Stick Plastic

NSF Certified to NSF/ANSI/CAN 61

Plastic-filled | drinking water approval | paintable

Especially for the permanent repair of plastic components and composite materials with residual elasticity such as window and door frames, panelling and bumper bars.

For the bonding of metal parts such as pipes and pipe bends, fittings and flanges, water tanks, pumps and housings.

▸ 57 g	▸ 115 g
10017301	10017334

Repair Stick Multi-Purpose

NSF Certified to NSF/ANSI/CAN 61

Fast-curing | mineral-filled | drinking water approval | paintable

The all-round product for quick, elastic and non-shrink repairs and touch-ups on nearly all surfaces. Repair Stick Multi fills and seals cracks, holes, damages and leaks. It can be used on metal, wood, stone, ceramics, plastic and many other materials.

Due to its versatile use, WEICON Repair Stick Multi is suitable for industrial applications as well as for skilled trades or DIY projects.

▸ 57 g	▸ 115 g
10053992	10053995

VIDEO









Epoxy Resin Systems

Repair Sticks

Repair Stick Copper

Certified to NSF/ANSI/CAN 61

Extremely fast-curing | copper-filled | drinking water approval | paintable

The WEICON Repair Stick Copper is suited for the very quick repair (processing time: 3 min.) of cracks and leaks even on damp and wet surfaces such as pipes, pipe bends, fittings, flanges, copper gutters, sheets, water heaters, water tanks, hot, cold water lines, freezer and air conditioning systems.

The WEICON Repair Stick Copper can be used in tank construction and apparatus engineering, in the foods, cosmetic and pharmaceutical industries and many other applications.

▸ 57 g 10010227 ▸ 115 g 10006609

Repair Stick Concrete

Fast-curing | ceramic-filled | paintable

Especially for quick repair and reconditioning of all concrete, stone and ceramic surfaces.

Fills and seals cracks and defects on masonry, stone, concrete and ceramic tiles and on bricks, borders, kerbstones, statues, tombstones and ornaments. It can also be used for the reinforcement of pegs, screws and anchors in outdoor and indoor areas. The WEICON Repair Stick Concrete can be used in the construction industry, in gardening and landscaping, and many other applications.

▸ 57 g 10025685 ▸ 115 g 10025687

Repair Stick Aluminium

Non-rusting | fast-curing | aluminium-filled | paintable

For the quick and non-rusting repair and bonding of metal parts. For the repair of cracks, holes and leaks in car bodies, gearboxes and tanks, window frames and profiles, and boats and models.

The WEICON Repair Stick Aluminium can be used in machine and system construction, in the automotive industry, in gear construction, window construction, model building and many other applications.

▸ 57 g 10010246 ▸ 115 g 10007711

Type selection table

	Aluminium	Aqua	Concrete	Stainless Steel	Wood	Plastic	Copper	Steel	Titanium	Multi-Purpose
Metals (e.g. aluminium, cast iron, brass, stainless steel)	++	++	+	++	+	+	++	++	++	++
Hard plastics* (e.g. epoxy resin, rigid PVC)	+	++	+	+	+	++	+	+	+	++
Fibre-reinforced materials (e.g. GFRP, CFRP, fibreglass)	+	+	+	+	+	++	+	+	+	+
Wood (e.g oak, beech, spruce, balsa)	+	+	+	+	++	+	+	+	+	+
Derived timber products (e.g. plywood, MDF)	+	+	+	+	++	+	+	+	+	+
Glass, ceramics	+	++	+	+	+	+	+	+	+	++
Stone (e.g. marble, granite, brick, concrete)	+	++	++	+	+	+	+	+	+	++
Rubber / elastomers	-	-	-	-	-	-	-	-	-	-

Highly suitable (++) Suitable (+) Not suitable (-)

*Except for plastics such as polyethylene, polypropylene, polyacetal, polytetrafluoroethylene and other fluorinated hydrocarbons with naturally adhesive-rejecting surfaces. When following the recommendations above, bonding of dissimilar material pairs such as metals and plastics is also possible.


Restoration of a picture frame
Repair Stick Wood


Demo sample
10012467


Repair of a cherub
Repair Stick Concrete



Technical Data

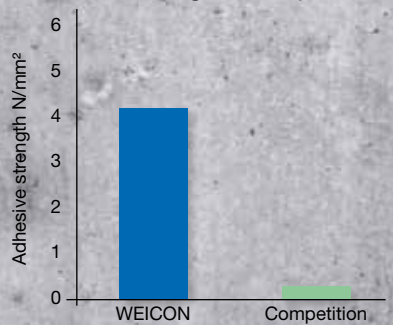
		WEICON Repair-Sticks in non-cured condition									
		Aluminium	**Aqua**	**Concrete**	**Stainless steel**	**Wood**	**Plastic**	**Copper**	**Steel**	**Titanium**	**Multi-Purpose**
NSF Certified to NSF/ANSI 61					✓		✓	✓	✓		✓
Base:		Epoxy resin aluminium fillers	Epoxy resin ceramic fillers	Epoxy resin ceramic fillers	Epoxy resin stainless steel fillers	Epoxy resin mineral fillers	Epoxy resin plastic fillers	Epoxy resin copper fillers	Epoxy resin metal fillers	Epoxy resin titanium fillers	Epoxy resin mineral fillers
Consistency:		modelling compound	modelling compound	modelling compound	modelling compound	modelling compound	modelling compound	modelling compound	modelling compound	modelling compound	modelling compound
Supplied in:		Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick	Stick
Contents:		57 g / 115 g	57 g / 115 g	57 g / 115 g	57 g / 115 g	28 g / 56 g	57 g / 115 g	57 g / 115 g	57 g / 115 g	57 g / 115 g	57 g / 115 g
Mixing proportion by volume resin / hardener (automatically):		1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	1 : 1
Pot life with 10 g material and at +20°C (+68°F) (in minutes):		6	25	5	5	15	15	3-4	5	90	4
Density of the mixture (g/cm³):		1.9	1.9	1.9	2.2	0.9	1.6	1.9	2.2	1.9	1.9
Temperature °C *(°F)*	Processing:*1	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*	+15 to +40 *(+59 to +104)*
	Curing:	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +40 *(+43 to +104)*	+6 to +65 *(+43 to +149)*	+6 to +40 *(+43 to +104)*
Colour after curing:		aluminium-grey	white	concrete-grey	dark-grey	beige	white-blue	copper	dark-grey	brown	white
Gap covering power to max.:*2		15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm	15 mm
Curing time at +20°C (+68°F)	Handling strength (35 % strength) after:	10 min.	30 min.	15 min.	10 min.	45 min.	40 min.	10 min.	10 min.	90 min.	15 min.
	Capable of bearing mechanical loads (80 % strength) after:	60 min.	60 min.	60 min.	60 min.	60 min.	3 h	60 min.	60 min.	8 h	60 min.
	Final strength (100 % strength) after:	24 h	24 h	24 h	24 h	24 h	24 h	24 h	24 h	72 h (24 h at +65 °C/+149 °F)	24 h
		WEICON Repair Sticks in cured condition									
Pressure (DIN EN ISO 604) MPa *(psi)*:		55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*	55 *(7,980)*
Shore hardness D:		80±3	70±3	80±3	80±3	70±3	45±3	80±3	80±3	80±3	80±3
Average tensile shear strength after 7 days at +20°C (+68°F) in accordance with DIN EN 1465 MPa *(psi)*:		Aluminium sandblasted 4,2 *(609)*	Steel sandblasted 6,2 *(899)*	Concrete 4,8 *(696)*	Stainless steel sandblasted 3,9 *(566)*	Beech sanded 6,2 *(899)*	PVC sanded 2,4 *(348)*	Copper sandblasted 4,8 *(696)*	Steel sandblasted 4,1 *(595)*	Steel sandblasted 7,5 *(1.080)*	Steel sandblasted 6,5 *(943)*
Temperature resistance °C *(°F)*:		-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +120, briefly +150 *(-58 to +248, briefly +302)*	-50 to +230, briefly to +260 *(-58 to +446, briefly to +500)*	-50 to +120, briefly to +150 *(-58 to +248, briefly to +302)*
Thermal conductivity (DIN EN ISO 22007-4):		0.65 W/m·K	0.50 W/m·K	0.50 W/m·K	0.60 W/m·K	0.30 W/m·K	0.40 W/m·K	0.70 W/m·K	0.60 W/m·K	0.50 W/m·K	0.40 W/m·K
Linear shrinkage:		< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%
Electrical resistance (DIN IEC93)		$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm	$3 \cdot 10^{10}$ Ω·cm	$5 \cdot 10^{11}$ Ω·cm
Dielectric strength (ASTM D 149):		3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	3.0 kV/mm	11.8 kV/mm	3.0 kV/mm
Thermal expansion coefficient (ISO 11359):		30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K	30-40 · 10^{-6} 1/m·K

*1 For easier workability when ambient temperatures are low, the sticks should be warmed up to room temperature (20°C/+68°F) before application.
*2 Max. 15 mm per procedure

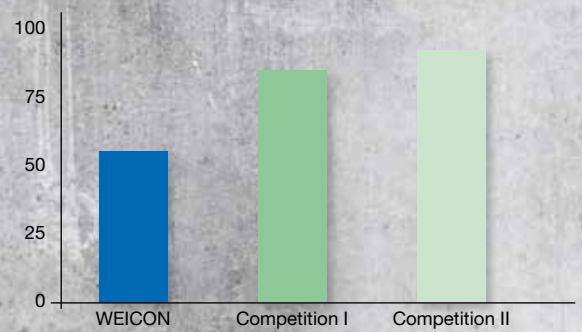
Test Results

We have conducted a series of laboratory tests to compare sticks from various countries. Some of the test results are summarised in the tables shown below.

Adhesive strength of Repair Stick Aqua



Shore hardness D Repair Stick Plastic after completely hardening





Repair-Tape

Repair-Tapes

Flexible, durable and self-fusing repair tape made of fibreglass-reinforced plastic for fast emergency repairs in indoor or outdoor areas. The Repair-Tape is soaked with a special resin and is activated by contact with water.

It enables a very easy and fast application as well as very high adhesive strength on nearly all surfaces. After just 30 minutes, the tape is fully cured and hard-wearing. After curing, the tape can be sanded and painted.

The tape can be applied without additional tools and is used for reliable and durable repairs in industrial applications, skilled trades, around the house, and in the camping and DIY sector.

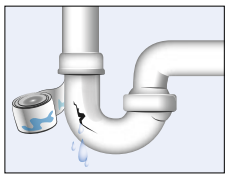


▸ 5 cm x 1,5 m	▸ 5 cm x 3,5 m	▸ 10 cm x 3,5 m	▸ 12 cm x 10 m
10057453	10057454	10057455	10057459
white	white	white	white

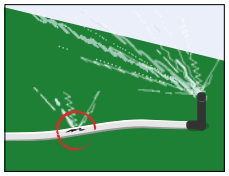


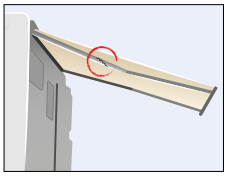
Attachment and alignment to hose covers and couplings on bunker station in harbour
Repair-Tape White

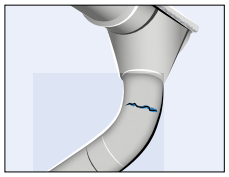


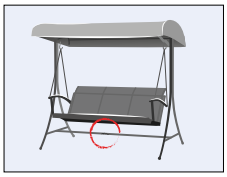






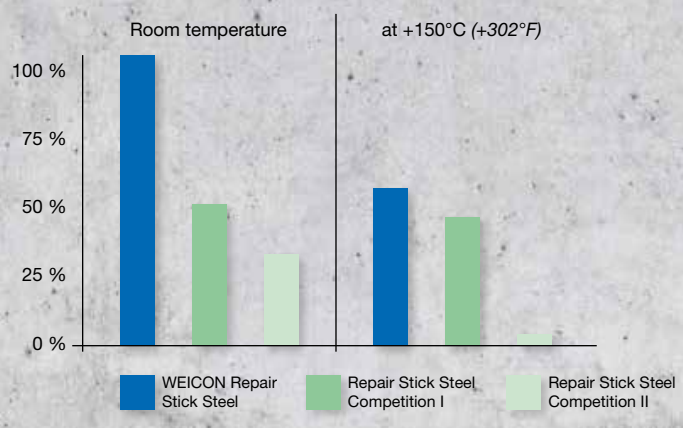




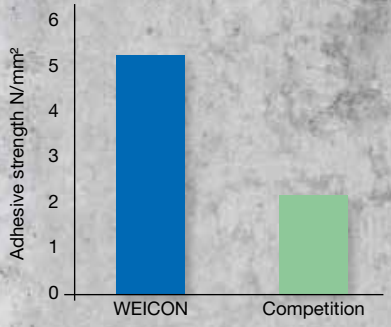


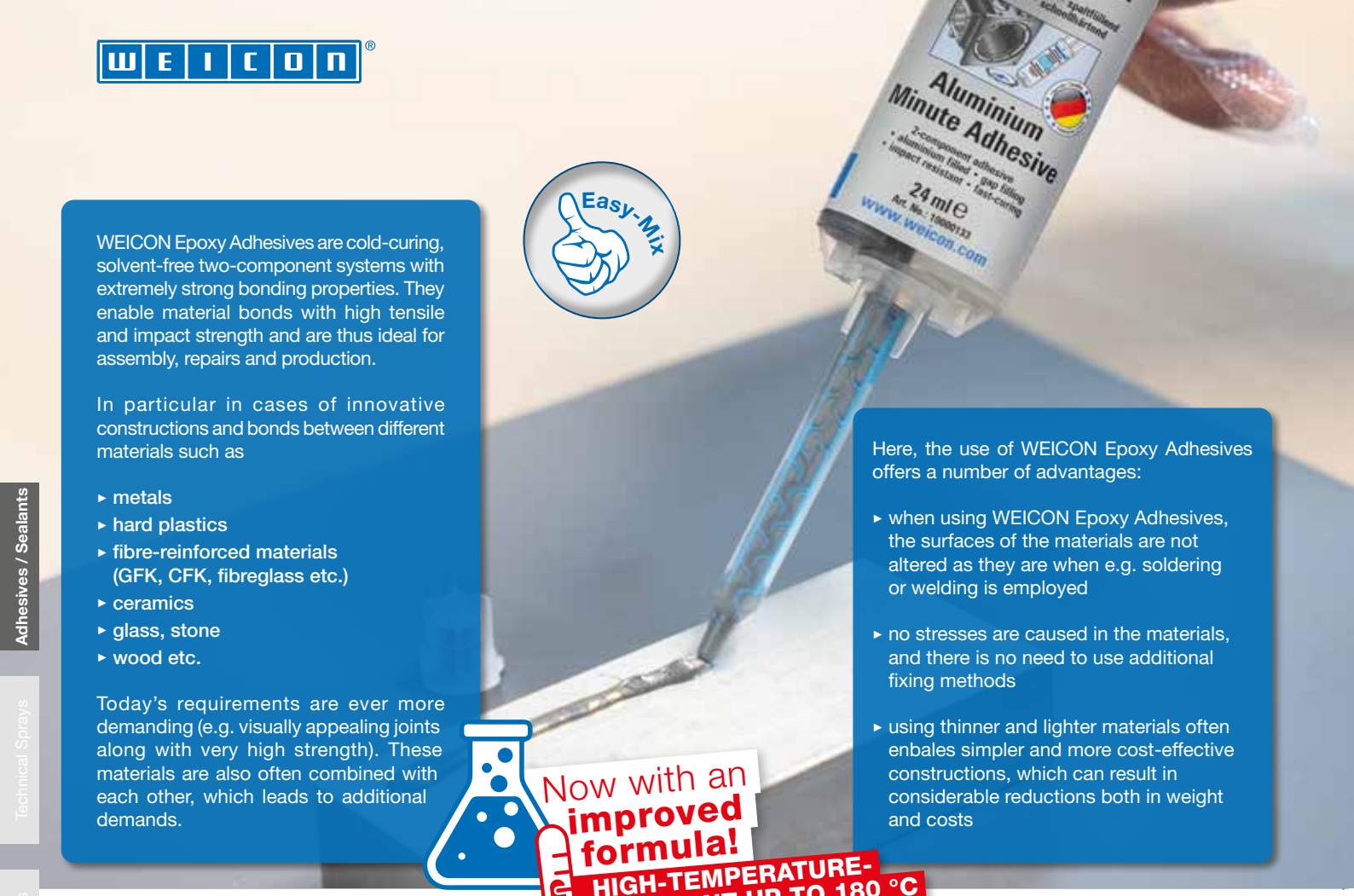
VIDEO

Tensile shear strength on steel



Adhesive strength of Repair Stick Steel





WEICON Epoxy Adhesives are cold-curing, solvent-free two-component systems with extremely strong bonding properties. They enable material bonds with high tensile and impact strength and are thus ideal for assembly, repairs and production.

In particular in cases of innovative constructions and bonds between different materials such as

- **metals**
- **hard plastics**
- **fibre-reinforced materials (GFK, CFK, fibreglass etc.)**
- **ceramics**
- **glass, stone**
- **wood etc.**

Today's requirements are ever more demanding (e.g. visually appealing joints along with very high strength). These materials are also often combined with each other, which leads to additional demands.

Here, the use of WEICON Epoxy Adhesives offers a number of advantages:

- when using WEICON Epoxy Adhesives, the surfaces of the materials are not altered as they are when e.g. soldering or welding is employed
- no stresses are caused in the materials, and there is no need to use additional fixing methods
- using thinner and lighter materials often enbales simpler and more cost-effective constructions, which can result in considerable reductions both in weight and costs

Now with an **improved formula!**
HIGH-TEMPERATURE-RESISTANT UP TO 180 °C

Epoxy Minute Adhesive

improved formula

High-temperature resistant | viscous | fast-curing

Universally applicable, two-component epoxy resin system. The adhesive is resistant to high temperatures up to +180 °C, viscous and self-levelling. Very short pot life and fast-curing. The transparent adhesive is suitable for craft applications or demanding DIY projects.

- 24 ml

10000133



Fast-Metal Minute Adhesive

improved formula

High-temperature resistant | gap-filling | fast-curing

2-component epoxy resin system for repairs and bonding where larger tolerances need to be bridged. High gap-filling capacity. Suitable for rough and poorly fitting surfaces. Fills cracks, cavities and uneven areas.

High temperature resistance up to +180 °C and extremely strong adhesion. Highly-filled, pasty, very short pot life and fast-curing. Allows for impact-resistant bonds with high tensile and impact strength.

- 24 ml

10007785



Aluminium Minute Adhesive

improved formula

Resistant to high temperatures | pasty | high impact resistance

For bonding aluminium and other light metals to each other. Can be used to fill cracks and holes (e.g. on aluminium housings) and to repair light alloy wheels.

Epoxy adhesive: resistant to high temperatures up to +180 °C, low-odour, two-components, aluminium-filled. Cures quickly at room temperature. Gap-filling and non-dripping (thixotropic) with very high tensile and impact strength.

- 24 ml

10051229



Epoxy Minute Adhesive Set

Comprising:
Epoxy Minute Adhesive, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

- Set

10057686

Fast-Metal Minute Adhesive Set

Comprising:
Fast-Metal Minute Adhesive, 2 x Wooden Spatula small, PE gloves

- Set

10058777

Aluminium Minute Adhesive Set

Comprising:
Aluminium Minute Adhesive, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

- Set

10058776

Epoxy Adhesives



Easy-Mix S 50

improved formula

Resistant to high temperatures | extremely strong adhesion | very short pot life

High-temperature resistant epoxy adhesive for fast repair and maintenance work. Perfect for industrial series production with short cycle times.

The adhesive offers high temperature resistance up to +180°C, extremely strong adhesion and high tensile strength. It is viscous, self-levelling, has a very short pot life and cures fast.

▸ 50 ml
10005230

Easy-Mix S 50 Set NEW

Comprising:
Easy-Mix S 50, Quadro Mixing Nozzle A, WEICON Manual Dispenser

▸ 50 ml
10102958

Easy-Mix S 50 yellow

improved formula

Visually identifiable casting compound | resistant to high temperatures | fast-curing | impact-resistant

Highly reactive casting compound – can also be used as an adhesive owing to its high adhesive strength and short curing time. The epoxy resin system, which is resistant to high temperatures of up to +180 °C, is viscous, self-levelling, cures quickly and is impact-resistant in its hardened state. The casting compound has a short pot life of 4-5 minutes and adheres excellently to many different surfaces.

▸ 50 ml
10017543



Easy-Mix N 50

improved formula

Strong adhesion | viscous | long pot life

2-component epoxy adhesive for manufacturing processes. Thanks to long pot life, highly suitable for production processes with time-delayed assembly and positioning sequences. Impact-resistant, shock-resistant, self-levelling, viscous and with high tensile strength after curing. Can be used on numerous materials such as metal, plastic, fibre composites, ceramics, glass, stone or wood.

▸ 50 ml
10005231

Easy-Mix N 5000

improved formula

Transparent | strong adhesion | short pot life

Transparent 2-component epoxy adhesive for bonds where an attractive appearance is important. Strong adhesion, liquid and self-levelling. Pot life of approx. 17 minutes. Can be used on numerous materials such as metal, plastic, fibre composites, glass, stone or wood. Suitable for areas where an attractive appearance is crucial: production of design objects, furniture manufacturing, trade fair construction, shop fitting etc.

▸ 50 ml
10016374

Easy-Mix Metal

UL-TESTED improved formula

High-temperature resistant | pasty | fast-curing

Special 2-component epoxy resin system for bonding metal parts. Pasty, fast-curing and resistant to high temperatures up to +180 °C. Cures to form a viscoplastic and impact-resistant bond with high tensile and impact strength. Especially suitable for bonding applications where larger tolerances need to be bridged.

▸ 50 ml
10018047

Easy-Mix HT 250

ABS UL-TESTED

Very high temperature resistance up to +200 °C (+392 °F), briefly up to +250 °C (+482 °F) | high adhesion to metals | high thermal conductivity and high resistance to aggressive media and powder coatings

▸ 50 ml
10056568

The ideal adhesives for POWDERCOATING HT 180 and HT 250

Easy-Mix HT 180

UL-TESTED

High temperature resistance | steady | shock- and impact resistant

▸ 50 ml
10044884



WEICON Easy-Mix Mixing and Dosing System

Thanks to the modern mixing and dosing system, all types can be cleanly and accurately dosed, mixed and applied automatically in just one step.

That way, a uniform quality and process safety is guaranteed in a production series.

Product advantages:

- ready for use
- dosing, mixing and application in just one working step
- tedious mixing by hand is no longer necessary, so no mixing and dosing mistakes are possible
- speedy in application
- faster cycle times in series production possible
- economical in use, as minimal material wastage

Information on the mixing and dispensing system can be found **HERE**





FOR ALL **COMMON**
50 ML
DOUBLE CARTRIDGES



Manual Dispenser NEW

Easy to use | economical

Application aid for Easy-Mix products in 50 ml cartridge. Pusher for mixing ratios 1:1, 2:1 and 10:1.



Dispenser Easy-Mix D 50

Robust, fracture-resistant construction of fibreglassreinforced plastic (polyamide) with a metal trigger.

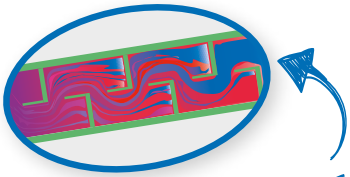
10005237

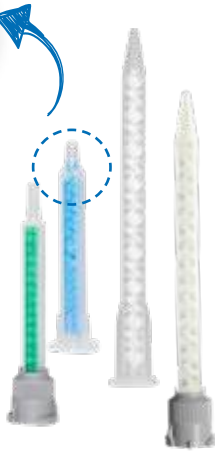


▸ 1:1 / 2:1
10101999



▸ 10:1
10102860





Quadro Mixing Nozzle A-System

10005236

Quadro Mixing Nozzle B-System

10029793

Helix Mixing Nozzle A-System

10026925

Helix Mixing Nozzle B-System

10030395

Epoxy Adhesives

Type selection table

	Easy-Mix S 50	Easy-Mix S 50 yellow	Easy-Mix N 50	Easy-Mix N 5000	Easy-Mix Metal	Easy-Mix HT 180	Easy-Mix HT 250	Epoxy Minute Adhesive	Aluminium Minute Adhesive	Fast Metal Minute Adhesive
Metals (e.g. aluminium, cast iron, brass, stainless steel)	++	++	+	++	++	++	++	+	++	++
Hard plastics* (e.g. rigid PVC)	++	++	++	++	+	+	-	+	+	+
Fibre-reinforced materials (e.g. GRP, CFRP, fi breglass)	++	++	+	++	++	++	+	+	+	+
Wood (hardwood and softwood)	+	+	+	++	+	+	+	+	+	+
Balsa wood	++	++	++	+	+	+	+	++	+	+
Timber products (e.g. plywood)	+	+	+	+	+	+	+	+	+	+
Glass ceramics	+	+	+	+	+	+	+	+	+	+
Stone (e.g. marble, granite, brick, concrete)	++	++	++	++	++	+	++	++	+	+
Rubber / elastomers	-	-	-	-	-	-	-	-	-	-

Highly suitable (++) Suitable (+) Not suitable (-)

*Except for plastics such as polyethylene, polypropylene, polyacetat, polytetrafluoroethylene and other fluorinated hydrocarbons with naturally adhesive-rejecting surfaces.
When following the recommendations above, bonding of dissimilar material pairs such as metals and plastics is also possible.

Chemical resistance of Epoxy Resin Systems after curing*

Medium	Resistance
Acetone	o
Ammoniac fumes	+
Petrol	+
Butyl acetate	+
Butyl alcohol	+
Calcium hydroxide	+
Calcium sulphate	+
Chlorine gas, liquid and dry	+
Chlorinated water	+
Chromic acid	+
Diesel fuel oil	+
Crude oil and crude oil products	+
Ethylcellulose	+
Formaldehyde	o
Glycerine	+
Glycol	o
Caustic potash solution	+
Potassium carbonate	+
Kerosene (Jetfuel JP 4)	+
Sodium chloride solution	+
Carbon dioxide	+
Aliphatic hydrocarbons	+
Aromatic hydrocarbons	-
Lactose	+

Medium	Resistance
Machine oil	+
Methanol Ethanol	+
Lactic acid	-
Motor oil	+
Naphthalene	-
Sodium chloride	+
Sodium carbonate	+
Sodium hydroxide	+
Petroleum	+
Phosphoric acid (0-5%)	+
Phosphoric acid (5-10%)	o
Hydrochloric acid	o
Nitric acid	-
Sulphur dioxide	+
Carbon disulphide	+
Sulphuric acid	-
Toluene	-
Xylene	-
Citric acid	+

+ = resistant **o = resistant for a limited time** **- = not resistant**

The a.m. resistances are a short excerpt.
Further chemical resistances are available upon request.
*The storage of all WEICON Epoxy Adhesives was carried out at +20° C chemical temperature .





Technical Data

		WEICON Epoxy Adhesives in liquid condition				
		improved formula Easy-Mix S 50	improved formula Easy-Mix S 50 yellow	improved formula Easy-Mix N 50	improved formula Easy-Mix N 5000	improved formula Easy-Mix Metal
Base:		epoxy resin, non-filled	epoxy resin, non-filled	epoxy resin, non-filled	epoxy resin, nonfilled	epoxy resin, high-filled
Texture:		liquid	liquid	liquid	liquid	pasty, gap-filling
Colour:		pale yellow, clear	yellow	pale yellow	almost colourless, crystal clear	grey
Supplied in:		double cartridge	double cartridge	double cartridge	double cartridge	double cartridge
Minimum shelf life:		18 months	18 months	18 months	18 months	18 months
Mixing proportion by volume resin / hardener (automatically):		1 : 1	1 : 1	1 : 1	1 : 1	1 : 1
Pot life with 10 ml material at +20°C (+68°F)		4-5 min.	4-5 min.	35 min.	17 min.	4-5 min.
Cure time at +20 °C (+68 °F)	Handling strength (35 % strength) after:	13 min.	17 min.	3 h	3,5 h	20 min.
	Working strength (80 % strength) after:	20 min.	30 min.	15 h	7 h	40 min.
	Final strength (100 % strength) after:	24 h	24 h	48 h	48 h	24 h
Density of the mixture (g/cm³):		1.2	1.2	1.1	1.1	1.8
Viscosity of the mixture at +25 °C *(+77 °F)*:		4,500 MPa	4,500 MPa	5,000 MPa	5,000 MPa	55,000 MPa
Temperature	Processing*1:	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+59 to +104 °F)
	Cure:	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F
Gap covering power to max.*2:		2 mm	2 mm	2 mm	2 mm	4 mm
		WEICON Epoxy Adhesives in fully-cured condition				
Compressive strength MPa *(psi)* (DIN EN ISO 604):		55	30	80	10	30
Tensile strength MPa *(psi)* (DIN EN ISO 527-2):		50	39	51	50	28
Elongation at break (tensile) DIN EN ISO 527-2		2.7 %	2.0 %	3.6 %	2.4 %	0.6 %
E-modulus (tensile) DIN EN ISO 527-2 MPa *(KSI)*		2,200 - 2,400 (320 - 350)	1,800 - 2,100 (260 - 300)	1,900 - 2,200 (280 - 320)	2,000 - 2,300 (290 - 330)	4,100 - 4,600 (590 - 670)
Bending strength MPa *(psi)* (DIN EN ISO 178):		58 (8,400)	58 (8,400)	50 (7,300)	50 (7,300)	58 (8,400)
Hardness (Shore D) (DIN ISO 7619):		82±3	81±3	81±3	82±3	83±3
Lap shear strength material thickn. DIN EN 1465:	Steel sandblasted N/mm²:	22	21	22	16	20
	Stainless steel V2A sandblasted N/mm²:	26	23	31	18	20
	Aluminium sand-blasted N/mm²:	13	12	14	11	10
	Galvanized steel N/mm²:	16	13	22	13	19
	PVC-rigid roughened N/mm²:	13	13	11	14	11
Shrinkage:		1.41 %	1.06 %	0.08 %	0.97 %	0.49 %
Temperature resistance:		-50 to +180 °C (-58 to +356 °F)	-50 to +180 °C (-58 to +356 °F)	-50 to +150 °C (-58 to +212 °F)	-50 to +100 °C (-58 to +212 °F)	-50 to +180 °C (-58 to +356 °F)
T_g after curing at room temp. (DSC):		44.7 °C	---	48.6 °C	52.4 °C	44.3 °C
T_g after tempering at 120 °C (DSC):		---	---	49.8 °C	54.2 °C	-

*1 For easier workability when ambient temperatures are low, the double cartridges should be warmed up to room temperature (20°C/+68°F) before application.
*2 These specifications depend on the type and condition of the bonding materials and are only relevant for adhesive bondings. When casting e.g. electronic components, a layer thickness of 10 mm should not be exceeded.

Epoxy Adhesives

Technical Data

		WEICON Epoxy Adhesives in liquid condition				
		Easy-Mix HT 180	Easy-Mix HT 250	improved formula Epoxy Minute Adhesive	improved formula Aluminium Minute Adhesive	improved formula Fast-Metal Minute Adhesive
Base:		epoxy resin, mineral-filled	epoxy resin	epoxy resin, non-filled	epoxy resin, aluminium-filled	epoxy resin, high-filled
Texture:		pasty, gap-filling	viscous	liquid	viscous, gap-filling	pasty, gap-filling
Colour:		black	grey	pale yellow, clear	aluminium	grey
Supplied in:		double cartridge	double cartridge	double syringe	double syringe	double syringe
Minimum shelf life:		18 months	18 months	18 months	18 months	18 months
Mixing proportion by volume resin / hardener (automatically):		2 : 1	2 : 1	1 : 1	1 : 1	1 : 1
Pot life with 10 ml material at +20°C (+68°F)		60 min.	150 min.	4-5 min.	4-5 min.	4-5 min.
Cure time at +20 °C (+68 °F)	Handling strength (35 % strength) after:	120 min.	8 h	13 min.	30 min.	20 min.
	Working strength (80 % strength) after:	4 h	14 h	20 min.	1 h	40 min.
	Final strength (100 % strength) after:	24 h	24 h	24 h	24 h	24 h
Density of the mixture (g/cm³):		1.1	2.1	1.2	1.2	1.8
Viscosity of the mixture at +25 °C *(+77 °F)*:		pasty	38,000 mPa·s (cP)	4,500 MPa	11,000 MPa	55,000 MPa
Temperature	Processing*1:	+10 to +40 °C (+50 to +104 °F)	+10 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+50 to +104 °F)	+15 to +40 °C (+59 to +104 °F)	+15 to +40 °C (+59 to +104 °F)
	Cure:	+10 to +50 °C (+50 to +122 °F)	+10 to +50 °C (+50 to +122 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F)	+6 to +40 °C (+43 to +104 °F
Gap covering power to max.*2:		4 mm	4 mm	2 mm	4 mm	4 mm
		WEICON Epoxy Adhesives in fully-cured condition				
Compressive strength MPa *(psi)* (DIN EN ISO 604):		52 (7,540)	60 (8,700)	55	40	30
Tensile strength MPa *(psi)* (DIN EN ISO 527-2):		27 (3,910)	50 (7,200)	50	34	28
Elongation at break (tensile) DIN EN ISO 527-2		---	---	2,7 %	1,1 %	0,6 %
E-modulus (tensile) DIN EN ISO 527-2 MPa *(KSI)*		2,300 - 2,700 (330 - 390)	4,000 - 5,000 (600 - 730)	2,200 - 2,400 (320 - 350)	2,200 - 2,700 (320 - 390)	4,100 - 4,600 (590 - 670)
Bending strength MPa *(psi)* (DIN EN ISO 178):		46 (6,670)	40 (5,800)	58 (8,400)	58 (8,400)	58 (8,400)
Hardness (Shore D) (DIN ISO 7619):		80	90	82±3	76 ± 3	83±3
Lap shear strength material thickn. DIN EN 1465:	Steel sandblasted N/mm²:	23	20	22	18	20
	Stainless steel V2A sandblasted N/mm²:	24	---	26	19	20
	Aluminium sand-blasted N/mm²:	13	15	13	15	10
	Galvanized steel N/mm²:	8	---	16	17	19
	PVC-rigid roughened N/mm²:	11	---	13	11	11
Shrinkage		0.3 %	approx. 0.7 %	1.41 %	0.8 %	0.49 %
Temperature resistance:		-50 to +180 °C (-58 to +356 °F) briefly up to +230 °C (+446 °F)	-50 to +200 °C (-58 to +392 °F) briefly up to +250 °C (+482 °F)	-50 to +180 °C (-58 to +356 °F)	-50 to +180 °C (-58 to +356 °F)	-50 to +180 °C (-58 to +356 °F)
T_g after curing at room temp. (DSC):		54.4 °C	~ +65 °C	44.7 °C	---	44.3 °C
T_g after tempering at 120 °C (DSC):		44.7 °C	---	---	---	-



For making:

- vibration dampers
- assembling jigs
- flexible seals
- rubber-like prototypes
- foundry patterns and forms

For repairs on:

- conveyor belts
- solid rubber tyres
- conveyor rollers

For coatings on:

- rollers
- centrifuges
- polishing drums
- bulk containers
- chutes and funnels
- dry and wet mixers
- pumps
- housings
- centrifuges
- tanks
- loading areas

In addition, WEICON Urethanes are perfectly suitable as vibration or insulation protection of machines.

VIDEO

WEICON Belt Repair-Kit

Pasty | highly elastic, wear-resistant, impact- and abrasion resistant | high resistance to chemicals and pressure

WEICON Belt Repair-Kit is a 2-component polyurethane system for the fast repair and coating of rubber surfaces.

It has a high curing speed, high elasticity and wear resistance, is impact-resistant and abrasion-resistant, and has a particularly high tear resistance. Thanks to its high mechanical strength, it is suitable especially for repairs on rubber and metal components, which are exposed to impacts, abrasion or vibrations.

The Belt Repair- Kit offers fast and easy processability. After just 30 minutes, the treated surface can already be sanded and smoothed.

The system is suitable for various applications, such as the repair and coating of conveyor belts, the repair of rubber coatings, for use as flexible wear protection, and for the fast repair of worn-out rubber surfaces.

In addition to the polyurethane system, the set comprises a primer for surface pre-treatment, and a spatula to spread the compound evenly.

In order to cover a broader application range, in addition to the classic 500 g working package, which needs to be mixed by hand, the product is also available as easy-to-use 540 g double cartridge.



Belt Repair-Kit 550
- 500 g + 1K Primer G 50 g

10055014



Belt Repair-Kit 590
- 540 g + 1K Primer G 50 g

10052425

WEICON Belt Repair-Kit SF

Pasty | fast curing | highly elastic | wear-resistant | impact- and abrasion-resistant | high resistance to chemicals and pressure

WEICON Belt Repair-Kit SF is a fast curing 2-component polyurethane system. With high elasticity and wear resistance, it is impact-resistant and abrasion-resistant, and has a particularly high tear resistance. Especially suited for the fast and reliable repair of conveyor belts and for the repair and coating of rubber surfaces. Short processing time of two to three minutes. Loadable after one hour. Fully cured after three hours.

Belt Repair-Kit SF
- 540 g + 1K Primer G 50 g

10062980



	Belt Repair-Kit Technical Data Urethane 85	Belt Repair-Kit SF Technical Data Urethane 85 SF
Base	polyurea	
Mixing ratio by weight	10:100	10:100
Viscosity of the mixture	pasty	pasty
Pot life	20 min.	3 min.
Working strength/ demouldable after (20 °C)	6-8 h	1 h
Final strength	24 h	3 h
	Technical Data Primer	
Texture	viscous	
Colour	black	
Minimum shelf life at room temperature	18 mon.	
Processing temperature	up to +80 °C	
Density of the mixture	0.9 g/cm³	
Consumption	150 - 200 g/m²	



Polyurethane Systems

Urethanes

Urethane 45

Shore hardness: A 45

- 500 g

10022361

Urethane 60

Shore hardness: A 60

- 500 g

10022363

Urethane 80

Shore hardness: A 80

- 500 g

10012368

Urethane 85

Shore hardness: A 85

- 500 g

10057130
package

- 540 g

10057188
cartridge

Urethane 90 SF

Shore hardness: D 90

- 550 g

10053974

VIDEO

Urethane 85 SF

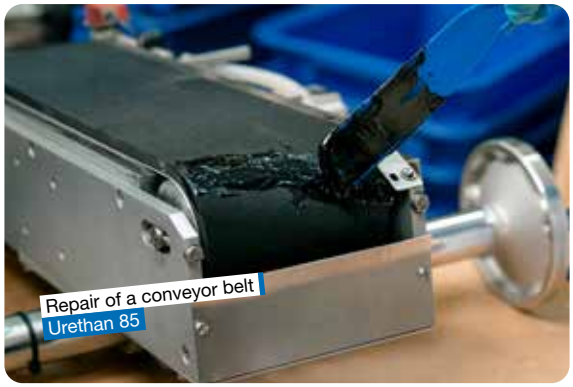
High wear resistance | fast curing | pasty
Shore hardness: A 85

WEICON Urethan 85 SF is a special, pasty polyurethane for coating and repairing rubber surfaces. For example, conveyor belts in industrial plants, in open-pit mining or in mines can be repaired with the polyurethane. Urethan 85 SF has a very high wear resistance.

It is free of solvents and is applied at room temperature. Before processing, the surface to be treated must be roughened thoroughly and then wetted with a special two-component primer (rubber primer), otherwise no adhesion to the surface will be developed. The processing time is two to three minutes. No additional heating is necessary for curing. Surfaces coated with Urethan 85 SF are loadable after one hour. Full curing is completed after three hours. A special primer is available for coating metal surfaces.

- 540 g

10062978
cartridge





Dispenser 2C 10:1

Recommended for the 2-component 540g cartridge.

10057514



1K Primer G

Special one-component primer for bonding rubber materials.

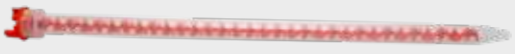
10104191



Mixing Nozzle MFHX

Suitable for Urethane 85 and Urethane 85 SF (540g cartridge)

10057191





Technical Data:

	Urethane 45	Urethane 60	Urethane 80	Urethane 85	Urethane 85 SF	Urethane 90 SF
Base	polyurea	polyurethan	polyurethane	polyurea	polyurea	polyurethane
Colour	light beige	light beige	light beige	black	black	brown
Minimum shelf life	12 mon.	12 mon.	12 mon.	12 mon.	12 mon.	12 mon.
Relative air humidity	<70 %	<70 %	<70 %	<70 %	<70 %	<70 %
Mixing ratio by weight	100:180	100:150	100:80	10:100	1:10	100:23
Mixing ratio by volume	100:198	100:165	100:88	10:104	---	100:31
Viscosity resin (at +25 °C)	5.000 mPa·s	5.000 mPa·s	5.000 mPa·s	---	600 mPa·s	---
Viscosity hardener (at +25 °C)	500 mPa·s	520 mPa·s	190 mPa·s	---	13.000 mPa·s	---
Viscosity of the mixture (at +25 °C)	1.500 mPa·s	1.500 mPa·s	2.000 mPa·s	---	4.500 mPa·s	3.000 mPa·s
Density of the mixture	1,04 g/cm³	1,04 g/cm³	1 g/cm³	1,1 g/cm³	1,1 g/cm³	1,6 g/cm³
Pot life	25 min.	25 min.	25 min.	20 min.	3 min.	8 min.
Working strength after	12 - 20 h	12 - 20 h	12 - 20 h	6-8 h	1 h	2 - 3 h
Final strength (100 % strength)	48 h	48 h	48 h	24 h	3 h	24 h
Tensile strength DIN EN ISO 527-2	3,5 MPa	5 MPa	8 MPa	7,8 MPa	8,4 N/mm²	---
Elongation at break (tensile) DIN EN ISO 527-2	1450 %	1250 %	600 %	470 %	590 %	---
Tear resistance	7,5 kN/m	10 kN/m	15 kN/m	31 kN/m	31 kN/m	---
Hardness (Shore A)	45	60	80	85	approx. 85±3	90
Lap shear strength material thickness 1,5 mm DIN EN 1465 – Steel 1.0338 sandblasted	---	---	---	8 N/mm²	---	22 N/mm²
Lap shear strength material thickness 1,5 mm DIN EN 1465 – Stainless steel V2A sandblasted	---	---	---	8 N/mm²	---	25 N/mm²
Lap shear strength material thickness 1,5 mm DIN EN 1465 – Aluminium sandblasted	---	---	---	7 N/mm²	---	14 N/mm²
Lap shear strength material thickness 1,5 mm DIN EN 1465 – Galvanized steel	---	---	---	4 N/mm²	---	7 N/mm²
Temperature resistance	-60 °C to +90 °C (-76 - +194 °F)	-60 °C to +90 °C (-76 - +194 °F)	-60 °C to +90 °C (-76 - +194 °F)	wet: -60 °C to +60 °C (-76 - +140 °F) dry: -60 °C to +100 °C (-76 - +212 °F)	wet: -60 °C to +80 °C (-76 - +176 °F) dry: -60 °C to +100 °C (-76 - +212 °F)"	-60 °C to +90 °C (-76 - +194 °F)

Pre-treatment of the surface and accessories



Primer M 100

For non-absorbent materials like aluminium, steel, stainless steel, brass, zinc, tinplate, plastics like PA 6.6, GRP, PUR, lacquered surfaces, enamel, ceramic and coated glass.

- 25 ml 10060606
- 250 ml 10023566

Primer S 300

For porous and absorbent materials like wood, concrete, stone, etc.

- 25 ml 10060610
- 250 ml 10023568

1K Primer G

Special one-component primer for bonding rubber materials.

- 50 ml 10104191

Urethane Colour Paste

Special colour paste on the basis of finely dispersed pigments.

- 250 ml 10024676

Primer Applicator

For application of WEICON Primer.

10032350



Polyurethane Systems

Urethanes

Technical Data:

Material		Recommended pre-treatment
ABS		Surface Cleaner
Aluminium	blank	Surface Cleaner + roughening + Primer M 100
	chromated	Surface Cleaner
	anodized	Surface Cleaner + Primer M 100
	powder-coated	Surface Cleaner + Primer M 100
	base-coated	Surface Cleaner
	lacquered	Primer M 100
EPDM		poor adhesion, even with the use of a primer
GFK	smooth/rough side	Primer M 100
	in strips	Primer M 100
	hand laminate	Primer M 100
Glass	untreated, clear	Primer M 100**
	ceramic-coated	Primer M 100*
Wood	phenol-coated (serigraphy plate)	Surface Cleaner + roughening + Primer M 100
	untreated	cleaning with a moist cloth + Primer S 300
PA (polyamide)		Primer M 100*
PIR Rigid foam (polyisocyanurat)		Surface Cleaner
PMMA (acrylic glass)		Primer M 100*
Polywood		roughening + Surface Cleaner
PS	rigid foam	Surface Cleaner
	plates	not recommended for Urethane applications
PUR Rigid foam		Surface Cleaner
PUR Elastomer		Surface Cleaner + Primer M 100
PVC	plates	Surface Cleaner
	rigid foam	Plastic Cleaner
Steel	blank	Surface Cleaner + Primer M 100
	chromated	Surface Cleaner
	foil-coated	not recommended for Urethane applications
	base-coted	Surface Cleaner + Primer M 100
	lacquered	Surface Cleaner + Primer M 100
	powder-coated	Surface Cleaner + Primer M 100
	VA (stainless steel)	Surface Cleaner + roughening + Primer M 100
	galvanized	Surface Cleaner + roughening + Primer M 100

* preliminary tests required

** protect from UV-light

Consumption:

Layer thickness (mm):	Consumption per m² (kg)	
	Urethane 45, 60, 80, 85	Urethane 90 SF
0.20*	0.21	0.32
0.50	0.53	0.80
1.00	1.05	1.60
1.50	1.60	2.40
2.00	2.10	3.20
2.50	2.65	4.00
3.00	3.20	4.80
3.50	3.70	5.60
4.00	4.20	6.40

*Min. layer thickness





Fast Reliable Strong adhesion

Easy-Mix

High-strength, fast-curing 2-component structural adhesives based on polyurethane with excellent adhesion to a broad range of materials. The high-viscosity formulation enables application even on vertical surfaces. The 2-component system also provides fast and controlled curing. This makes the adhesive bonding process virtually independent of layer thickness, humidity and ambient temperature.

The following materials can be bonded among themselves or to each other with a high tensile, shearing and impact strength:

- **fibre composite materials (e.g. EP-GRP, UP-GRP, CFC, SMC and fibreglass)**
- **plastics (e.g. PVC, ABS, PMMA, PC and phenol)**
- **polyurethane, epoxies and polyester**
- **steel, aluminium and stainless steel**
- **wood, ceramic, etc.**

WEICON Easy-Mix PU-90 / PU-240 / PU Crystal adhesives are characterised by the following properties:

- fast initial strength
- immediate adhesion even to vertical surfaces, no dripping, can be modelled
- high tensile, shear and impact strengths
- permanently elastic/impact resistant, low shrinkage
- for indoor and outdoor use
- resistant to weathering and chemicals
- can be sanded and painted after approx. 30 minutes
- neutral to materials
- temperature-resistant from -40°C to +125°C (-40 to +257°F)





Easy-Mix PU-90

High-strength | extremely fast-curing | highly viscous | pot life of 90 seconds

- 50 ml

10031972



Easy-Mix PU-240

High-strength | extremely fast-curing | highly viscous | pot life of 240 seconds

- 50 ml

10031974



Easy-Mix PU Crystal

High-strength | fast-curing | UV-resistant | for transparent and visually appealing adhesive bonds | pot life approx. 120 - 240 seconds

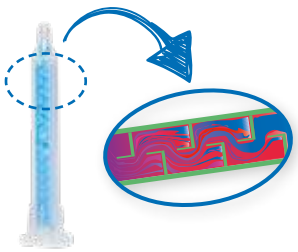
- 50 ml

10058022



Dispenser Easy-Mix D 50

10005237



Quadro Mixing Nozzle A-System

10005236

Manual Dispenser NEW

Easy to use | economical

Application aid for Easy-Mix products in 50 ml cartridge. Pusher for mixing ratios 1:1 and 2:1.

10101999







Polyurethane Systems

PU-90
PU-240



Production of plastic sandwich panels PU-90



Gluing an aluminium pipe onto a plastic front panel PU-240

Chemical resistance of WEICON Polyurethane Systems after curing

Acetone	-	Methyl ethyl ketone	-
Alcohol	0	Mineral and synthetic motor oil	+
Formic acid (concentrated)	-	20% Sodium hydroxide solution	-
10% Ammonia	0	5% Phosphoric acid	+
Petrol (92 to 100 octane)	-	Phosphoric acid (concentrated)	-
Diesel/heating oil	-	2-Propanol	-
Glycol ether	-	5% Nitric acid	-
> 5% Acetic acid	-	5% Hydrochloric acid	+
Ethanol	-	Salt water/seawater	+
Freon	-	5% Sulphuric acid	o
Antifreeze	+	Silicone oil (concentrated)	-
Gear oil	-	Edible oil/vegetable oil	-
Glycerine (glycol)	+	Toluene	+
Hydraulic oil	0	Naphtha	+
20% Caustic potash solution	+	Water	+
Ketones	-	Water, +90°C	o
Cooling lubricant, water-dilutable	+	W3% Hydrogen peroxide	+
Thinner	-	Paraffin oil	+
Lyes, thinned	+	Xylene	+
Methanol	-	10% Citric acid	+

+ = resistant 0 = resistant for a limited time - = not resistant

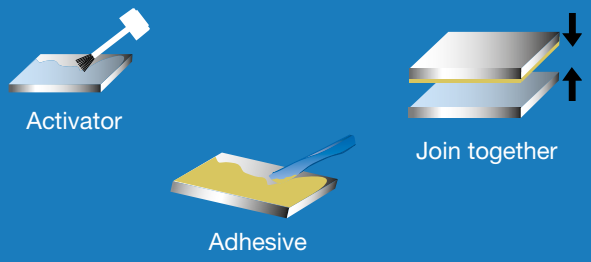
Technical Data

		Easy-Mix PU-90	Easy-Mix PU-240	Easy-Mix PU Crsytal
Base		polyurethane	polyurethane	polyurethane
Mixing ratio resin/hardener		1 : 1	1 : 1	1 : 1
Colour after curing		black	black	crystal-clear
Density of the mixture		1.30 - 1.35 g/cm³	1.30 - 1.35 g/cm³	1.13 g/cm³
Pot life at +20 °C *(+68 °F)*		90 sec.	240 sec.	2 - 4 min.
Handling strength (35 %) after		5 min.	10 min.	30 min.
Mechanical loads (50 % strength) after		10 min.	30 min.	60 min.
Final strength (100 %) after		12 h	12 h	12 h
Adhesive gap bridging		0.1 - 4.0 mm	0.1 - 4.0 mm	0.1 - 4.0 mm
On Aluminium (0.26 mm)		13 N/mm² *(1,900 psi)*	14 N/mm² *(2,000 psi)*	11 N/mm² *(1,600 psi)*
On Steel bright (0.26 mm)		19 N/mm² *(2,800 psi)*	23 N/mm² *(3,300 psi)*	17 N/mm² *(2,500 psi)*
On Stainless steel (0.26 mm)		17 N/mm² *(2,500 psi)*	18 N/mm² *(2,600 psi)*	17 N/mm² *(2,500 psi)*
Average E-module +20 °C *(+68 °F)*		650 - 750 N/mm² *(90 - 110 ksi)*	450 - 550 N/mm² *(70 - 80 ksi)*	240 - 280 N/mm² *(35 - 40 ksi)*
Shore hardness D (DIN ISO 7619)		66	68	73
Tensile strength DIN EN ISO 527-2		21 N/mm² *(3.000 psi)*	20 N/mm² *(2.900 psi)*	12 N/mm² *(1.750 psi)*
Tensile Extension DIN EN ISO 527-2		35 %	31 %	20 %
Temperature resistance		-55 to +125°C *(-67 to +257°F)*	-55 to +125°C *(-67 to +257°F)*	-55 to +100°C *(-67 to +212°F)*
Thermoforming resistance		+65°C *(+149°F)*	+65°C *(+149°F)*	+50°C *(+122°F)*
TGA decomposition temperature (onset-temp.)		+330°C *(+626°F)*	+336°C *(+637°F)*	-
Glass transition temperature	T_g after curing at room temperature	+45.6°C	+30.9°C	+48.0°C
	T_g after tempering at +120 °C	+31.1°C	+27.0°C	-



WEICON RK-1300/1500 are 2-component systems based on methacrylate, which cure fast at room temperature. Both systems are processed in the “no-mix” procedure, i.e. a mix of both components (adhesive and activator) is not necessary.

Polymerization starts as soon as the adhesive- and activator-wetted components are joined together.



2-Komponenten No-Mix 2-component

High strength | impact-resistant

RK-1300/1500 allow high-strength bonding of different materials:

- **metals (also coated), such as steel, aluminium, copper, zinc, alloys, as well as ferrites (ferromagnetic material)**
- **plastics*, such as ABS, polystyrene, hard PVC, polycarbonate, polyphenylene oxide, polyester moulding compounds**
- **fibre composite materials (GRP, CRP, fibreglass etc.)**
- **wood and cellulose materials (e.g. MDF)**
- **glass, ceramics and stone**

*Polyamide, Teflon® and polyolefin etc. only after special surface treatment, for example using fluoridation, low-pressure plasma, corona, flame impingement etc.

WEICON RK-1300/1500 feature special product-specific characteristics:

- **processing in the “no-mix” procedure**
- **quick and high initial bonding strength**
- **residual elasticity and impact resistance**
- **applicable at a large range of temperatures**
- **ageing-resistant**

As a result, there are numerous areas of application, in particular during assembly and in industrial processing.

Due to the “no-mix” procedure and the quick, high initial bonding strength, WEICON RK Construction Adhesives are especially suited for manufacturing processes with staggered assembly and positioning processes and high cycle times during serial production.



Structural Acrylic Adhesives

RK-1300
RK-1500

RK-1300

Pasty | strong | fast-curing

▸ 60 g*1	▸ 330 g*2	▸ 1.0 kg*1	▸ 6.0 kg*2
10000118	10007508	10007378	10000126

*1complete package consisting of adhesive and activator
*2without activator

RK-1500

Liquid | strong | fast-curing

▸ 60 g*1	▸ 310 g*2	▸ 1.0 kg*1	▸ 6.0 kg*2
10008905	10016249	10002622	10008677

*1complete package consisting of adhesive and activator
*2without activator



Bonding of plastic plates (PU)
RK-1500


Illumination bonding (aluminium / glass)
RK-1300

RK-Activator

▸ 100 ml	▸ 1 L
10000128	10000131



High strength
Residual elasticity
Process-safe



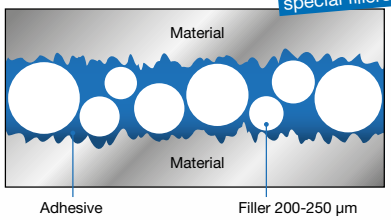
Easy-Mix RK-7300

Excellent adhesion to plastics and EPDM | high strength | highly viscous | impact-resistant

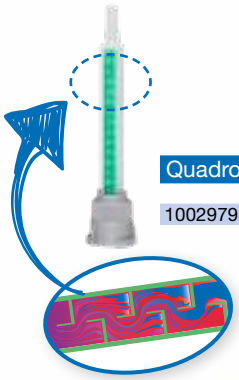
- 50 g

10047457

The ideal adhesive for **low energy plastics**



Constant adhesive joint thanks to special fillers (glass beads)



Quadro Mixing Nozzle B-System

10029793



Easy-Mix

High-strength, fast-curing structural adhesives on the basis of MMA (methyl methacrylate) with excellent adhesion to e.g. fibre composite materials, many plastics, metals and many other materials.

Due to its high viscosity the adhesive can also be applied on vertical surfaces.

The following materials can be bonded with high tensile, shear and peel strength:

- **plastics (e.g. PVC, ABS, PMMA, fibre glass, phenol)**
- **polyurethane, epoxies**
- **steel, aluminium, stainless steel**
- **wood, ceramics and many others**

WEICON Easy-Mix Structural Adhesives feature special product characteristics:

- **high tensile, shear and impact strengths**
- **rapid strength build-up**
- **for indoor and outdoor use**
- **resistant to weather conditions and many chemicals**
- **sandable and paintable**
- **high temperature-resistance**

WEICON Easy-Mix Structural Adhesives can be applied universally and are well-suited for the following areas of application:

- **plastics engineering**
- **machine building**
- **model and mould construction**
- **metal construction**
- **electrical engineering**
- **car body and vehicle construction**
- **trade fair and exhibition**



RK-Structural Adhesives and Plastic Bond





Easy-Mix RK-7000

Slow-curing | high strength | impact-resistant | residual elasticity

- 50 g
  10018563

VIDEO



Easy-Mix RK-7100

Fast-curing | high strength | impact-resistant | residual elasticity

- 50 g
  10030534
  milky white
- 50 g
  10051232
  black



Easy-Mix RK-7200

Transparent | high strength | impact-resistant | residual elasticity

- 50 g
  10034573





Plastic-Bond

Excellent adhesion to plastics | high strength | shock- and impact-resistant

- 24 ml
  10018558

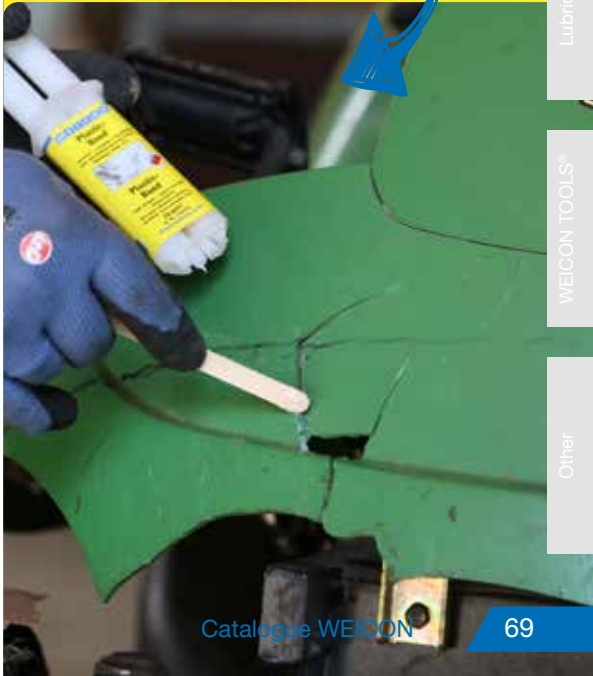
Can alternatively be processed with Quadro Mixing Nozzle (Art.-No. 10005236).

Plastic-Bond Set

Comprising:
Plastic-Bond, Wooden Spatula small, Mixing Nozzle Quadro, PE gloves

- Set
  10058780

Our DIY TIP





- transparent
- for low surface energy plastics
  PP | PE | HDPE | LDPE | HDP
- for small bonding gaps
- no pre-treatment necessary

NEW FORMULATION up to +100 °C

1:1 System

Plastics such as PE and PP are used increasingly in nearly all industrial sectors today due to their specific properties such as mouldability, elasticity, break resistance, temperature and heat resistance. For the adhesive bonding of these plastics, until now, the surfaces needed to be extensively pretreated, for example:

- **mechanically (grinding, blasting, etc.)**
- **chemically (fluorination)**
- **physically (flame treatment, corona, plasma)**

With the adhesives WEICON Easy-Mix PE-PP 45 and PE-PP 50, these pretreatments are no longer necesary. The “integrated primer” in the adhesive activates the surfaces and makes high-strength bonds possible.

WEICON Easy-Mix PE-PP 45 and PE-PP 50 are 2-component construction adhesives based on methyl acrylate. They are particularly suitable for structural, high-strength bondings of low surface-energy plastics like PE, PP and TPE.

In addition, WEICON Easy-Mix PE-PP 45 and PE-PP 50 can be used as „universal adhesive“ for plastics like:

- rigid PVC (polyvinyl chloride)
- PC (polycarbonate)
- ABS (acrylonitrile-butadiene styrene)
- fibre-reinforced materials (GRP, CRP, fibre glass etc.)
- PMMA (Polymethyl methacrylate)

Characteristics:

- no pre-treatment of the parts to be bonded („integrated primer“)
- short pot life and processing time
- fast development of strength
- high final strength
- curing with residual elasticity
- ageing-resistant
- chemical-resistant
- pasty, non-drip



Easy-Mix



Easy-Mix PE-PP 50

▸ 24 ml	▸ 50 ml
10062144 transparent	10058667 transparent

Dispenser Easy-Mix D 50

10005237

Helix Mixing Nozzle B-System

10030395

Thanks to its transparent curing, WEICON Easy-Mix PE-PP 50 is especially suitable for creating visually appealing adhesive bonds. Its special formula makes it ideal for zero-gap bonding and for connecting surfaces with extremely small bonding gaps of less than 0.2 mm.

- **pot life: 6 minutes**
- **bonding gap: 0 to 1 mm**
- **handling strength after 12 minutes**

ALSO AVAILABLE AS A SET



Easy-Mix PE-PP 50 Set

Comprising:
Easy-Mix PE-PP 50 24 ml, Wooden Spatula small, Helix Mixing Nozzle, PE gloves

▸ 24 ml
10062146

Comprising:
Easy-Mix PE-PP 50 50 ml, Helix Mixing Nozzle, Manual Dispenser

▸ 50 ml
10103295 NEW

PE-PP 45
PE-PP 50

Easy-Mix



Easy-Mix PE-PP 45

▸ 45 ml

10057687

nearly colourless, translucent

Hand Dispenser D 50 10:1

10059295

Mixing Nozzles 10:1 B

10023115

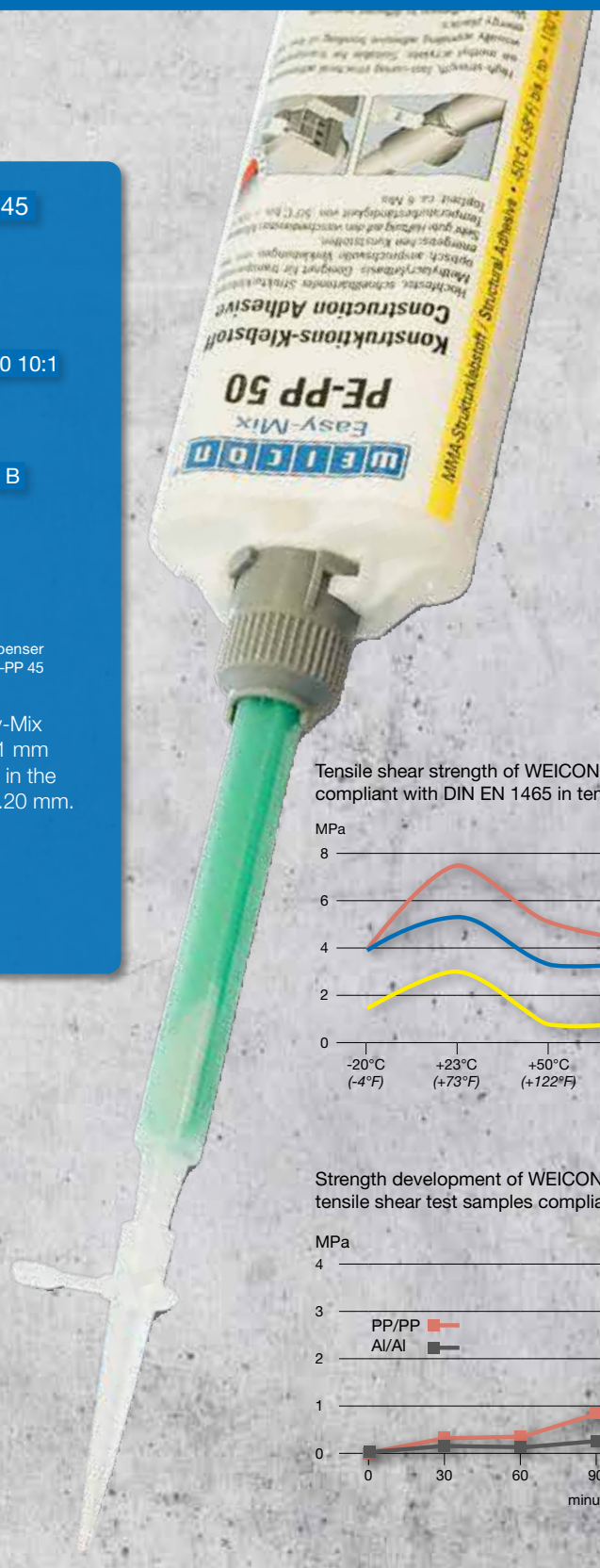
Special Piston

10023341

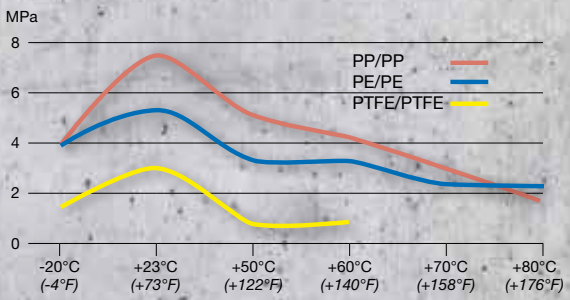
For retooling the Hand Dispenser Easy-Mix D 50 to Easy-Mix PE-PP 45

Due to its slightly higher viscosity, WEICON Easy-Mix PE-PP 45 compensates bonding gaps of up to 1 mm and, thanks to the fillers (glass beads) contained in the adhesive, guarantees adhesive joint of at least 0.20 mm.

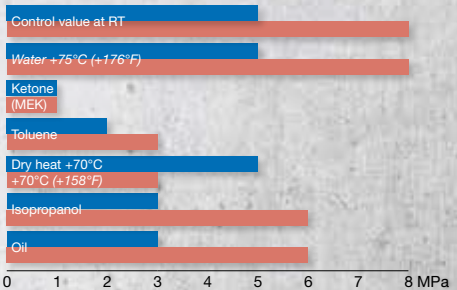
- **pot life 2-3 minutes**
- **bonding gap bridging min. 0.15 - 0.20 mm**
- **handling strength after 120 - 180 minutes**



Tensile shear strength of WEICON Easy-Mix PE-PP 45 compliant with DIN EN 1465 in temperature curve

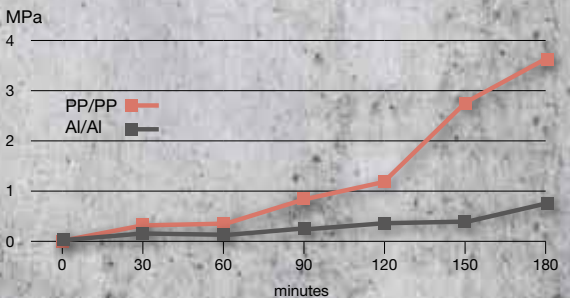


Ageing resistance of PE adhesive bonds
Ageing resistance of PP adhesive bonds
after storage in various media (14 days at room temperature)



Specification of the test specimen:
Standard: DIN EN 1465 Curing: 7 days at room temperature
Adhesive surface: 12.5 mm x 25 mm Testing speed: 10 mm/min
Adhesive thickness: 0.2 mm

Strength development of WEICON Easy-Mix PE-PP 45 on tensile shear test samples compliant with DIN EN 1465





Technical Data

	RK-1300	RK-1500	RK-7000	RK-7100	RK-7100 black	RK-7200	RK-7300	PE-PP 45	PE-PP 50	Plastic-Bond
Base	methyl methacrylate		methyl methacrylate							methyl methacrylate
Mixing ratio resin / hardener	1 : 1		1 : 1	1 : 1	1 : 1	1 : 1	1 : 1	10 : 1	1 : 1	1 : 1
Colour after curing	beige, opaque	yellowish, transparent	cream white, milky	cream white, milky	black	transparent	translucent/ creamy white	nearly colourless, translucent	transparent	cream white, milky
Density of the mixture	-		0.98 - 1.02 g/cm³	0.98 - 1.02 g/cm³	0.98 - 1.02 g/cm³	1.1 g/cm³	1.00 g/cm³	1.07 g/cm³	1.00 g/cm³	0.98 - 1.02 g/cm³
Pot life at +20°C (+68°F)	-		approx. 15 Min.	approx. 5 Min.	approx. 5 Min.	approx. 1 - 2 Min.	approx. 8 Min.	approx. 2 - 3 Min.	approx. 6 Min.	approx. 15 Min.
Viscosity of the mixture (mPa.s)	21,000 (Adhesive)	4,500 (Adhesive)	40,000 - 60,000	40,000 - 60,000	40,000 - 60,000	5,000 - 6,000	170,000 - 200,000	45,000	20,000	40,000 - 60,000
Adhesive gap bridging	max. 0.40 mm (Activator application on one side*¹) max. 0.80 mm (Activator application on both sides*¹)		0.1 - 5.0 mm	0.1 - 5.0 mm	0.1 - 5.0 mm	0.1 - 2.0 mm	0.25 - 1.0 mm	0.25 - 1.0 mm	0 - 1.0 mm	0.1 - 5.0 mm
Temperature resistance	-50°C to +130°C *(-58 to +266°F)*, briefly (30 minutes) to +180°C *(+356°F)*		-55 to +125°C *(-67 to +257°F)*	-55 to +125°C *(-67 to +257°F)*	-55 to +125°C *(-67 to +257°F)*	-40 to +120°C *(-40 to +248°F)*	-55 to +100°C *(-67 to +212°F)*	-50 to +80°C *(-58 to +176°F)*	-50 to +80°C *(-58 to +176°F)* briefly to +100°C *(+212°F)*	-55 to +125°C *(-67 to +257°F)*
Handling strength (35%) after	approx. 6 min.	approx. 5 min.	approx. 40 min.	approx. 25 min.	approx. 25 min.	approx. 8 min.	approx. 1 h	2 - 3 h (PP-PP) 6 h (Alu-Alu)	approx. 12 min.	approx. 40 min.
Mechanical loads (50% strength) after	approx. 9 min.	approx. 8 min.	approx. 60 min.	approx. 60 min.	approx. 60 min.	approx. 12 min.	approx. 8 h	3 - 4 h (PP-PP) 24 h (Alu-Alu)	approx. 12 h	approx. 60 min.
Final strength (100%) after	approx. 24 h	approx. 24 h	approx. 12 h	approx. 12 h	approx. 12 h	approx. 6 h	approx. 24 h	24 h (PP-PP) 72 h (Alu-Alu)	approx. 24 h	approx. 12 h
Shore hardness D DIN ISO 7619	-		70	75	75	45 - 55	40 - 50 D	55	55	70
Tensile strength DIN EN 1465:										
- Aluminium	20 N/mm² (2,900 psi)	20 N/mm² (2,900 psi)	20 N/mm² (2,900 psi)	20 N/mm² (2,900 psi)	20 N/mm² (2,900 psi)	19 N/mm² (2,760 psi)	5 N/mm² (730 psi)	14 N/mm² (2,030 psi)	12 N/mm² (1,740 psi)	20 N/mm² (2,900 psi)
- Steel	25 N/mm² (3,600 psi)	25 N/mm² (3,600 psi)	23 N/mm² (3,300 psi)	23 N/mm² (3,300 psi)	23 N/mm² (3,300 psi)	22 N/mm² (3,190 psi)	5 N/mm² (730 psi)	17 N/mm² (2,470 psi)	12 N/mm² (1,740 psi)	23 N/mm² (3,300 psi)
- Stainless Steel	25 N/mm² (3,600 psi)	30 N/mm² (4,350 psi)	22 N/mm² (3,190 psi)	22 N/mm² (3,190 psi)	22 N/mm² (3,190 psi)	27 N/mm² (3,900 psi)	4 N/mm² (580 psi)	16 N/mm² (2,320 psi)	11 N/mm² (1,600 psi)	22 N/mm² (3,190 psi)
- PC (polycarbonate)	10 N/mm² (1,450 psi)	10 N/mm² (1,450 psi)	11 N/mm² (1,600 psi)	12 N/mm² (1,740 psi)	12 N/mm² (1,740 psi)	7 N/mm² (1,020 psi)	6 N/mm² (870 psi)	6 N/mm² (870 psi)	6 N/mm² (870 psi)	11 N/mm² (1,600 psi)
- PMMA	9 N/mm² (1,310 psi)	8 N/mm² (1,160 psi)	9 N/mm² (1,310 psi)	9 N/mm² (1,310 psi)	9 N/mm² (1,310 psi)	4 N/mm² (580 psi)	6 N/mm² (870 psi)	7 N/mm² (1,000 psi)	8 N/mm² (1,160 psi)	9 N/mm² (1,310 psi)
- ABS	6 N/mm² (900 psi)	6 N/mm² (900 psi)	7 N/mm² (1,000 psi)	7 N/mm² (1,000 psi)	7 N/mm² (1,000 psi)	7 N/mm² (1,000 psi)	8 N/mm² (1,160 psi)	11 N/mm² (1,600 psi)	3 N/mm² (440 psi)	7 N/mm² (1,000 psi)
- PVC-Hart	7 N/mm² (1,000 psi)	11 N/mm² (1,600 psi)	12 N/mm² (1,740 psi)	12 N/mm² (1,740 psi)	12 N/mm² (1,740 psi)	8 N/mm² (1,160 psi)	11 N/mm² (1,600 psi)	14 N/mm² (2,030 psi)	12 N/mm² (1,740 psi)	12 N/mm² (1,740 psi)
- GFK	16 N/mm² (2,320 psi)	20 N/mm² (2,900 psi)	21 N/mm² (3,000 psi)	21 N/mm² (3,000 psi)	21 N/mm² (3,000 psi)	9 N/mm² (1,310 psi)	7 N/mm² (1,000 psi)	17 N/mm² (2,470 psi)	15 N/mm² (2,200 psi)	21 N/mm² (3,000 psi)
- CFK	24 N/mm² (3,500 psi)	27 N/mm² (3,920 psi)	22 N/mm² (3,190 psi)	22 N/mm² (3,190 psi)	22 N/mm² (3,190 psi)	12 N/mm² (1,740 psi)	7 N/mm² (1,000 psi)	16 N/mm² (2,320 psi)	12 N/mm² (1,740 psi)	22 N/mm² (3,190 psi)
- Polyamide 6.6	2 N/mm² (300 psi)	3 N/mm² (400 psi)	1 N/mm² (150 psi)	1 N/mm² (150 psi)	1 N/mm² (150 psi)	2 N/mm² (290 psi)	3 N/mm² (440 psi)	6 N/mm² (870 psi)	2 N/mm² (290 psi)	1 N/mm² (150 psi)
- POM (polyoxymethylen)	-		-	-	-	-	5 N/mm² (730 psi)	2 N/mm² (290 psi)	-	-
- PE-HD	-		-	-	-	-	5 N/mm² (730 psi)	7 N/mm² (1,000 psi)	12 N/mm² (1,740 psi)	-
- PP (polypropylene)	-		-	-	-	-	6 N/mm² (870 psi)	8 N/mm² (1,160 psi)	8 N/mm² (1,160 psi)	-
- PTFE (polytetrafluorethylene)	-		-	-	-	-	2 N/mm² (290 psi)	-	-	-
- EPDM (Shore A70)	-		-	-	-	-	1 N/mm² (150 psi)	-	-	-
Glass transition temperature: T_g after curing at room temperature	-		-39.8 °C	-40.3 °C	-40.3 °C	-17.5 °C	51.5 °C	46.3°C	-	-
Glass transition temperature: T_g after tempering at 120 °C	-		-39.5 °C	-38.5 °C	-38.5 °C	-17.7 °C	52.4 °C	44.7°C	-	-

*¹This information is dependent on the type of materials to be bonded and their respective properties. In case of porous materials or passive surfaces, such as chrome, nickel, etc. the Activator should be applied on both sides. (Bond lines of 0.15 mm to 0.25 mm in width have the highest stability).

RK-Structural Adhesives and Plastic Bond

Chemical resistance of WEICON Structural Acrylic Adhesives after curing*

Acetone	+	Isopropyl acetate	+
Acidic vapours	+	Isopropyl alcohol	+
Alcohol	+	Isopropyl ether	+
Aliphatic hydrocarbons, (petroleum derivative)	+	Kerosene	+
Alkaline vapours	+	Ketone	+
Ammonia, ammonium chloride	+	Lubricating oils and grease	+
Ammonium chloride	+	Mercury	+
Aromatic hydrocarbons (benzoyl, methylbenzene, xylene)	0	Methanol (methyl alcohol)	+
Benzoyl	0	Methyl benzoyl	+
Benzoyl acid	+	Methyl chloride	0
Bilge medium (bilge water)	+	Methyl ethyl ketone	+
Brake fluid	+	Methyl isobutyl ketone, isopropyl acetone	+
Bromide solution	0	Methylene dichloride	+
Butyl alcohol (Isobutanol)	+	Mineral oil	+
Calcium chloride (sea salt)	+	Mineral turpentine	+
Calcium sulphate	+	Nitric acid 5%	+
Calcium sulphite	+	Nitric acid, fuming	-
Chlorinated hydrocarbon	+	Oxygen	-
Chlorinated salt water (swimming pool concentrate)	+	Ozone	-
Chlorinated solvent (dichloromethane)	-	Paraffin oil, kerosene	+
Chlorinated water (swimming pool concentration)	+	Perchlormethylmercaptan	+
Chlorine alcohol	+	Persulfuric acid 5%	+
Chlorine bleach	-	Petrol	+
Chlorine gas, liquid and dry	-	Phenol (Carbolic acid)	+
Chlorine sulphuric acid	-	Phenol resin	+
Chlorine, liquid and dry	-	Phosphoric acid 5%	+
Chloroform	+	Phthalic acid (benzene dicarboxylic acid)	+
Chromic acid 5%	+	Polyphosphoric acid 5%	+
Cooling lubricants	+	Potassium carbonate (potash)	+
Corrosive ammonium, ammonium hydroxide	0	Propyl alcohol	+
Cylinder oil	+	Selenium chloride	+
Dichloroethylene ether	+	Silicon oils	+
Epichlorohydrin	+	Sulphur dioxide, wet and dry	+
Freon	0	Sulphur trioxide gas	-
Fuel for jet or turbine engines	+	Sulphuric acid	0
Glycocol, glycine	+	Sulphuric acid, fuming	-
Heating oil, diesel	+	Tannic acid (gallotannic acid)	0
Heptane	+	Toluene (methylbenzene)	0
Hydrochloric acid (muriatic acid)	0	Toluene sulphuric acid	0
Hydrocyanic acid, prussic acid 5%	+	Trichloroethylene	+
Hydrogen bromide 5%	+	Turpentine, Turpentine oil	+
Hydrogen chloride	+	Waste water, excrements	+
Hydrogen fluoride (hydrofluoric acid)	-	Water	+
Hydrogen peroxide	0	Water, boiling	0
Hydrogen sulphide, wet and dry	+	Water, distilled	+
Isobutyl alcohol (isobutene)	+	Xylene (dimethylbenzoyl)	0

+ = resistant 0 = resistant for a limited time - = not resistant *Storage of the test pieces was at +20°C (+68°F) chemical temperature.







WEICONLOCK®

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1-Component Adhesives and Sealants

WEICON Adhesive FINDER
www.adhesive-finder.com
The right ADHESIVE in a CLICK

Threadlocking

- screws and nuts
- stud bolts

Sealing of threaded pipes and fittings

- threaded connections
- hydraulic and pneumatic systems
- cooler and compressed air systems

Retaining cylindrical assemblies

- shaft / hub-connections
- coupling hubs, pulleys, bearings
- cylindrical parts;
  slip-, press- or shrunk-fitted

Flange sealing, gasketing

- flanges
- cases
- lids

WEICONLOCK are one-component anaerobic adhesives and sealants, especially made for metal assembly parts.

For different application areas, our broad range of various strengths and viscosities is available for you.

WEICONLOCK is suitable for all metals and certain plastics. It can be applied either manually or semi / fully automatically. As cost-effective problem solvers, WEICONLOCK products are indispensable in many sectors of industry:

- **automotive industry**
- **engine and plant construction**
- **manufacture of pumps and pipes**
- **hydraulic and pneumatic equipment**
- **precision mechanics**
- **in electrical engineering and electro-technics and in nearly all fields of repair and maintenance**

BAM tested and safety-related evaluated- according to leaflet M 034-1 "List of nonmetallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

Certified to NSF/ANSI 61

Nonfood Compounds Program Listed (Category Code) (Registration #)

How do you choose the right threadlocker?
WE explain:

Anaerobic Adhesives and Sealants



WEICONLOCK Activator F

Reduction of curing time

The cure time can be reduced considerably by pre-treatment with WEICONLOCK Activator F, which is recommended for all passive surfaces and which is indispensable at low ambient temperatures (+10°C/+50°F and below) and for large gaps. On non-metallic surfaces, WEICONLOCK is made effective by using the activator.



- 200 ml — 10021433 — Spray
- 1 L — 10007773 — Aluminium can

VIDEO



Dosing Tip

For exact, economic and point-to-point applications of WEICONLOCK.



10001256
Dosing tip Type L
Size 1

since 2006

WEICON Pen-System



- facilitates the work of your employees thanks to its easy handling and ensures a flawless application
- comfortable use like a pen, which allows flawless, safe and precise dispensing of the adhesives and sealants
- resource-saving processing



AN 301-43

NSF Certified to NSF/ANSI 61

Threadlocking | classified as non-hazardous | drinking water approval and DVGW approval

- higher viscosity
- medium strength
- disassembly with normal tools

20 ml	50 ml	200 ml
10026819	10026814	10026817



AN 301-70

NSF Certified to NSF/ANSI 61

Threadlocking | classified as non-hazardous | drinking water approval

- medium viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10026829	10026826	10026827



AN 302-21

Threadlocking | vibration-proof | classified as non-hazardous

- low viscosity
- low strength
- easy disassembly

20 ml	50 ml	200 ml
10016416	10017871	10019881



AN 302-22

Threadlocking | vibration-proof | classified as non-hazardous

- medium viscosity
- low strength
- easy disassembly

20 ml	50 ml	200 ml
10019885	10017872	10019889



AN 302-40

Threadlocking | vibration-proof | DVGW approval | classified as non-hazardous

- medium viscosity
- medium strength
- disassembly with normal tools

transparent WEICONLOCK transparent

20 ml	50 ml	200 ml
10019895	10019923	10019961







WEICONLOCK®

Threadlocking

AN 302-41

Threadlocking | vibration-proof

- low viscosity
- medium strength
- easy disassembly

▸ 20 ml	▸ 50 ml	▸ 200 ml
10017318	10017873	10019964



AN 302-42

Threadlocking | drinking water approval

- medium viscosity
- medium strength
- disassembly with normal tools

▸ 20 ml	▸ 50 ml	▸ 200 ml
10017324	10017874	10019966



AN 302-43

Threadlocking | DVGW and drinking water approval

- higher viscosity
- medium strength
- disassembly with normal tools

▸ 10 ml	▸ 20 ml	▸ 50 ml	▸ 200 ml
10030474	10016419	10017876	10019968





AN 302-44

Threadlocking for passive materials* | DVGW and drinking water approval

- higher viscosity
- medium strength
- disassembly with normal tools

▸ 20 ml	▸ 50 ml	▸ 200 ml
10037361	10037167	10037363



fast cure WEICONLOCK also without Activator

* Passive materials: (slow curing)

- high-alloyed steel
- aluminium, nickel, zinc, gold
- oxid layers
- chromate layers
- anodic coatings
- plastics and ceramics



AN 302-50

Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

transparent WEICONLOCK transparent

▸ 20 ml	▸ 50 ml	▸ 200 ml
10019897	10019929	10019972



AN 302-60

Hygiene-Institut des Ruhrgebiets

fast cure WEICONLOCK also without Activator

Threadlocking for passive materials* | drinking water approval

- medium viscosity
- high strength
- hard to disassemble

▸ 20 ml	▸ 50 ml	▸ 200 ml
10016436	10017878	10019974



AN 302-62

Threadlocking

- higher viscosity
- strong
- hard to disassemble

▸ 20 ml	▸ 50 ml	▸ 200 ml
10019899	10017881	10019976



AN 302-71

Locking of threads and stud bolts

- medium viscosity
- high strength
- hard to disassemble

▸ 20 ml	▸ 50 ml	▸ 200 ml
10017326	10017886	10019980



AN 302-70

DIN DVGW CERT

Hygiene-Institut des Ruhrgebiets

Locking of threads and stud bolts | drinking water and DVGW approval

- medium viscosity
- high strength
- hard to disassemble

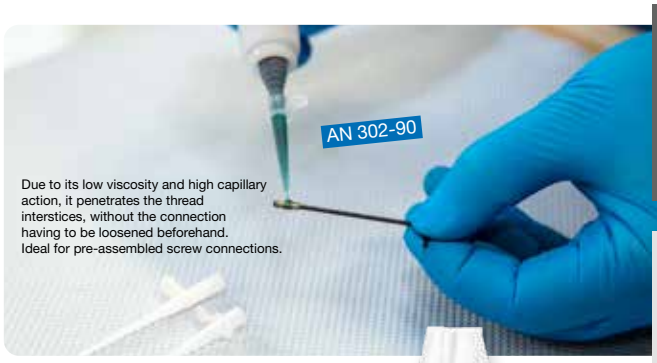
▸ 10 ml	▸ 20 ml	▸ 50 ml	▸ 200 ml
10030476	10016421	10017884	10019978



* Passive materials: (slow curing)

- high-alloyed steel
- aluminium, nickel, zinc, gold
- oxid layers
- chromate layers
- anodic coatings
- plastics and ceramics

Threadlocking



AN 302-72

Locking of threads and stud bolts | high-temperature-resistant | DVGW- and drinking water approval

- higher viscosity
- high strength
- hard to disassemble

▸ 20 ml	▸ 50 ml	▸ 200 ml
10019901	10017889	10019982



AN 302-90

Threadlocking | for subsequent locking and sealing of hairline cracks

- extremely low viscosity
- high capillary action
- high strength
- hard to disassemble

▸ 20 ml	▸ 50 ml	▸ 200 ml
10019905	10017891	10019993



Technical Data

Type-No.	Colour	For threaded joints up to	Viscosity at +25°C (+77°F) Brookfield	Gap filling capacity max.	Breakaway strength (Thread)	Prevailing strength (Thread)	Shear strength N/mm² (DIN 54452)	Handling strength at room temperature	Final strength at room temperature	Temperature resistance
AN 301-43	blue	M 36	2,000 - 8,000 mPa·s	0.25 mm	18 - 22 Nm	9 - 11 Nm	10 - 13 N/mm² *(1,450 - 1,885 psi)*	5 - 15 min.	1 - 3 h	-60 to +150°C *(-76 to +302°F)*
AN 301-70	green	M 25	500 - 900 mPa·s	0.15 mm	25 - 35 Nm	40 - 50 Nm	14 - 20 N/mm² *(2,030 - 2,900 psi)*	5 - 15 min.	5 - 10 h	-60 to +150°C *(-76 to +302°F)*
AN 302-21	violet	M 12	125 mPa·s	0.10 mm	7 - 10 Nm	3 - 6 Nm	4 - 7 N/mm² *(580 - 1,115 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-22	purple	M 36	1,000 mPa·s	0.20 mm	4 - 8 Nm	2 - 4 Nm	3 - 5 N/mm² *(435 - 725 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-40	transparent	M 20 R 3/4"	600 mPa·s	0.15 mm	12 - 16 Nm	18 - 24 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-41	blue	M 12	125 mPa·s	0.10 mm	10 - 15 Nm	12 - 16 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	10 - 20 min.	approx. 3 h	-60 to +150°C *(-76 to +302°F)*
AN 302-42	blue	M 36	1,000 mPa·s	0.20 mm	14 - 18 Nm	5 - 8 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-43	blue	M 36	2,000 - 7,000 mPa·s	0.25 mm	17 - 22 Nm	8 - 12 Nm	9 - 13 N/mm² *(1,305 - 1,885 psi)*	10 - 20 min.	1 - 3 h	-60 to +200°C *(-76 to +392°F)*
AN 302-44	blue	M 36	3,000 - 8,000 mPa·s	0.25 mm	17 - 22 Nm 8 - 12 Nm*	8 - 12 Nm 5 - 8 Nm*	9 - 13 N/mm² *(1,305 - 1,895 psi)*	10 - 20 min. 20 - 40 min.*	1 - 3 h 4 - 8 h*	-60 to +200°C *(-76 to +392°F)*
AN 302-50	transparent	M 20 R 3/4"	500 mPa·s	0.15 mm	30 - 35 Nm	55 - 70 Nm	25 - 35 N/mm² *(3,625 - 5,075 psi)*	2 - 5 min.	2 - 4 h	-60 to +175°C *(-76 to +347°F)*
AN 302-60	green	M 20 R 3/4"	700 - 1,000 mPa·s	0.15 mm	30 - 35 Nm 15 - 20 Nm*	55 - 70 Nm 30 - 35 Nm*	25 - 35 N/mm² *(3,625 - 5,075 psi)*	2 - 5 min. 5 - 10 min.*	2 - 4 h 6 - 12 h*	-60 to +180°C *(-76 to +356°F)*
AN 302-62	red	M 36	1,500 - 6,500 mPa·s	0.25 mm	20 - 25 Nm	40 - 55 Nm	10 - 15 N/mm² *(1,450 - 2,175 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-70	green	M 20 R 3/4"	500 mPa·s	0.15 mm	28 - 35 Nm	50 - 65 Nm	15 - 20 N/mm² *(2,175 - 2,900 psi)*	10 - 20 min.	3 -6 h	-60 to +200°C *(-76 to +392°F)*
AN 302-71	red	M 20 R 3/4"	500 mPa·s	0.15 mm	28 - 35 Nm	50 - 65 Nm	15 - 20 N/mm² *(2,175 - 2,900 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-72	red	M 56 R 2"	6,000 - 15,000 mPa·s	0.30 mm	20 - 30 Nm	40 - 75 Nm	10 - 15 N/mm² *(1,450 - 2,175 psi)*	20 - 40 min.	5 - 10 h	-60 to +230°C *(-76 to +446°F)*
AN 302-90	green	M 5 capillary	10 -20 mPa·s	0.07 mm	15 - 25 Nm	30 - 40 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	5 - 20 min.	approx. 3 h	-60 to +150°C *(-76 to +302°F)*

* Strength measured on V4A stainless steel screws



AN 301-65

Certified to NSF/ANSI 61

Pipe and flange sealing with PTFE | classified as non-hazardous | drinking water approval

- high viscosity
- medium strength
- disassembly with normal tools

▸ 50 ml	▸ 200 ml	▸ 300 ml
10031782	10031783	10034139



AN 301-72

Certified to NSF/ANSI 61

Pipe and flange sealing with PTFE | classified as non-hazardous | high-temperature-resistant | drinking water and DVGW approval

- higher viscosity
- medium strength
- disassembly with normal tools

▸ 50 ml	▸ 200 ml	▸ 300 ml
10026836	10026840	10047470



AN 302-25

Pipe and thread sealing | vibration-proof for coarse threads

- high viscosity
- low strength
- easy disassembly

▸ 50 ml	▸ 200 ml
10019891	10019893



AN 302-75

Pipe and thread sealing | BAM*

- high viscosity
- high strength
- hard to disassemble

▸ 50 ml	▸ 200 ml
10019933	10019987



AN 302-45

Pipe and thread sealing for coarse threads | DVGW approval

- high viscosity
- medium strength
- disassembly with normal tools

▸ 50 ml	▸ 200 ml
10019925	10019970



* according to leaflet M 034-1 "List of nonmetallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

** Passive materials: (slow curing)

- high-alloyed steel
- aluminium, nickel, zinc, gold
- oxide layers
- chromate layers
- anodic coatings
- plastics and ceramics



WEICONLOCK®

Pipe and Thread Sealing

AN 302-80

Pipe and thread sealing for passive materials | drinking water approval**

- higher viscosity
- high strength
- hard to disassemble

fast cure WEICONLOCK also without Activator

20 ml	50 ml	200 ml
10019903	10017875	10019991



AN 305-11

Pipe and thread sealing | DVGW and drinking water approval

- higher viscosity
- medium strength
- disassembly with normal tools

50 ml	200 ml	300 ml
10019939	10019997	10023823



AN 302-77

Pipe and thread sealing for large thread parts and flanges

- higher viscosity
- high strength
- hard to disassemble

50 ml	200 ml
10019935	10019989



SI 303-31

Nonfood Compounds Program Listed S2 Registration 157190

Pipe and thread sealing | ISEGA-certified | drinking water approval | NSF approval

- high viscosity
- low strength
- easy disassembly

85 ml
10050555
Tube

Tested by the Ruhr Region Institute of Hygiene ("Hygiene-Institut des Ruhrgebiets") according to the Guideline for Hygienic Assessment of Organic Materials in Contact with Drinking Water (KTW Guideline) by the Federal Environmental Agency of Germany.



Technical Data

Colour	For threaded joints up to	Gap filling capacity max.	Breakaway strength Nm (Thread)	Prevailing strength Nm (Thread)	Shear strength N/mm² (DIN 54452)	Handling strength at room temperature	Final strength at room temperature	Temperature resistance
white	M 80 R 3"	0.50 mm	< 1.5	< 0.5	< 1	24 h	3 days	-40 to +180°C



* according to leaflet M 034-1 "List of non-metallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

** Passive materials: (slow curing)
- high-alloyed steel
- aluminium, nickel, zinc, gold
- oxide layers
- chromate layers
- anodic coatings
- plastics and ceramics

AN 305-42

Hydraulic and pneumatic sealing | DVGW approval

- medium viscosity
- medium strength
- disassembly with normal tools

▸ 20 ml	▸ 50 ml	▸ 200 ml
10016437	10017877	10020001



VIDEO

AN 305-72

Pipe and flange sealing (with PTFE) | immediate sealing effect | drinking water and DVGW approval

- high viscosity
- medium strength
- disassembly with normal tools

▸ 50 ml	▸ 200 ml	▸ 300 ml
10019943	10020003	10026707



AN 305-67

Pipe and flange sealing with PTFE | gap filling capacity max. 0,60 mm

- high viscosity
- low strength
- easy disassembly

▸ 50 ml	▸ 200 ml	▸ 300 ml
10032101	10033883	10034144



AN 305-77

Thread sealing | drinking water and DVGW approval | BAM*

- high viscosity
- medium strength
- disassembly with normal tools

▸ 50 ml	▸ 200 ml	▸ 300 ml
10019949	10020011	10034148



Nonfood Compounds Program Listed S2 Registration 159910

WEICONLOCK®

Pipe and Thread Sealing



AN 305-78

Pipe and thread sealing for passive materials | drinking water and DVGW approval | BAM***

- high viscosity
- medium strength
- disassembly with normal tools

fast cure WEICONLOCK also without Activator



- 50 ml **10037168**
- 200 ml **10037366**

AN 305-86

Pipe sealing | extra strong

- higher viscosity
- high strength
- hard to disassemble



- 20 ml **10019907**
- 50 ml **10017879**
- 200 ml **10020013**

Technical Data

Type-No.	Colour	For threaded joints up to	Viscosity at +25°C (+77°F) Brookfield	Gap filling capacity max.	Breakaway strength (Thread)	Prevailing strength (Thread)	Shear strength N/mm² (DIN 54452)	Handling strength at room temperature	Final strength at room temperature	Temperature resistance
AN 301-65	white	M 80 R 3“	180,000 - 300,000 mPa·s	0.50 mm	4 - 8 Nm	1 - 3 Nm	2 - 6 N/mm² *(290 - 870 psi)*	10 - 20 min.	24 h	-60 to +150°C *(-76 to +302°F)*
AN 301-72	white	M 80 R 3“	15,000 - 60,000 mPa·s	0.30 mm	5 - 10 Nm	4 - 6 Nm	5 - 7 N/mm² *(725 - 1,015 psi)*	15 - 30 min.	6 - 12 h	-60 to +200°C *(-76 to +392°F)*
AN 302-25	brown	M 80 R 3“	6,000 - 30,000 mPa·s	0.30 mm	5 - 8 Nm	2 - 4 Nm	3 - 5 N/mm² *(435 - 725 psi)*	15 - 30 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-45	blue	M 80 R 3“	6,000 - 30,000 mPa·s	0.30 mm	10 - 15 Nm	12 - 18 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	15 - 30 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-75	green	M 80 R 3“	14,000 - 24,000 mPa·s	0.30 mm	40 - 50 Nm	40 - 50 Nm	15 - 25 N/mm² *(2,175 - 3,625 psi)*	15 - 30 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 302-77	red	M 36	6,000 mPa·s	0.25 mm	30 - 40 Nm	10 - 15 Nm	35 - 45 N/mm² *(5,075 - 6,525 psi)*	40 - 60 min.	6 - 12 h	-60 to +150°C *(-76 to +302°F)*
AN 302-80	green	M 36	3,000 - 6,000 mPa·s	0.20 mm	35 - 45 Nm 15 - 20 Nm*	50 - 70 Nm 25 - 35 Nm*	20 - 30 N/mm² *(2,900 - 4,350 psi)*	2 - 5 min. 5 - 10 min.*	2 - 4 h 6 - 12 h*	-60 to +200°C *(-76 to +392°F)*
AN 305-11	white	M 80 R 3“	17,000 - 50,000 mPa·s	0.40 mm	7 - 10 Nm	2 - 4 Nm	4 - 6 N/mm² *(580 - 870 psi)*	20 - 40 min.	5 - 10 h	-60 to +150°C *(-76 to +302°F)*
AN 305-42	brown	M 20 R 3/4“	500 mPa·s	0.15 mm	12 - 15 Nm	18 - 22 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	10 - 20 min.	2 - 4 h	-60 to +150°C *(-76 to +302°F)*
AN 305-67	white	M 80 R 3“	170,000 - 410,000 mPa·s	0.60 mm	3 - 5 Nm	2 - 4 Nm	6 - 8 N/mm² *(870 - 1,160 psi)*	120 - 240 min.	24 - 72 h	-50 to +175°C *(-58 to +347°F)*
AN 305-72	white	M 80 R 3“	17,000 - 50,000 mPa·s	0.40 mm	7 - 10 Nm	2 - 4 Nm	4 - 6 N/mm² *(580 - 870 psi)*	20 - 40 min.	5 - 10 h	-60 to +150°C *(-76 to +302°F)*
AN 305-77	yellow	M 80 R 3“	24,000 - 70,000 mPa·s	0.50 mm	18 - 22 Nm	10 - 14 Nm	6 - 13 N/mm² *(870 - 1,885 psi)*	15 - 30 min.	1 - 3 h	-60 to +150°C *(-76 to +302°F)*
AN 305-78	yellow	M 80 R 3“	50,000 - 80,000 mPa·s	0.50 mm	18 - 22 Nm 11 - 16 Nm*	10 - 14 Nm 4 - 7 Nm*	6 - 13 N/mm² *(870 - 1,885 psi)*	15 - 30 min. 25 - 50 min.*	1 - 3 h 4 - 8 h*	-60 to +150°C *(-76 to +302°F)*
AN 305-86	red	M 56 R 2“	6,000 - 7,000 mPa·s	0.30 mm	15 - 30 Nm	25 - 45 Nm	10 - 20 N/mm² *(1,450 - 2,900 psi)*	60 - 90 min.	12 - 24 h	-60 to +150°C *(-76 to +302°F)*

*Strength measured on V4A stainless steel screws



AN 301-38

NSF Certified to NSF/ANSI 61

Retaining cylindrical assemblies for bearings, shafts and bushings | drinking water approval

- medium viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10026852	10026846	10026847



AN 301-48

NSF Certified to NSF/ANSI 61 | DIN DVGW | WRAS APPROVED MATERIAL

Retaining cylindrical assemblies for bearings, shafts and bushings | high-temperature-resistant | drinking water and DVGW approval

- medium viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10026859	10026856	10026857



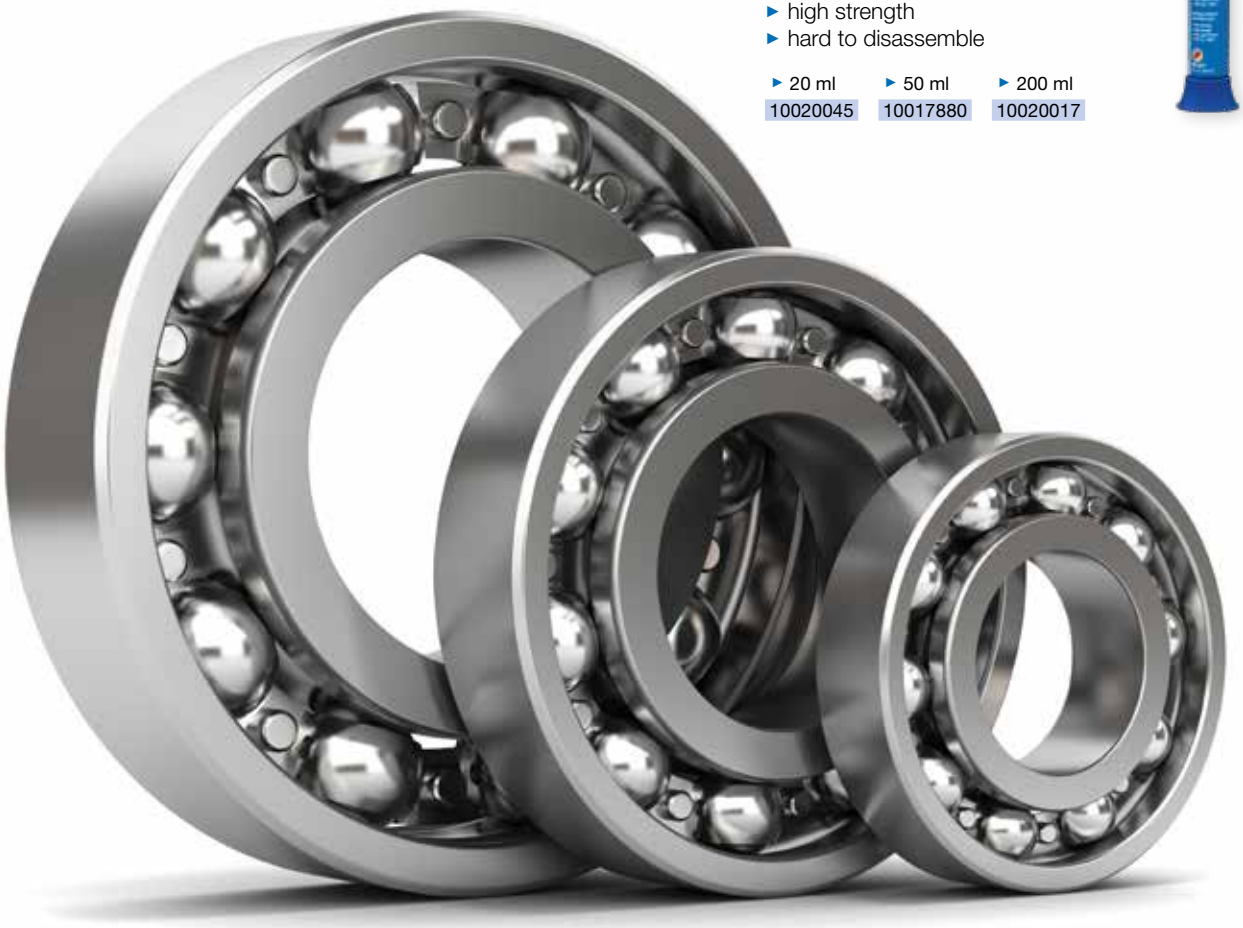
AN 306-01

Retaining cylindrical assemblies for bearings | shafts and bushings

- low viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10020045	10017880	10020017





Retaining Cylindrical Assemblies

AN 306-03

Retaining cylindrical assemblies for bearings, shafts and bushings

- low viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10020047	10017882	10020019



VIDEO

AN 306-10

Retaining cylindrical assemblies for passive materials | drinking water approval**

- medium viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10019911	10017883	10020021



AN 306-20

Retaining cylindrical assemblies | high-temperature-resistant | drinking water and DVGW approval | BAM*

- higher viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10017330	10017885	10020023





AN 306-30

Retaining cylindrical assemblies for passive materials | BAM* | drinking water approval**

- higher viscosity
- high strength
- hard to disassemble

20 ml	50 ml	200 ml
10016438	10017887	10020025





VIDEO



* according to leaflet M 034-1 “List of non-metallic materials compatible with oxygen” (DGUV information 213-075) of BG RCI

** Passive materials: (slow curing)
- high-alloyed steel
- aluminium, nickel, zinc, gold
- oxide layers
- chromate layers
- anodic coatings
- plastics and ceramics





AN 306-38

Retaining cylindrical assemblies for bearings, gear wheels and bolts | fast-curing | drinking water approval

- medium viscosity
- high strength
- hard to disassemble



10 ml	20 ml	50 ml	200 ml
10030478	10016443	10017888	10020027

AN 306-40

Retaining cylindrical assemblies | high-temperature-resistant | slow cure

- medium viscosity
- high strength
- hard to disassemble



20 ml	50 ml	200 ml
10020049	10017890	10020031

AN 306-41

Retaining cylindrical assemblies for bearings, shafts and bushings

- medium viscosity
- medium strength
- disassembly with normal tools



20 ml	50 ml	200 ml
10020029	10017892	10020033





WEICONLOCK®

Retaining Cylindrical Assemblies

AN 306-60

Assembly of cylindrical parts for worn out bearing rings and bushings

- high viscosity
- high strength
- hard to disassemble



- 50 ml 10019955
- 200 ml 10020040

AN 306-48

Nach IVK-Empfehlung geprüft durch: Hygiene-Institut des Ruhrgebiets

Retaining cylindrical assemblies | high-temperature-resistant | drinking water approval | BAM*

- medium viscosity
- high strength
- hard to disassemble

- 20 ml 10016442
- 50 ml 10017893
- 200 ml 10020035



* according to leaflet M 034-1 "List of non-metallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

Technical Data

Type-No.	Colour	For threaded joints up to	Viscosity at +25°C (+77°F) Brookfield	Gap filling capacity max.	Breakaway strength (Thread)	Prevailing strength (Thread)	Shear strength N/mm² (DIN 54452)	Handling strength at room temperature	Final strength at room temperature	Temperature resistance
AN 301-38	green	M 36	2,000 - 3,000 mPa·s	0.20 mm	30 - 40 Nm	45 - 60 Nm	20 - 25 N/mm² *(2,900 - 3,625 psi)*	approx. 5 min.	2 - 4 h	-60 to +150°C *(-76 to +302°F)*
AN 301-48	green	M 20 R 3/4"	450 - 650 mPa·s	0.15 mm	25 - 30 Nm	40 - 55 Nm	25 - 30 N/mm² *(3,625 - 4,350 psi)*	2 - 6 min.	2 - 4 h	-60 to +175°C *(-76 to +347°F)*
AN 306-01	green	M 12	125 mPa·s	0.10 mm	25 - 30 Nm	50 - 60 Nm	14 - 20 N/mm² *(2,030 - 2,900 psi)*	10 - 20 min.	2 - 4 h	-60 to +150°C *(-76 to +302°F)*
AN 306-03	green	M 12	125 mPa·s	0.10 mm	25 - 30 Nm	50 - 60 Nm	15 - 18 N/mm² *(2,175 - 2,610 psi)*	10 - 20 min.	2 - 4 h	-60 to +150°C *(-76 to +302°F)*
AN 306-10	green	M 20 R 3/4"	700 - 1,000 mPa·s	0.15 mm	30 - 35 Nm 15 - 20 Nm*	55 - 70 Nm 30 - 35 Nm*	25 - 35 N/mm² *(3,625 - 5,075 psi)*	2 - 5 min. 5 - 10 min.*	2 - 4 h 6 - 12 h*	-60 to +200°C *(-76 to +392°F)*
AN 306-20	green	M 56 R 2"	3,000 - 6,000 mPa·s	0.20 mm	28 - 36 Nm	40 - 55 Nm	15 - 25 N/mm² *(2,175 - 3,625 psi)*	20 - 40 min.	approx. 24 h	-60 to +200°C *(-76 to +392°F)*
AN 306-30	green	M 36	3,000 - 6,000 mPa·s	0.20 mm	35 - 45 Nm 15 - 20 Nm*	50 - 70 Nm 25 - 35 Nm*	20 - 30 N/mm² *(2,900 - 4,350 psi)*	2 - 5 min. 5 - 10 min.*	2 - 4 h 2 - 4 h*	-60 to +200°C *(-76 to +392°F)*
AN 306-38	green	M 36	2,500 mPa·s	0.20 mm	35 - 45 Nm	50 - 70 Nm	25 - 30 N/mm² *(3,625 - 4,350 psi)*	approx. 5 min.	1 - 3 h	-60 to +150°C *(-76 to +302°F)*
AN 306-40	green	M 20 R 3/4"	600 mPa·s	0.15 mm	20 - 30 Nm	30 - 40 Nm	15 - 30 N/mm² *(2,175 - 4,350 psi)*	approx. 240 min.	approx. 24 h	-60 to +200°C *(-76 to +392°F)*
AN 306-41	yellow	M 20 R 3/4"	550 mPa·s	0.12 mm	12 - 15 Nm	17 - 22 Nm	8 - 12 N/mm² *(1,160 - 1,740 psi)*	10 - 20 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*
AN 306-48	green	M 20 R 3/4"	550 mPa·s	0.15 mm	30 - 35 Nm	55 - 70 Nm	25 - 35 N/mm² *(3,625 - 5,075 psi)*	approx. 5 min.	2 - 4 h	-60 to +175°C *(-76 to +347°F)*
AN 306-60	silver	M 56 R2"	150,000 - 900,000 mPa·s	0.50 mm	35 - 45 Nm	10 - 20 Nm	25 - 30 N/mm² *(3,625 - 4,350 psi)*	15 - 30 min.	3 - 6 h	-60 to +150°C *(-76 to +302°F)*

*Strength measured on V4A stainless steel screws



AN 301-65

Certified to NSF/ANSI 61

Pipe and flange sealing with PTFE | classified as non-hazardous | drinking water approval

- high viscosity
- medium strength
- disassembly with normal tools pproval

50 ml	200 ml	300 ml
10031782	10031783	10034139



AN 301-72

Certified to NSF/ANSI 61

Pipe and flange sealing with PTFE | classified as non-hazardous | high-temperature-resistant | drinking water and DVGW approval

- higher viscosity
- medium strength
- disassembly with normal tools

50 ml	200 ml	300 ml
10026836	10026840	10047470



AN 305-10

Gasketing of flanges | high-temperature-resistant | BAM*

- high viscosity
- high strength
- hard to disassemble

50 ml	200 ml	300 ml
10019937	10019995	10002596



* according to leaflet M 034-1 "List of non-metallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

AN 305-18

Nonfood Compounds Program Listed S2 Registration 167442

Flange sealing for filling large gaps immediate sealing effect | high-temperature-resistant

- high viscosity
- high strength
- hard to disassemble

50 ml	200 ml	300 ml
10019941	10019999	10019591



AN 305-67

Pipe and flange sealing with PTFE | gap filling capacity max. 0.60 mm

- high viscosity
- low strength
- easy disassembly

50 ml	200 ml
10032101	10033883





WEICONLOCK®

Flange Sealing and Gasketing

AN 305-72

Pipe and flange sealing with PTFE | immediate sealing effect | drinking water and DVGW approval

- high viscosity
- medium strength
- disassembly with normal tools

50 ml	200 ml	300 ml
10019943	10020003	10026707



AN 305-73

Gasketing of flanges, gearboxes and other motor housings

- high viscosity
- low strength
- easy disassembly

50 ml	200 ml	300 ml
10019945	10020005	10031472



AN 305-74

Gasketing of flanges, gearboxes and other motor housings

- high viscosity
- high strength
- hard to disassemble

50 ml	200 ml	300 ml
10019947	10020009	10034146



Technical data

Type-No,	Colour	For threaded joints up to	Viscosity at +25°C (+77°F) Brookfield	Gap filling capacity max,	Breakaway strength (Thread)	Prevailing strength (Thread)	Shear strength N/mm² (DIN 54452)	Handling strength at room temperature	Final strength at room temperature	Temperature resistance
AN 301-65	white	M 80 R 3“	180,000 - 300,000 mPa·s	0.50 mm	4 - 8 Nm	1 - 3 Nm	2 - 6 N/mm² *(290 - 870 psi)*	10 - 20 min.	24 h	-60 to +150°C *(-76 to +302°F)*
AN 301-72	white	M 80 R 3“	15,000 - 60,000 mPa·s	0.30 mm	5 - 10 Nm	4 - 6 Nm	5 - 7 N/mm² *(725 - 1,015 psi)*	15 - 30 min.	6 - 12 h	-60 to +200°C *(-76 to +392°F)*
AN 305-10	orange	---	70,000 - 300,000 mPa·s	0.50 mm	18 - 25 Nm	15 - 25 Nm	5 - 10 N/mm² *(725 - 1,450 psi)*	15 - 30 min.	6 - 12 h	-60 to +200°C *(-76 to +392°F)*
AN 305-18	red	---	80,000 - 500,000 mPa·s	0.50 mm	12 - 18 Nm	18 - 24 Nm	8 - 13 N/mm² *(1,160 - 1,885 psi)*	10 - 20 min.	3 - 6 h	-60 to +200°C *(-76 to +392°F)*
AN 305-67	white	M 80 R 3“	170,000 - 410,000 mPa·s	0.60 mm	3 - 5 Nm	2 - 4 Nm	6 - 8 N/mm² *(870 - 1,160 psi)*	120 - 240 min.	24 - 72 h	-50 to +175°C *(-58 to +347°F)*
AN 305-72	white	M 80 R 3“	17,000 - 50,000 mPa·s	0.40 mm	7 - 10 Nm	2 - 4 Nm	4 - 6 N/mm² *(580 - 870 psi)*	20 - 40 min.	5 - 10 h	-60 to +150°C *(-76 to +302°F)*
AN 305-73	light green	---	17,000 - 50,000 mPa·s	0.30 mm	6 - 10 Nm	2 - 5 Nm	4 - 6 N/mm² *(580 - 870 psi)*	20 - 40 min.	approx. 12 h	-60 to +150°C *(-76 to +302°F)*
AN 305-74	orange	---	30,000 - 100,000 mPa·s	0.50 mm	16 - 24 Nm	5 - 10 Nm	5 - 10 N/mm² *(725 - 1,450 psi)*	15 - 30 min.	approx. 12 h	-60 to +180°C *(-76 to +356°F)*

Type-No.	Application	Features	Colour	For threaded joints up to	Viscosity in mPa.s at +25°C (+77°F) Brookfield	Gap filling capacity in mm max.	Breakaway strength N/m (Thread¹)	Prevailing strength N/m (Thread¹)	Shear-strength** N/mm² (DIN 54452)	Handling strength at room temp. (minute)	Final strength at room temperature (hours)	Temperature resistance
AN 301-43 NSF	Threadlocking, drinking water and DVGW² approval	medium strength higher viscosity	blue	M 36	2,000 - 8,000 mt	0.25	18 - 22	9 - 11	10 - 13 *(1,450 - 1,885 psi)*	5 -15	1 - 3	-60°C to +150°C *(-76°F to +302°F)*
AN 301-70 NSF	Threadlocking, drinking water approval	high strength medium viscosity	green	M 25	500 - 900 nt	0.15	25 - 35	40 - 50	14 - 20 *(2,030 - 2,900 psi)*	5 - 15	5 - 10	-60°C to +150°C *(-76°F to +302°F)*
AN 302-21	Threadlocking	low strength low viscosity	violet	M 12	125	0.10	7 - 10	3 - 6	4 - 7 *(580 - 1,015 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-22	Threadlocking	low strength medium viscosity	purple	M 36	1,000 mt	0.20	4 - 8	2 - 4	3 - 5 *(435 - 725 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-40	Threadlocking, DVGW² approval	medium strength medium viscosity	transparent	M 20 R ¾"	600 nt	0.15	12 - 16	18 - 24	8 - 12 *(1,160 - 1,740 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-41	Threadlocking	medium strength low viscosity	blue	M 12	125 nt	0.10	10 - 15	12 - 16	8 - 12 *(1,160 - 1,740 psi)*	10 - 20	approx. 3	-60°C to +150°C *(-76°F to +302°F)*
AN 302-42	Threadlocking, drinking water approval	medium strength medium viscosity	blue	M 36	1,000 mt	0.20	14 - 18	5 - 8	8 - 12 *(1,160 - 1,740 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-43 NSF	Threadlocking, drinking water and DVGW² approval	medium strength higher viscosity	blue	M 36	2,000 - 7,000 mt	0.25	17 - 22	8 - 12	9 - 13 *(1,305 - 1,885 psi)*	10 - 20	1 - 3	-60°C to +200°C *(-76°F to +392°F)*
AN 302-44	Threadlocking for passive materials, drinking water and DVGW² approval	medium strength higher viscosity	blue	M 36	3,000 - 8,000 mt	0.25	17 - 22 8 - 12*²	8 - 12 5 - 8*²	9 - 13 *(1,305 - 1,885 psi)*	10 - 20 20 - 40*²	1 - 3 4 - 8*²	-60°C to +200°C *(-76°F to +392°F)*
AN 302-50	Threadlocking	high strength medium viscosity	transparent	M 20 R ¾"	500 nt	0.15	30 - 35	55 - 70	25 - 35 *(3,625 - 5,075 psi)*	2 - 5	2 - 4	-60°C to +175°C *(-76°F to +347°F)*
AN 302-60	Threadlocking for passive materials	high strength medium viscosity	green	M 20 R ¾"	700 - 1,000 nt	0.15	30 - 35 15 - 20*²	55 - 70 30 - 35*²	25 - 35 *(3,625 - 5,075 psi)*	2 - 5 5 - 10*²	2 - 4 6 - 12*²	-60°C to +200°C *(-76°F to +392°F)*
AN 302-62	Threadlocking	strong higher viscosity	red	M 36	1,500 - 6,500 mt	0.25	20 - 25	40 - 55	10 - 15 *(1,450 - 2,175 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-70	Locking of threads and stud bolts, drinking water and DVGW² approval	high strength medium viscosity	green	M 20 R ¾"	500 nt	0.15	28 - 35	50 - 65	15 - 20 *(2,175 - 2,900 psi)*	10 - 20	3 - 6	-60°C to +200°C *(-76°F to +392°F)*
AN 302-71	Locking of threads and stud bolts	high strength medium viscosity	red	M 20 R ¾"	500 nt	0.15	28 - 35	50 - 65	15 - 20 *(2,175 - 2,900 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-72	Locking of threads and stud bolts, drinking water and DVGW² approval	high strength higher viscosity	red	M 56 R 2"	6,000 - 15,000 mt	0.30	20 - 30	40 - 75	10 - 15 *(1,450 - 2,175 psi)*	20 - 40	5 - 10	-60°C to +230°C *(-76°F to +446°F)*
AN 302-90	Threadlocking for locking after assembly	high strength extremely low viscosity	green	M 5 kapillar	10 - 20	0.07	15 - 25	30 - 40	8 - 12 *(1,160 - 1,740 psi)*	5 - 20	approx. 3	-60°C to +150°C *(-76°F to +302°F)*
AN 301-65 NSF	Pipe and flange sealing (with PTFE), drinking water approval	medium strength, high viscosity	white	M 80 R 3"	180,000 - 300,000	0.50	4 - 8	1 - 3	2 - 6 *(290 - 870 psi)*	10 - 20	24	-60°C to +150°C *(-76°F to +302°F)*
AN 301-72 NSF WRAS	Pipe and flange sealing (with PTFE), drinking water and DVGW² approval	medium strength, high viscosity	white	M 80 R 3"	15,000 - 60,000 ht	0.30	5 - 10	4 - 6	5 - 7 *(725 - 1,015 psi)*	15 - 30	6 - 12	-60°C to +200°C *(-76°F to +392°F)*
AN 302-25	Sealing of threaded pipes and fittings	low strength, high viscosity	brown	M 80 R 3"	6,000 - 30,000 mt	0.30	5 - 8	2 - 4	3 - 5 *(435 - 725 psi)*	15 - 30	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-45	Sealing of threaded pipes and fittings, DVGW²-approval	medium strength, high viscosity	blue	M 80 R 3"	6,000 - 30,000 mt	0.30	10 - 15	12 - 18	8 - 12 *(1,160 - 1,740 psi)*	15 - 30	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-75	Sealing of threaded pipes and fittings, BAM*³	high strength, high viscosity	green	M 80 R 3"	14,000 - 24,000 mt	0.30	40 - 50	40 - 50	15 - 25 *(2,175 - 3,625 psi)*	15 - 30	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 302-77	Sealing of threaded pipes and fittings	high strength, higher viscosity	red	M 36	6,000	0.25	30 - 40	10 - 15	35 - 45 *(5,075 - 6,525 psi)*	40 - 60	6 - 12	-60°C to +150°C *(-76°F to +302°F)*
AN 302-80	Sealing of threaded pipes and fittings for passive materials	high strength, higher viscosity	green	M 36	3,000 - 6,000 mt	0.20	35 - 45 15 - 20*²	50 - 70 25 - 35*²	20 - 30 *(2,900 - 4,350 psi)*	2 - 5 5 - 10*²	2 - 4 6 - 12*²	-60°C to +200°C *(-76°F to +392°F)*
AN 305-11	Sealing of threaded pipes and fittings, drinking water and DVGW² approval	medium strength, high viscosity	white	M 80 R 3"	17,000 - 50,000 ht	0.40	7 - 10	2 - 4	4 - 6 *(580 - 870 psi)*	20 - 40	5 - 10	-60°C to +150°C *(-76°F to +302°F)*
AN 305-42	Sealant for hydraulic and pneumatic systems, DVGW² approval	medium strength, medium viscosity	brown	M 20 R ¾"	500 nt	0.15	12 - 15	18 - 22	8 - 12 *(1,160 - 1,740 psi)*	10 - 20	2 - 4	-60°C to +150°C *(-76°F to +302°F)*
AN 305-67	Pipe and flange sealing (with PTFE)	low strength, high viscosity	white	M 80 R 3"	170,000 - 410,000	0.60	3 - 5	2 - 4	6 - 8 *(870 - 1,160 psi)*	120 - 240	24 - 72	-50°C to +175°C *(-58°F to +347°F)*
AN 305-72	Pipe and flange sealing (with PTFE), drinking water, DVGW² and AGA*⁴ approval	medium strength, high viscosity	white	M 80 R 3"	17,000 - 50,000 ht	0.40	7 - 10	2 - 4	4 - 6 *(580 - 870 psi)*	20 - 40	5 - 10	-60°C to +150°C *(-76°F to +302°F)*
AN 305-77 NSF	Sealing of threaded pipes and fittings, BAM*³, drinking water, DVGW² and AGA*⁴ approval	medium strength, high viscosity	yellow	M 80 R 3"	24,000 - 70,000 ht	0.50	18 - 22	10 - 14	6 - 13 *(870 - 1,885 psi)*	15 - 30	1 - 3	-60°C to +150°C *(-76°F to +302°F)*
AN 305-78	Sealing of threaded pipes and fittings for passive materials, drinking water and DVGW² approval	medium strength, high viscosity	yellow	M 80 R 3"	50,000 - 80,000 ht	0.50	18 - 22 11 - 16*²	10 - 14 4 - 7*²	6 - 13 *(870 - 1,885 psi)*	15 - 30 25 - 50*²	1 - 3 4 - 8*²	-60°C to +150°C *(-76°F to +302°F)*
AN 305-86	Pipe sealing (extra strong)	high strength, higher viscosity	red	M 56 R 2"	6,000 - 7,000 nt	0.30	15 - 30	25 - 45	10 - 20 *(1,450 - 2,900 psi)*	60 - 90	12 - 24	-60°C to +150°C *(-76°F to +302°F)*

Type-No.	Application	Features	Colour	For threaded joints up to	Viscosity in mPa.s at +25°C (+77°F) Brookfield	Gap filling capacity in mm max.	Breakaway strength N/m (Thread*)	Prevailing strength N/m (Thread*)	Shear-strength** N/mm² (DIN 54452)	Handling strength at room temp. (minute)	Final strength at room temperature (hours)	Temperature resistance
AN 301-38 NSF	Retaining cylindrical assemblies, drinking water approval	high strength, medium viscosity	green	M 36	2,000 - 3,000 mt	0.20	30 - 40	45 - 60	20 - 25 *(2,900 - 3,625 psi)*	approx. 5	2 - 4	-60°C to +150°C *(-76°F to +302°F)*
AN 301-48 NSF DVGW WRAS	Retaining cylindrical assemblies, drinking water and DVGW[2] approval	high strength, medium viscosity	green	M 20 R ¾"	450 - 650 nt	0.15	25 - 30	40 - 55	25- 30 *(3,625 - 4,350 psi)*	2 - 6	2 - 4	-60°C to +175°C *(-76°F to +347°F)*
AN 306-01	Retaining cylindrical assemblies	high strength, low viscosity	green	M 12	125 nt	0.10	25 - 30	50 - 60	17 - 22 *(2,466 - 3,190)*	10 - 20	2 - 4	-60°C to +150°C *(-76°F to +302°F)*
AN 306-03	Retaining cylindrical assemblies	high strength, low viscosity	green	M 12	125 nt	0.10	25 - 30	50 - 60	15 - 18 *(2,175 - 2,610 psi)*	10 - 20	2 - 4	-60°C to +150°C *(-76°F to +302°F)*
AN 306-10	Retaining cylindrical assemblies for passive materials, drinking water approval	high strength, medium viscosity	green	M 20 R ¾"	700 - 1,000 nt	0.15	30 - 35 15 - 20*[2]	55 - 70 30 - 35*[2]	25 - 35 *(3,625 - 5,075 psi)*	2 - 5 5 - 10*[2]	2 - 4 6 - 12*[2]	-60°C to +200°C *(-76°F to +392°F)*
AN 306-20 DVGW WRAS BAM[3]	Retaining cylindrical assemblies, drinking water and DVGW[2] approval, BAM[3]	high strength, higher viscosity	green	M 56 R 2"	3,000 - 6,000 nt	0.20	28 - 36	40 - 55	15 - 25 *(2,175 - 3,625 psi)*	20 - 40	approx. 24	-60°C to +200°C *(-76°F to +392°F)*
AN 306-30 BAM[3]	Retaining cylindrical assemblies for passive materials, BAM[3]	high strength, higher viscosity	green	M 36	3,000 - 6,000 mt	0.20	35 - 45 15 - 20*[2]	50 - 70 25 - 35*[2]	20 - 30 *(2,900 - 4,350 psi)*	2 - 5 5 - 10*[2]	2 - 4 6 - 12*[2]	-60°C to +200°C *(-76°F to +392°F)*
AN 306-38	Retaining cylindrical assemblies, drinking water approval	high strength, medium viscosity	green	M 36	2,500 mt	0.20	35 - 45	50 - 70	25 - 30 *(3,625 - 4,350 psi)*	approx. 5	1 - 3	-60°C to +150°C *(-76°F to +302°F)*
AN 306-40	Retaining cylindrical assemblies	high strength, medium viscosity	green	M 20 R 3/4"	600 nt	0.15	20 - 30	30 - 40	15 - 30 *(2,175 - 4,350 psi)*	approx. 240	approx. 24	-60°C to +200°C *(-76°F to +392°F)*
AN 306-41	Retaining cylindrical assemblies	medium strength, medium viscosity	yellow	M 20 R 3/4"	550 nt	0.12	12 - 15	17 - 22	8 - 12 *(1,160 - 1,740 psi)*	10 - 20	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 306-48	Retaining cylindrical assemblies, drinking water approval, BAM[3]	high strength, medium viscosity	green	M 20 R 3/4"	550 nt	0.15	30 - 35	55 - 70	25 - 35 *(3,625 - 5,075 psi)*	approx. 5	2 - 4	-60°C to +175°C *(-76°F to +347°F)*
AN 306-60	Assembly of cylindrical parts	high strength, high viscosity	silver	M 56 R2"	150,000 - 900,000 ht	0.50	35 - 45	10 - 20	25 - 30 *(3,625 - 4,350 psi)*	15 - 30	3 - 6	-60°C to +150°C *(-76°F to +302°F)*
AN 301-65 NSF	Pipe and flange sealing (with PTFE), drinking water approval	medium strength, high viscosity	white	M 80 R 3"	180,000 - 300,000	0.50	4 - 8	1 - 3	2 - 6 *(290 - 870 psi)*	10 - 20	24	-60°C to +150°C *(-76°F to +302°F)*
AN 301-72 NSF DVGW WRAS	Pipe and flange sealing (with PTFE), drinking water and DVGW[2] approval	medium strength, high viscosity	white	M 80 R 3"	15,000 - 60,000 ht	0.30	5 - 10	4 - 6	5 - 7 *(725 - 1,015 psi)*	15 - 30	6 - 12	-60°C to +200°C *(-76°F to +392°F)*
AN 305-10	Flange sealing, AGA*[4]-approval, BAM[3]	high strength, high viscosity	orange	---	70,000 - 300,000 ht	0.50	18 - 25	15 - 25	5 - 10 *(725 - 1,450 psi)*	15 - 30	6 - 12	-60°C to +200°C *(-76°F to +392°F)*
AN 305-18 NSF	Flange sealing	high strength, high viscosity	red	---	80,000 - 500,000 ht	0.50	12 - 18	18 - 24	8 - 13 *(1,160 - 1,885 psi)*	10 - 20	3 - 6	-60°C to +200°C *(-76°F to +392°F)*
AN 305-67	Pipe and flange sealing (with PTFE)	low strength, high viscosity	white	M 80 R 3"	170,000 - 410,000	0.60	3 - 5	2 - 4	6 - 8 *(1,160 - 1,740 psi)*	120 - 240	24 - 72	-50°C to +175°C *(-58°F to +347°F)*
AN 305-72 DVGW BAM[3]	Pipe and flange sealing (with PTFE), drinking water, DVGW[2] AGA*[4]-approval	medium strength, high viscosity	white	M 80 R 3"	17,000 - 50,000 ht	0.40	7 - 10	2 - 4	4 - 6 *(580 - 870 psi)*	20 - 40	5 - 10	-60°C to +150°C *(-76°F to +302°F)*
AN 305-73	Flange sealing	low strength, high viscosity	light green	---	17,000 - 50,000 ht	0.30	6 - 10	2 - 5	4 - 6 *(580 - 870 psi)*	20 - 40	approx. 12	-60°C to +150°C *(-76°F to +302°F)*
AN 305-74	Flange sealing	high strength, high viscosity	orange	---	30,000 - 100,000 ht	0.50	16 - 24	5 - 10	5 - 10 *(725 - 1,450 psi)*	15 - 30	approx. 12	-60°C to +180°C *(-76°F to +356°F)*

*Strength values based on M 10 screws, 8.8 grade, thickness of nut 0,8.d
*²Strength measured on V4A stainless steel screws
**Static shear strength based on cylindrical parts of abt. Ø 13 mm, tolerance (D-d) = 0.05 mm, l/d = 0.88

[2] DVGW Certificate for use in gas supply and hot water systems
[3] BAM tested and safety-related evaluated- according to leaflet M 034-1 "List of nonmetallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI
[4] AustralianGasAssociation - Approval - Gas Class II 500 kPA

We do not recommend WEICONLOCK for long-term use on connections of copper and its alloys if exposed to water of more than +40°C (+104°F).

All recommendations and technical data are based on laboratory tests and extensive experiences by users. They have been compiled with greatest care but we take no warranty of any kind and accept no liability for the results obtained.

* nt = low thixotrope
mt = medium thixotrope
ht = high thixotrope





Chemical resistance of WEICONLOCK*

Medium	Resistance
Waste water, excrements	+
Aluminium chloride	+
Apple juice, apple wine	+
Aromat, Solvent	+
Ethanol	+
Acetone	+
Benzol	+
Petrol	+
Beer	+
Wort, malt extract	+
Brake fluid	+
Butyl alcohol	+
Butyl acetate	+
Chlorine alcohol	+
Chlorinated water	+
Vinegar	+
Acetic acid 10%	%
Acetic acid 80%	o
Ethyl acetate	+
Formaldehyde - cold	+
Formaldehyde - hot	o
Glycocol, glycine	+
Glycolic acid	+
Fuel oil	+
Heptane	+
Hexane	+
Isobutyl alcohol	+
Potassium chromate	+
Potassium carbonate	+
Calcium chlorate	+
Calcium chloride	+
Calcium hydroxide	+
Calcium phosphate	+
Calcium sulfate	+
Kerosene	+
Methanol, methyl alcohol	+
Methyethylheton	+
Mineral oil	+
Naphtha, petroleum	+
Sodium chlorite	+
Sodium fluoride	+
Bio-Diesel (RME)	+
Diesel, heating oil	+
Ozone, liquid	-
Phenol	+
Seawater	+
Silicone oil	+
Edible oil	+
Turpentine	+
Toluene, methylbenzene	+
Grape juice	+
Water (acidic) under PH 7	+
Water PH 7 to 8	+
Water (alk.) over PH 8	+
Water cooked	o
Water distilled	+
Hydrogen	+
Hydrogen peroxide	+
Xylene, dimethylbenzene	+
Cylinder oil	+

Gas	Resistance
Acethylene	+
Ammonia, ammonium chloride	+
Hydrochloric acid	+
Helium	+
Isobutane	+
Methyl chloride	+
Natural gas - dry	+
Ozone	-
Propane	+
Oxygen, (only WEICONLOCK-Types with BAM)	+
Sulphur dioxide	+
Nitrogen gas	+

+ = good resistance
% = limited resistance
o = resistant
- = not resistant

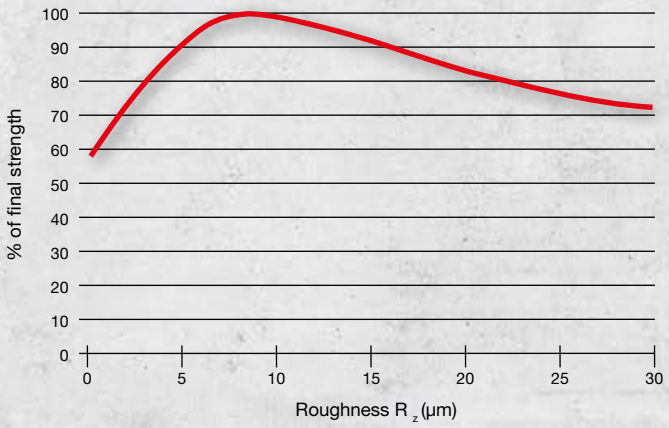
The a.m. resistances are a short excerpt.
Further chemical resistances are available upon request.

*Does not apply to SI 303-31

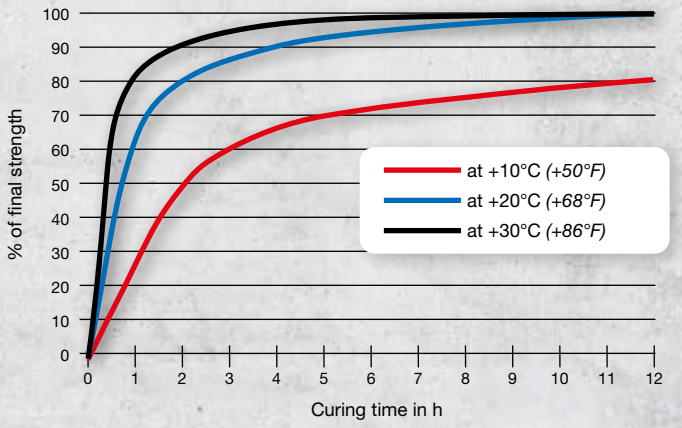


WEICONLOCK®

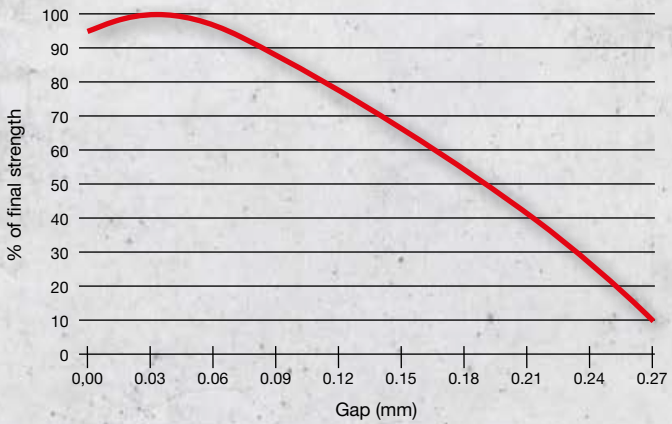
Strength of WEICONLOCK®
dependent on the roughness



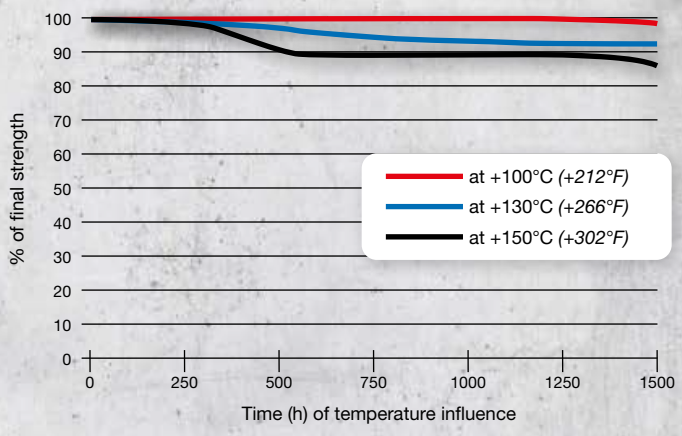
Curing speed of WEICONLOCK®
dependent on the ambient temperature



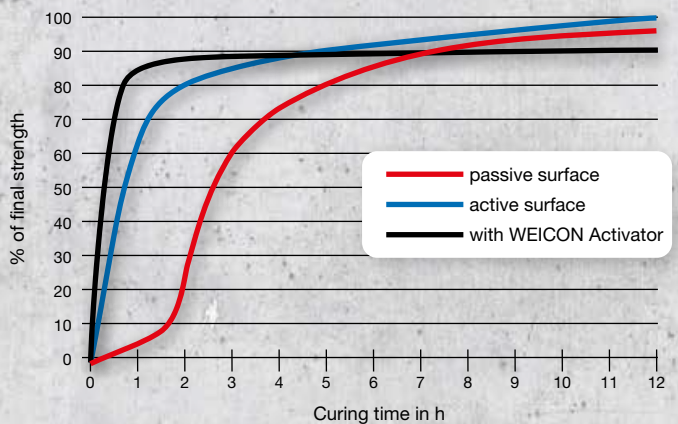
Strength of WEICONLOCK®
dependent on the joint gap



Temperature long-term resistance WEICONLOCK®
at increased temperatures



Curing speed with
WEICON Activator F



Gasket Maker

Permanently elastic special sealant

WEICON Gasket Maker is a strong and permanently elastic special sealant that cures with air humidity and practically without shrinkage. Gasket Maker has a very good adhesion to steel, aluminium, glass, ceramic, and many other materials.

Gasket Maker has an excellent temperature, oil and grease resistance, is pressure- and ageing-resistant, UV-stable and permanently elastic.

The special sealant can be used on engines and water pumps, gears and axles, oil sumps and in many other applications.

	▸ 280 ml	▸ Set	▸ Foil bag
red	10105055	10105058	10105052
black	10105064	10105067	10105061





Technical data

	WEICON Gasket Maker in non-cured condition	
	red	black
Base:	one-component acetate	
Density (g/cm³):	1.28	1.06
Viscosiy:	pasty	pasty
Stability/Run-off (ASTM D 2202) mm:	1	>1
Cure type:	by humidity	
Curing condition:	+5°C to +35°C *(+41 to +95°F)* and 30% to 95% rel. humidity	
Skin-over time (minutes):*3	12	7
Cure speed:*3	2-3 mm in the first 24 hours	
Volume change (DIN 52451) %:*3	-1 %	-3 %
Gap filling up to max. mm:	5	
Gap width up to max. mm:	25	
Shelf life in months: (room temperature)	12	
	WEICON Gasket Maker in cured condition	
Shore hardness A (DIN 53505 / ASTM D 2240):	35±5	35±5
Elongation at break ISO 37, S3A [%]	500	
Tensile strength ISO 37, S3A [N/mm²]	2.0 N/mm² (290 psi)	
Tension strength value at 100 % (ISO 37, S3A)	0.9 N/mm² (130 psi)	0.7 N/mm² (100 psi)
Movement capacity max. %:	15	15
Temperature resistance:	-60°C to +280°C *(-76°F to +536°F)* briefly up to (approx. 2 h) +300°C *(+572°F)*	
Paintable:	cannot be painted	
Building material category (DIN 4102):	B 2	

*3 Normalklima +23°C *(+73°F)* und 50% relative Luftfeuchte nach DIN 50014.



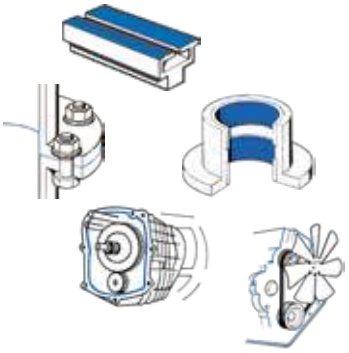
VIDEO



Gasket Maker and Plast-o-Seal®

Plast-o-Seal®

Permanently plastic universal sealant | solvent-free with no unpleasant odour | enables immediate assembly





Features and advantages:

- for sealing the smoothly treated flanges of machine, gearbox and motor casing flanges
- can be used on hot and cold surfaces
- to improve the performance of both old and new gaskets made from paper, cork, felt etc.
- solvent-free – odourless

- remains permanently plastic, before and after assembly
- easy joint dismantling
- economical in use
- very good resistance to most fuels, mineral oils, water, air, coolant mixtures based on methanol and glycol, antifreezes, kerosene, fluorocarbon refrigerants etc.

- max. gap filling capability up to 0.10 mm (without a gasket)
- non-sag, can be applied to vertical surfaces
- temperature-resistant from -50°C to +200°C (-58 to +392°F); briefly up to +250°C (+482°F)
- compensates for manufacturing defects such as scoring and scratches and enables accurate assembly
- allows accurate assembly and construction with low tolerances
- no need to overtighten fixings during assembly
- non-corrosive
- contains no substances that disturb lacquer wettings (e.g. silicone)
- fluorescent blue colour

▸ 90 g	▸ 120 g	▸ 230 g	▸ 300 g
10014387	10014388	10039427	10014389
Tube	Brush-top can	Presspack	Cartridge

Technical data

Colour	blue (fluorescent)
Specific weight at +20°C	1.15 g/cm³
Viscosity at +25°C (+77°F) Brookfield	950,000 - 1,650.000 mPa·s
Gap filling capacity max.	0.10 mm without gasket
Working temperature	+5°C up to +35°C *(+41 up to +95°F)*
Base	Polyester resin
Shelf life	24 months at room temperature (approx. +20°C/+68°F)
Temperature resistance	-50 to +200°C *(-58 to +392°F)* briefly up to +250°C *(+482°F)*



100 % PTFE

Thread Sealing Cord DF 175

► plastic can 175 m
10026655



- for metal and plastic threads
- in extreme temperature ranges between -200°C
- silicone-free
- is used in the area of solar applications
- tested up to 45° reverse rotation
- cost- and time-saving application
- BAM-tested*

WEICON DF 175 is used

- for almost all sealing of plastic and metal threads
- for ducts and pipes in which extremely aggressive media are transported
- in connection with gaseous or liquid media, such as oxygen, propane, butane and many more
- in the area of drinking water
- in extreme temperature ranges between -200°C (-328°F) and +240°C (+464°F)
- in the area of solar applications
- wherever an unscrewing of the connection (tested up to 45°) without weakening of the sealing effect is required



DIN DVGW CERT
WRAS APPROVED MATERIAL
GASTEC QA
UL-TESTED
TZW Technologiezentrum Wasser Karlsruhe Prüfstelle Wasser

BAM tested and safety-related evaluated- according to leaflet M 034-1 "List of nonmetallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI

VIDEO









Thread Sealing Cord and Threadlocking Varnish



Threadlocking Varnish

Fast-drying | non-conductive | excellent media resistance

Threadlocking Varnish is a solvent-based, fast-drying securing and marking varnish with good adhesion to many materials.

The varnish serves as a removable lock, as protection against tampering by unauthorised persons, as a cover for electrically conductive parts and as protection against corrosion and influencing through contact.

The threadlocking varnish is resistant to water, petrol, diesel, mineral oil, paraffin oil and diluted acids and lyes. The threadlocking varnish is essential for locking screw connections of all kinds, protecting against manipulation and unauthorised loosening of screws and connections, documenting quality assurance measures, production control and product inspection through a varnish seal and also for the visual inspection of connected, adjusted parts.

Threadlocking varnish is available in the colours yellow, green and red.



Technical Data

Colour	red (RAL 3000), yellow (RAL 1021), green (RAL 6010)
Degree of gloss	matt
Viscosity at +25°C *(+77°F)* acc. Brookfield	1,500 mPa·s
Processing temperature	+5°C to +120°C *(+41°F to 248°F)*
Dust dry after	5 minutes
Handling strength after	60 minutes
Breakaway strength*	2.7 Nm
Temperature resistance	-60°C to +120°C *(-76°F to 248°F)*
Shelf life	12 months

*Strength values determined on screw M10 with full-area thread wetting



30 g	60 g		
10038883	10047485	YELLOW RAL 1021*	
10038884	10046906	GREEN RAL 6010*	
10038882	10047481	RED RAL 3000*	

*corresponds approximately to the specified RAL colours





Cyanoacrylate Adhesives

WEICON Cyanoacrylate Adhesives are cold-curing 1-component adhesives, free of solvents. They quickly polymerise by reacting with moisture both on the surfaces to be bonded and from the air, and cure under light pressure.

They will bond within seconds almost all materials to and among each other, such as:

metals	plastics
glass	ceramics
wood	leather
natural and synthetic rubber	

When using WEICON Cyanoacrylate Adhesives, unlike in the case of welding and soldering, surfaces remain unaltered. No material stress occurs. Thus, more simple and rapid assembly is often possible, and auxiliary fixing devices are not necessary.

The resulting advantages are numerous:

- enormous time and, therefore, cost savings
- immediate processing of fixed parts possible
- high bond strength up to material fracture
- **clean and visually appealing bondings**



Type Selection Table

	VA 20	VA 8312	VA 8406	VA 100	VA 110	VA 1401	VA 300	VA 1500	GEL	VA 2500 HT	VA 30 Black	VA 250 Black	VA 1408	VA 1460	VA 1403	VM 20	VM 120	VM 2000	VA 2407
Metal	+	+	+	++	+	++	+	+	+	+	+	+	+	+	+	++	++	++	++
Plastic*	++	++	++	++	++	++	++	++	+	++	++	++	++	++	++	+	+	+	++
Rubber	++	++	++	++	++	++	+	++	+	++	++	++	++	++	+	+	+	+	++
EPDM-Elastomers	+	+	++	+	+	++	+	+		+	+	+	+	+	+				+
Wood	+			+	+	+	++	+	+	+	+	+	+		++				++
Balsa-wood		+	+	+	+	+	+	+	++	+	+	+	+		++				+
Glass/ Ceramic	+		+	++	+	++	++	+	++	+	+	+	++	+	+				++
Leather		+		++	+	++	++	++	++	+	+	+	+	+	++				++

*s. page 109 Contact Primer

suitable (+)

highly suitable (++)



Cyanoacrylate Adhesives

VA 20

Cyanoacrylate Adhesive for rubber and plastics | low viscosity | very fast curing | ISEGA-certified

WEICON Contact VA 20 has low viscosity (< 20 mPa•s) and cures very quickly.

VA 20 is suited for the bonding of rubber and plastics and also for precisely fitted metal/ plastic joints.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018860	10016618	10019781	10000215







WEICON Contact Filler transparent

Fillers for instant bonding and filling-in of clefts and cracks, holes as well as unlevelled surfaces in combination with WEICON Contact Adhesive VA 8312.

Contact Filler should be applied in layers: Adhesive - Filler - Adhesive

After curing is completed, the material can be sanded and painted.

▸ 30 g
10012382



WEICON Contact-Filler black

Black fillers for instant bonding and filling-in of clefts and cracks, holes as well as unlevelled surfaces in combination with WEICON Contact Adhesive VA 8312.

VIDEO

▸ 30 g
10063106

VA 8312

Cyanoacrylate Adhesive for rubber and plastics | low viscosity | very fast curing | ISEGA-certified

WEICON Contact VA 8312 has low viscosity (20- 40 mPa•s) and cures very quickly. VA 8312 is suited for the bonding of various rubber materials such as solid rubber or cellular rubber, plastics and EDPM elastomers. The adhesive is certified by the ISEGA research and evaluation company and can be used as an adhesive in the food technology.

In combination with WEICON CA-Primer, VA 8312 can also be used for polyolefines (PEpolyethylene, PP-polypropylene). In combination with WEICON Contact Filler*, VA 8312 is suited for the instant bonding and filling of cracks, clefts, holes and uneven surfaces.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018863	10016432	10019793	10000242



WEICON Contact-Filler Set transparent

Comprising: WEICON Contact Filler and WEICON Contact VA 8312

▸ Set
10063102



WEICON Contact-Filler Set black

Comprising: WEICON Contact Filler black and WEICON Contact VA 8312

▸ Set
10063110





VA 8406

Cyanoacrylate Adhesive for rubber and plastics | ISEGA-certified | low viscosity | very fast curing

WEICON Contact VA 8406 has low viscosity (20-50 mPa•s) and cures very quickly. It is suited for the fast fixing and bonding of various rubber materials such as solid rubber or cellular rubber, plastics and EPDM elastomers requiring quick fixing.

The adhesive is certified by the ISEGA research and evaluation company and can be used as an adhesive in the food technology. In combination with WEICON CA-Primer, VA 8406 can also be used for polyolefines (PE-polyethylene, PP-polypropylene) and for PTFE and silicones.

- 3 g 10101681
- 12 g 10018865
- 30 g 10016396
- 60 g 10019794
- 500 g 10001559

VA 100

Cyanoacrylate Adhesive for rubber and plastics | medium viscosity | slightly longer curing

WEICON Contact VA 100 is a universal type for the bonding of metals, plastic and rubber, both to and among each other.

VA 100 is ideal for the DIY sector, but can also be used in many areas of industry.

- 3 g 10001191
- 12 g 10018867
- 30 g 10016433
- 60 g 10019785
- 500 g 10000226

VA 110

Certified to NSF/ANSI 61

Cyanoacrylate Adhesive for special requirements | medium viscosity | longer curing | drinking water approval

The special feature of the product is its NSF registration in accordance with ANSI Standard 61 - Drinking Water System Components. Thus, VA 110 also meets the highest standards and can be used in sensitive areas such as in the pharmaceutical industry, in the manufacturing of cosmetics, in the food industry, in the manufacturing of toys or jewelry industry.

Due to its special formula and the resulting NSF registration, VA 110 can contribute towards improvements in occupational safety and health protection.

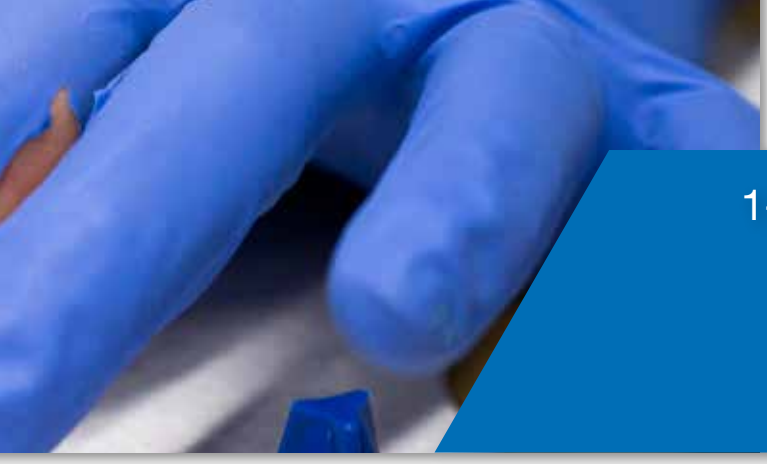
- 12 g 10033861
- 30 g 10031926
- 60 g 10033865
- 500 g 10031927

VIDEO









Cyanoacrylate Adhesives

VA 1401

Nonfood Compounds Program Listed **S4** Registration **162959**

Cyanoacrylate Adhesive for rubber and plastics | medium viscosity | fast curing | NSF approval

WEICON Contact VA 1401 has medium viscosity (100-150 mPa•s) and cures quickly. It shows good results on fabric, paper, cardboard, cartons, foam rubber and largepored elastomers. VA 1401 is a universal type for the bonding of metals, plastics and rubber, both to themselves and among each other.

- 12 g **10018869**
- 30 g **10016402**
- 60 g **10019787**
- 500 g **10001557**

VA 300

Cyanoacrylate Adhesive for rubber and plastics | higher viscosity | longer curing

WEICON Contact VA 300 has a higher viscosity (200-300 mPa•s) and a longer curing time. It is particularly suited for absorbent and porous products such as wood, cork, leather and ceramics.

VA 300 is also suited for the bonding of metals, plastics and rubber, both to themselves and among each other.

- 12 g **10018819**
- 30 g **10016510**
- 60 g **10019789**
- 500 g **10000231**

VA 1500

Cyanoacrylate Adhesive for rubber and plastics | high viscosity | slow curing

WEICON Contact VA 1500 is highly viscous (1000-1500 mPa•s) and has a slower curing time. The product is suited for the bonding of rubber and plastics and can also be used on absorbent and porous materials such as wood, cork, leather and ceramics.

- 12 g **10018820**
- 30 g **10016434**
- 60 g **10019791**
- 500 g **10000237**



20 g tube

Contact GEL

Cyanoacrylate Adhesive for special requirements | pasty (highly thixotropic) | very slow-curing = position correction

Contact Gel is pasty (highly thixotropic; 60000-90000 mPa•s) and cures very slowly. By using WEICON Activator Spray, the curing time can be reduced.

WEICON Contact Gel is suited for porous surfaces and higher tolerance gaps and can be used on vertical surfaces. Positioning is also possible after the parts have been joined.

WEICON Contact Gel is suited for the bonding of the most diverse products.

WEICON Contact Gel can be used both in the hobby sector and in model building. It can also be used in many different industrial applications.

- 20 g **10002033**
- 30 g **10018589**







VA 2500 HT

Cyanoacrylate Adhesive for special requirements | high-temperature-resistant | high viscosity | slow curing | residual elasticity after curing | high peel and impact resistance

WEICON Contact VA 2500 HT is highly viscous (2000-3000 mPa•s) and temperature-resistant between -50°C (-58°F) and +140°C (+284°F). It hardens slowly with residual elasticity and has high peel and impact strength.

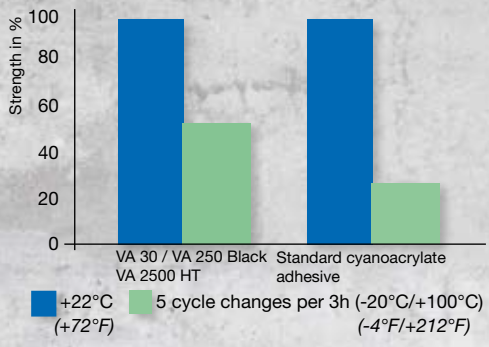
Thanks to its curing with residual elasticity, WEICON Contact VA 2500 HT is particularly suitable under changing climatic conditions. It is insensitive even under a longer influence of humidity. VA 2500 HT is suited for the bonding of the most diverse rubber materials and plastics and also for metal/plastic joints.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018871	10016398	10019803	10012291

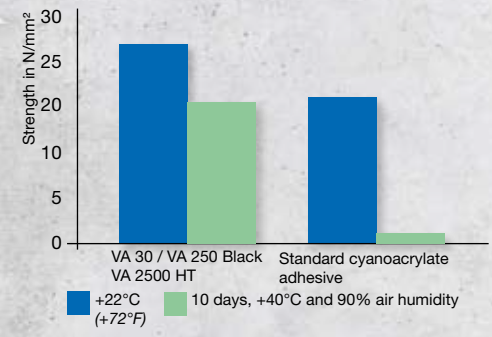
Cyanoacrylate Adhesives



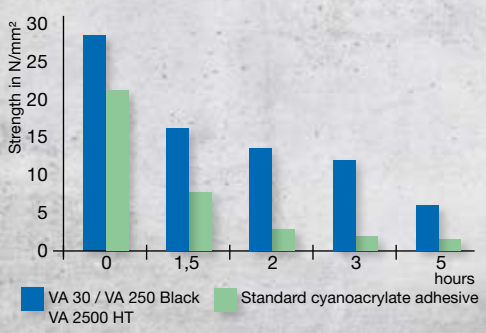
Temperature change load



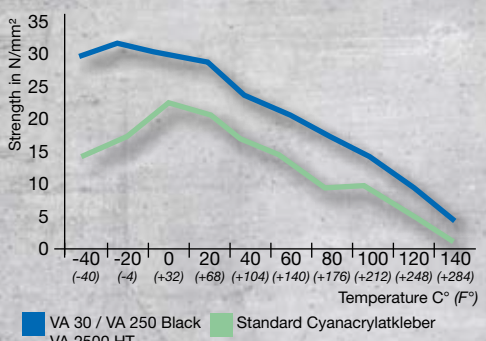
Humid climate resistance



Short-term ageing at +140°C (+284°F)



Strength dependent on temperature



VA 30 Black



Cyanoacrylate Adhesive for special requirements | rubber-filled | high-temperature-resistant | medium viscosity | longer curing | residual elasticity after curing | high peel and impact resistance

WEICON Contact VA 30 Black has medium viscosity (300 mPa•s) and is temperature-resistant between -50°C (-58°F) and +140°C (+284°F). It has a longer curing time, is rubber-filled and black, hardens with residual elasticity and has high peel and impact strength. Thanks to its curing with residual elasticity, WEICON Contact VA 30 Black is particularly suitable under changing climatic conditions.

It is insensitive even under a longer influence of humidity. VA 30 Black is ideally suited for the bonding of diverse rubber materials such as solid rubber or cellular rubber, plastics and metal/plastic joints.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10025827	10025824	10025829	10025987

VA 250 Black

Cyanoacrylate Adhesive for special requirements | rubber-filled | high-temperature-resistant | high viscosity | slow curing | residual elasticity after curing | high peel and impact resistance

VA 250 Black is highly viscous (2000-3000 mPa•s) and temperature-resistant between -50°C (-58°F) and +140°C (+284°F). It hardens slowly and with residual elasticity, is rubber-filled and black, and has high peel and impact strength.

Thanks to its curing with residual elasticity, WEICON Contact VA 250 Black is particularly suitable under changing climatic conditions. It is insensitive even under a longer influence of humidity. It is best suited for the bonding of diverse rubber materials such as solid rubber or cellular rubber, plastics and metal/plastic joints.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018873	10016400	10019805	10012306

VIDEO







VA 1408

Cyanoacrylate Adhesive for special requirements | low viscosity | very fast curing | low odour and "blooming"



WEICON Contact VA 1408 has a low viscosity (20-40 mPa•s) and a reduced "blooming" effect. It cures quickly, is low in odour when processing and less susceptible to moisture effects after curing.

The product is suited for the clean and visually attractive bonding of the most diverse products. WEICON Contact VA 1408 can be used in numerous industrial applications.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018875	10016404	10019800	10015985

VA 1460

Cyanoacrylate Adhesive for special requirements | medium viscosity | longer curing | low odour and "blooming"



VA 1460 has a medium viscosity (120-200 mPa•s) and a reduced "blooming" effect. It cures less quickly, is low in odour when processing and less susceptible to moisture effects after curing.

WEICON Contact VA 1460 is suited for the bonding of the most diverse products. The product can be used in numerous industrial applications.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018877	10016514	10019796	10000247

VA 1403

Cyanoacrylate Adhesive for special requirements | high viscosity | slow-curing | low odour and "blooming"

WEICON Contact VA 1403 is highly viscous (1100-1800 mPa•s), low in odour when processing and has a reduced "blooming" effect. It cures slowly and is less susceptible to moisture effects after curing.

VA 1403 is suited for the clean and visually attractive bonding of various products.

▸ 12 g	▸ 30 g	▸ 60 g	▸ 500 g
10018879	10016512	10019798	10015993







Cyanoacrylate Adhesives



VM 20

Cyanoacrylate Adhesive for metals | low viscosity | very fast curing

WEICON Contact VM 20 has a low viscosity (20-40 mPa•s) and cures very quickly. It is suited for all types of metal bonds, especially for the bonding of precisely fitted parts in serial production.

VM 20 can be used in the metalworking industry, in machine construction, in housing and apparatus engineering and in many other applications.



▸ 30 g	▸ 60 g	▸ 500 g
10019853	10019857	10000254

VM 120

Cyanoacrylate Adhesive for metals | medium viscosity | slower curing, a short-term re-alignment of parts is possible

WEICON Contact VM 120 is suited for all types of metal bonds.

WEICON Contact VM 120 can be used in the metalworking industry, in machine construction, in housing and apparatus engineering and in many other applications.



▸ 30 g	▸ 60 g	▸ 500 g
10019859	10019863	10000262



VM 2000

Cyanoacrylate Adhesive for metals | high viscosity | slow curing, allows realignment of parts

WEICON Contact VM 2000 is highly viscous (1700-2000 mPa•s) and cures slowly, which enables realignment of the bonded parts.

VM 2000 is suited for all types of metal bonds and can also be used on absorbent and porous products.



▸ 30 g	▸ 60 g	▸ 500 g
10019865	10019867	10000270



INNOVATION
HYBRID-TECHNOLOGY

VA 2407

Universal use | strong | fast-curing

High-strength, fast-curing and process-safe 2-component structural adhesive based on cyanoacrylate. Suitable for fast and transparent bonding of e.g. plastic and rubber. Very good adhesion to a wide variety of materials. Pot life: approx. 5 minutes.

▸ 10 g
10063086

Mixing nozzle for VA 2407

▸ 10 g
10063091





O-Ring Bonding Set

Using the WEICON O-Ring Bonding Set, sealing rings out of all common materials can be produced in no time.

WEICON O-Ring Bonding Set consists of:

10025827 | Contact VA 30 Black | 12 g
10024317 | Surface Cleaner | 150 ml
10000275 | Contact Primer | 10 ml
10045522 | Safety Knife
1 m round cord (NBR) each: Ø 2, 3, 4, 6 and 8 mm

10034766

VIDEO

O-Ring Bonding Set and Accessories for CA



- 10 ml
  10000275
- 100 ml
  10000278
- 1 L
  10000279



- 150 ml
  10000282
  CA-Activator Spray
- 150 ml
  10033805
  CA-Activator Spray AC (based on acetone)
- 150 ml
  10067893
  CA-Activator Spray PS

CA-Activator Spray PS

The CA-Activator Spray PS accelerates the curing of WEICON Contact Cyanoacrylate Adhesives. It can be applied both before and after the bonding process. The activator enables a quick fixation; however, it can also be used to allow excess adhesive to cure.

When applied to absorbent and porous surfaces, such as wood, foam etc., and all chemically treated surfaces, such as electrogalvanised metal etc., the activator's effectiveness lasts approx. one minute. On non-absorbent surfaces, the activator's effectiveness lasts up to approx. 12 hours.

The pump spray head ensures that the surfaces to be bonded are wetted evenly and precisely with the activator. Use is recommendable with highly viscous WEICON Contact types, large layer thicknesses, absorbent and porous surfaces, passive materials (alkaline surfaces, e.g. galvanised metal parts) and in unfavourable environmental conditions (low temperatures, too low humidity < 30 %).

Contact Primer for Polyolefines

Without pre-treatment, many plastics are unable to bond or bond only under certain conditions. When these plastics are pre-treated with WEICON Contact Primer, their surface structure changes. Thereby the joining of plastics, like polyethylene (PE) and polypropylene (PP) belonging to the polyolefine group, which are usually difficult to bond, is made possible. Even modern thermoplastic elastomers (TPE), PTFE and related plastics as well as silicones, can be bonded when pre-treated with WEICON Contact Primer.

CA-Activator

The activator speeds up the curing process of WEICON Cyanoacrylate Adhesives. When applied to absorbent surfaces, like wood or foam etc., and all chemically-treated surfaces, such as zinc-galvanized metals etc., the activator's effectiveness lasts approx. one minute. With non-absorbent surfaces, the activator's effectiveness lasts up to approx. 12 hours.

Due to its special formula and the resulting NSF registration, CA-Activator Spray and CA-Activator Spray AC can contribute towards improvements in occupational safety and health protection.

CA-Remover

Breaks down and removes all types of cyanoacrylate adhesives. Suitable for cleaning metal parts, tools and many different surfaces that have come into contact with cyanoacrylate adhesives.

- 30 ml
  10051358



Use is recommendable with:
- highly viscous WEICON Contact types
- large thickness of the adhesive layer
- absorbent and porous surfaces
- passive materials (alkaline surfaces, like for example zinc coated metal parts).
- disadvantageous environmental conditions (low temperatures, too low air humidity < 30%)

Dosing Tips

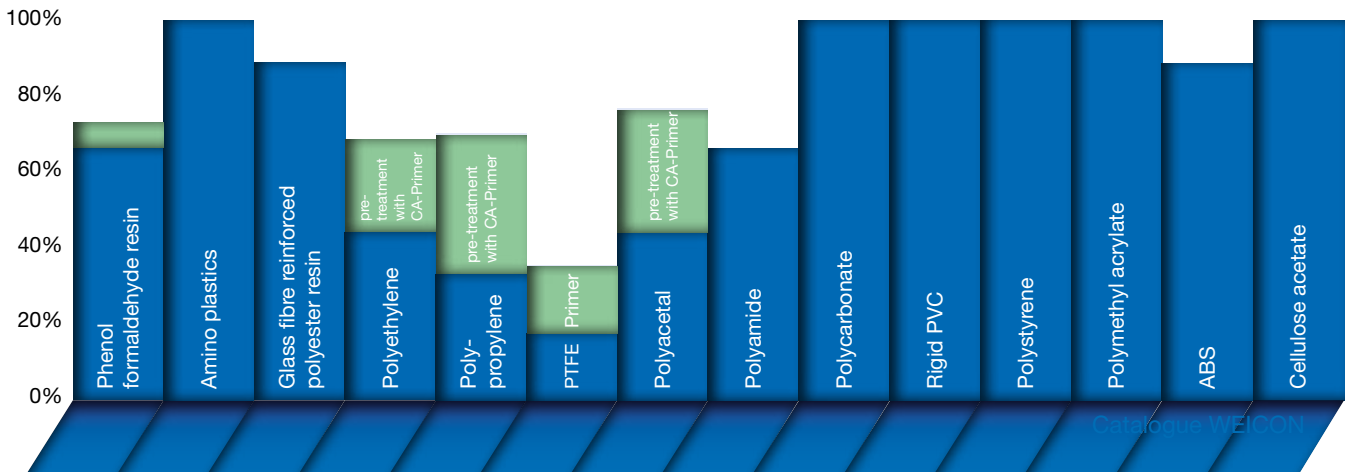
For exact, economic and point-to-point applications of WEICON Contact adhesives.

10068262
Dosing tip size 0 type S

10068261
Dosing tip size 0,5 type A



Combined tension and shear resistance (DIN EN 1465) / ASTM D 1002:





Technical Data

WEICON Contact in liquid state

	VA 20	VA 8312	VA 8406	VA 100	VA 110 (NSF Certified to NSF/ANSI 61)	VA 1401 (NSF)	VA 300	VA 1500	GEL	VA 2500 HT	VA 30 Black	VA 250 Black	VA 1408	VA 1460	VA 1403	VM 20	VM 120	VM 2000	VA 2407
LFGB	✓	✓	✓	✓															
Ester type	ethyl												alkoxy			methyl			ethyl-acrylate
Condition / nature	colourless, clear liquid, VA 2500 HT opaque, VA 30 Black and VA 250 Black																		
Properties	particularly suitable for rubber and plastic bonding								pasty	particularly suitable for rubber and plastic bonding			low odour, low blooming			particularly suitable for bonding metals			2C-cyanoacrylate, gap bridging
Viscosity at 25°C cone / plate in mPa·s	< 20	20-40	20-50	60-120	70-110	100-150	200-300	1,000-1,500	60,000-90,000	2,000-3,000	250-300	2,000-3,000	20-40	120-200	1,100-1,800	20-40	100-130	1,700-2,000	1,000
Max. gap covering in mm **	0.10	0.10	0.10	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.20	0.10	0.15	0.20	0.10	0.15	0.20	5.0
Specific gravity at +20°C (+68°F) g/cm³	1.04	1.05	1.05	1.06	1.06	1.06	1.07	1.08	1.08	1.06	1.06	1.06	1.06	1.02	1.10	1.10	1.10	1.12	1.10
Flash point	+87 °C *(+189 °F)*																		
Initial adhesion*	very fast			fast		very fast	fast		very fast	medium			slow			fast			medium
Initial adhesion* in seconds (0,1 N/mm²) Aluminium[1]	approx. 2	approx. 8	approx. 3	approx. 4	approx. 2	approx. 3	approx. 4	approx. 14	approx. 4	approx. 8	approx. 7	approx. 40	approx. 82	approx. 300	approx. 270	approx. 1	approx. 2	approx. 6	approx. 4
Initial adhesion* in seconds (0,1 N/mm²) ABS [2]	approx. 7	approx. 15	approx. 4	approx. 10	approx. 22	approx. 9	approx. 24	approx. 32	approx. 10	approx. 21	approx. 12	approx. 28	approx. 34	approx. 45	approx. 60	approx. 22	approx. 28	approx. 25	approx. 84
Initial adhesion* in seconds (0,1 N/mm²) Rigid PVC [3]	approx. 10	approx. 8	approx. 5	approx. 18	approx. 26	approx. 7	approx. 40	approx. 26	approx. 8	approx. 104	approx. 84	approx. 110	approx. 61	approx. 240	approx. 300	approx. 145	approx. 160	approx. 46	approx. 55
Final strength in hours	24																		



1-Component Adhesives and Sealants

Cyanoacrylate Adhesives

Technical Data

WEICON Contact in cured state

		VA 20	VA 8312	VA 8406	VA 100	VA 110 (NSF Certified to NSF/ANSI 61)	VA 1401 (NSF Hardboard Components Program Listed 54 Registration 162669)	VA 300	VA 1500	GEL	VA 2500 HT	VA 30 Black	VA 250 Black	VA 1408	VA 1460	VA 1403	VM 20	VM 120	VM 2000	VA 2407
Shear strength in MPa (psi) according to DIN EN 1465	Sand-blasted steel	9-19 *(1,300-2,760)*	10-20 *(1,450-2,900)*	12-22 *(1,740-3,190)*	10-20 *(1,450-2,900)*	16-20 *(2,320-2,900)*	13-22 *(1,890-3,190)*	14-21 *(2,030-3,050)*	14-21 *(2,030-3,050)*	11-21 *(1,600-3,050)*	15-24 *(2,180-3,480)*	11-22 *(1,600-3,190)*	10-24 *(1,450-3,480)*	14-18 *(2,030-2,600)*	13-18 *(1,890-2,600)*	15-18 *(2,180-2,600)*	9-25 *(1,300-3,630)*	10-25 *(1,450-3,630)*	11-25 *(1,600-3,630)*	16 - 21
	Sand-blasted aluminium	5-14 *(725-2,030)*	7-14 *(1,015-2,030)*	8-16 *(1,160-2,320)*	7-15 *(1,015-2,180)*	8-15 *(1,160-2,180)*	8-16 *(1,160-2,320)*	9-15 *(1,300-2,180)*	7-15 *(1,015-2,180)*	5-15 *(725-2,180)*	8-18 *(1,160-2,600)*	7-18 *(1,015-2,600)*	8-18 *(1,160-2,600)*	8-12 *(1,160-1,740)*	8-12 *(1,160-1,740)*	9-12 *(1,300-1,740)*	6-19 *(870-2,760)*	7-19 *(1,015-2,760)*	7-19 *(1,015-2,760)*	10 - 15
	Rigid PVC	8-12 *(1,160-1,740)*	8-13 *(1,160-1,890)*	8-14 *(1,160-2,030)*	8-13 *(1,160-1,890)*	8-13 *(1,160-1,890)*	8-14 *(1,160-2,030)*	8-13 *(1,160-1,890)*	8-13 *(1,160-1,890)*	8-13 *(1,160-1,890)*	9-13 *(1,300-1,890)*	7-14 *(1,015-2,030)*	7-13 *(1,015-1,890)*	5-7 *(725-1,015)*	5-7 *(725-1,015)*	5-7 *(725-1,015)*	12 *(1,740)*	12 *(1,740)*	12 *(1,740)*	10 - 14
	ABS	6-11 *(870-1,600)*	6-12 *(870-1,740)*	6-13 *(870-1,890)*	6-12 *(870-1,740)*	6-12 *(870-1,740)*	6-13 *(870-1,890)*	6-12 *(870-1,740)*	6-12 *(870-1,740*	6-12 *(870-1,740)*	6-12 *(870-1,740)*	6-11 *(870-1,600)*	6-12 *(870-1,740)*	6-10 *(870-1,450)*	6-10 *(870-1,450)*	6-10 *(870-1,450)*	6-11 *(870-1,600)*	6-11 *(870-1,600)*	6-11 *(870-1,600)*	13 - 15
	PC	6-12 *(870-1,740)*	6-13 *(870-1,890)*	6-13 *(870-1,890)*	6-13 *(870-1,890)*	6-13 *(870-1,890)*	6-13 *(870-1,890)*	6-12 *(870-1,740)*	6-12 *(870-1,740*	6-12 *(870-1,740)*	9-13 *(1,300-1,890)*	7-13 *(1,015-1,890)*	7-13 *(1,015-1,890)*	5-8 *(725-1,160)*	5-8 *(725-1,160)*	5-8 *(725-1,160)*	5-12 *(725-1,740)*	5-12 *(725-1,740)*	5-12 *(725-1,740)*	12 - 17
	NBR	> 8 (1,150) (bonding exceeds strength of substrate)																		
Temperature resistance		-50 to +80 °C *(-58 to +176 °F)* (briefly up to +100 °C/*+212 °F*)					-50 to +120°C (-58 to +302°F) (briefly to 150°C/302°F)	-50 to +80 °C *(-58 to +176 °F)* (briefly up to +100 °C/*+212 °F*)			-55 to +140 °C *(-67 to +284 °F)*		-50 to +80 °C *(-58 to +176 °F)* (briefly up to +100 °C/*+212 °F*)						-20 °C to +120 °C *(-4 to + 248 °F)*	
Squatting temperature		+150 °C *(302 °F)*																		
Refractive index n^{D20}		approx. 1,49 (similar to glass) / for types VA 30 Black and VA 250 Black not applicable																		
Linear thermal expansion coefficient		approx. 80 · 10^{-6} m/(m·K)																		
Specific forward resistance, DIN IEC93		> 10^{15} Ω·cm																		
Dielectric strength		25 KV/mm																		
Thermal conductivity DIN EN ISO 22007-4		approx. 0.1 W/(m·K)																		
Solubility		Dimethyl formamide, dimethyl sulfoxide, acetonitrile, alkali. Swelling is possible after long-time storage in ethyl acetate, acetone and methylene chloride.																		

* Achieved in normal climate DIN 50014 +23°C (+73°F) and 50% relative air humidity. Within the given time period, handling strength can be reached.
**These details are dependent on the type of material to be bonded and its properties

1) Sand-blasted aluminium
2) ABS
3) Rigid PVC, not pre-treated

MS-Polymers

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Elastic Adhesives and Sealants

Elastic Adhesives / Sealants

Today, elastic adhesives and sealants are used in many areas of industrial production and assembly. They combine the advantages of adhesive bonding and sealing technology and are used wherever the elasticity and the sealing of a joint are the most important requirements.

Surface pre-treatment

Most materials can be bonded well to themselves and among each other. For certain materials or extreme requirements, we recommend the use of an adhesion agent (primer).

A mechanical surface pre-treatment, e.g. sanding or sandblasting, can considerably improve the adhesion.

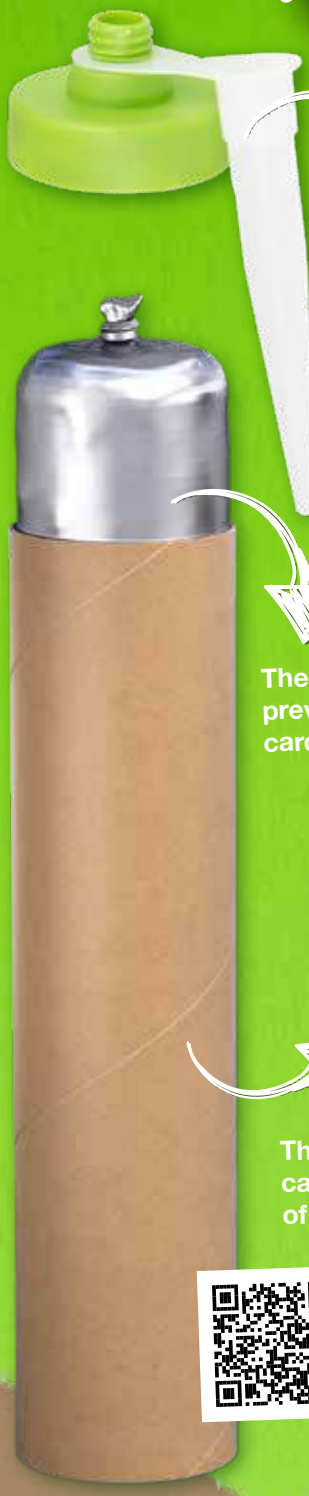
Green Tube®

Compared to conventional plastic cartridges
80% LESS PLASTIC

THE NEW
MORE SUSTAINABLE
PACKAGING

as an alternative to plastic cartridges. 100% recyclable cardboard cartridge.

Product		Art.-No. Green Tube		
		280 ml	Foil bag	Set
MS-Polymers				
Flex 310 M® Classic	white	10104011	10104240	10104049
	grey	10104007	10104242	10104053
	black	10103997	10104244	10104051
Flex 310 M® Crystal		10104017	10104246	10104055
Windscreen Adhesive		10105032	10105030	10105035
Solar-Flex	white	10105046	10105044	10105049
	grey	10105039	10105037	10105042
Natural Stone Adhesive	white	10105025	10105023	10105028
	grey	10105018	10105016	10105021
Flex 310 M® HT-200		10104850	10104847	10104846
Flex 310 M® Stainless-Steel		10104893	10104890	10104896
Speed-Flex®	white	10104943	10104940	10104946
	grey	10104953	10104950	10104956
	black	10104963	10104960	10104966
Speed-Flex® Crystal		10104973	10104970	10104976
Flex 310 M® F1X	white	10105646	10105649	10105652
	grey	10102385	10104253	10104458
Polyurethanes				
Flex 310 PU	white	10104873	10104870	10104876
	grey	10104863	10104860	10104866
	black	10104883	10104880	10104886
Silicones				
Silicone A	white	10104913	10104910	10104916
	grey	10104903	10104900	10104906
	black	10104933	10104930	10104936
	transparent	10104924	10104921	10104927
Silicone LP	white	10104982	10104979	10104985
	transparent	10104992	10104989	10104995
Silicone N		10105011	10105008	10105014
HT 300		10104027	10104250	10104059
Black-Seal		10104022	10104248	10104057
Gasketmaker	red	10105055	10105052	10105058
	black	10105064	10105061	10105067
Assembly Adhesive				
Assembly Adhesive		10101911	10104259	10104456



The tip and the lid are made from 100% recycled plastic.

The tube-shaped bag prevents soiling of the cardboard cartridge

The cartridge casing is made of 100 % paper

Work with the **future now.**

80 % LESS PLASTIC

compared to conventional plastic cartridges

Sustainable packaging as an alternative to plastic cartridges

With the Green Tube, we wanted to develop a real alternative to conventional sealant and adhesive cartridges, as these cannot be recycled after use due to product residues. Because of these residues, plastic cartridges are usually incinerated – and this additionally generates large amounts of climate-damaging CO_2.

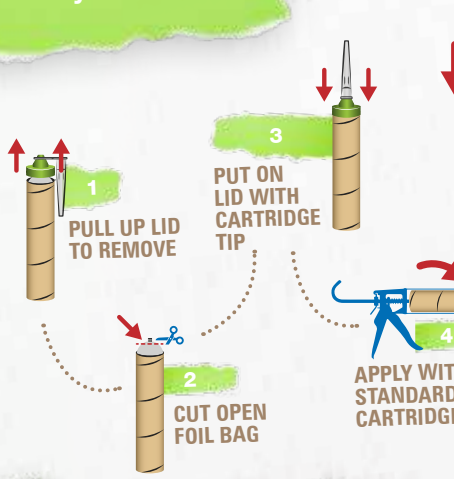
The focus of our innovation: avoiding plastic waste by significantly reducing the proportion of plastic by 80 %. The cartridge casing is made of 100 % cardboard, which can be recycled after use.

The proportion of components that cannot be recycled has been reduced to a minimum. And that's not all: our cardboard cartridge produces 53 % less CO_2 emissions in the manufacturing process than a standard PE cartridge.

Many advantages

The new WEICON Green Tube can be used with any standard cartridge gun and offers many advantages. Thanks to the tube-shaped bag, the shelf life of the product is extended by more than six months compared to PE cartridges – and this is achieved without any compromises in product quality or user-friendliness.

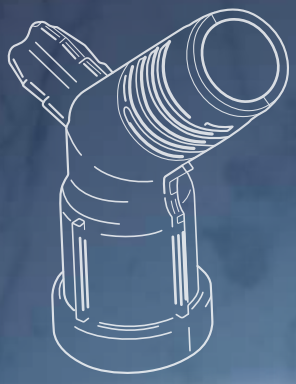
Easy to use



Simple disposal



* If the hardened product residue has been removed, the lid and tip can be disposed of as plastic waste for recycling. If the product residue has not been removed, the lid and tip must be disposed of as residual waste.



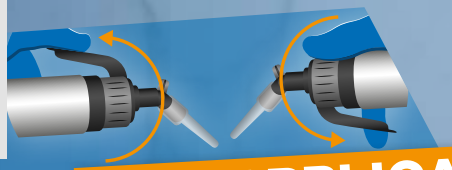
INNOVATION



ERGO CONNECTOR
WEICON
Design Pat. 402021100440-0002



ERGONOMIC
handling



180° APPLICATION
thanks to two-way thread



IDEAL ANGLE
for perfect applications



SAFE AND FLEXIBLE
cap can be locked
compatible with WEICON dosing tip and brush top

Ergo Connect for Presspack

Ergonomic dosing tip for WEICON Presspack products.

The optimised angle geometry ensures fatigue-free working even over longer periods of time. The two-way thread enables an application radius of 180°. Compatible with WEICON dosing tips and brush top.

Presspack Ergo Connect 10-Pack

10060345



Dosing tips 10-pack

10045037



MS-Polymers

Flex 310 M® Classic

Suitable for universal use | ISEGA-certified



WEICON Flex 310 M Classic Adhesive and Sealant is strong, paintable (wet-on-wet), sandable, has outstanding ageing stability and good resistance to UV rays. It is resistant to freshwater and salt water and is free of silicone, isocyanate, halogens or solvents.

The product has an ISEGA certificate and can be used as an adhesive in food technology. Flex 310 M Classic is an elastic adhesive on MS polymer basis and is suitable for the bonding of metals, many plastics, ceramic, wood, glass and stone. WEICON Flex 310 M Classic can be used in metal construction, tank and apparatus engineering, carriage, vehicle and container construction, ventilation and air conditioning systems, in the electrical industry, yacht and boat construction and in all applications where silicones or products containing silicones are not suitable.

	▸ 280 ml	▸ Set	▸ Foil bag	▸ 200 ml Presspack
white	10104011	10104049	10104240	10057238
grey	10104007	10104053	10104242	10057240
black	10103997	10104051	10104244	10057245

Flex 310 M® Crystal

Crystal-clear curing | ISEGA-certified



WEICON Flex 310 M Crystal adhesive and sealant is transparent, strong, paintable (wet in wet), sandable, has outstanding ageing stability and good resistance to UV rays. It contains no silicone, isocyanate, halogens or solvents.

WEICON Flex 310 M Crystal has an ISEGA certificate and can be used as an adhesive in food technology.

WEICON Flex 310 M Crystal is an elastic adhesive on MS polymer basis and is suitable for the bonding of glass, PC*, PMMA* and acrylic glass*, metals, many plastics, ceramics, wood and stone. The product is crystal clear after curing and is particularly suited for elastic joints where the adhesive should or must not be visible.

Flex 310 M Crystal can be used in plastic processing, metal construction, tank and apparatus engineering, in ventilation and air conditioning systems, the electrical and lighting industry, in exhibition stand construction and shopfitting and in all applications where silicones or products containing silicones are not suitable.

VIDEO

* = Only tension-free bonding

▸ 280 ml	▸ Set	▸ Foil bag	▸ 200 ml Presspack
10104017	10104055	10104246	10057247

Green Tube®

Compared to conventional plastic cartridges
80% LESS PLASTIC



Our bestsellers
Now available in the new packaging!



Flex 310 M® F1X

Strong adhesion | universally applicable | isocyanate-free

WEICON Flex 310 M F1X is an elastic adhesive and sealant based on MS polymer. The grey adhesive is very strong and universally suitable for permanently fixing almost all materials to a variety of surfaces. Thanks to the very high initial adhesion, bonding is possible on vertical surfaces and even overhead, both indoors and outdoors. For example, Flex 310 M F1X can be used to bond metals, many plastics, ceramics, wood, glass and stone to each other.

The permanently elastic adhesive can be painted over "wet on wet", is sandable, weather-resistant, moisture-resistant, ageing-resistant, mould-resistant and UV-resistant. It is briefly (*up to 30 minutes) resistant to temperatures up to 180°C and can be powder-coated after a curing time of four days.

The adhesive and sealant is free of silicone, isocyanates, halogens and solvents and is non-corrosive. Flex 310 M F1X can be used for fixing skirting boards, acoustic panels, strips, frames, panels, boards, tiles, stones and EPDM foil. It can be used in drywall and interior construction, metal construction, tank and apparatus construction, container construction, ventilation and air conditioning technology, trade fair and shop construction, yacht and boat building and wherever silicones or products containing silicone are not suitable.

	▸ 280 ml	▸ Set	▸ Foil bag
white	10105646	10105652	10105649
grey	10102385	10104458	10104253

Erhöhte Lagerstabilität +18 Monate months Longer shelf life

Hochtemperaturbeständig* +180 °C high-temperature-resistant

Flex 310 M® Stainless-Steel

For stainless steel, aluminium and non-ferrous metals | ISEGA-certified

WEICON Flex 310 M Stainless-Steel Adhesive and Sealant is non-corrosive, strong, paintable (wet-on-wet), sandable, resistant to ageing and UV rays and is free of silicone, isocyanate, halogens or solvents. WEICON Flex 310 M Stainless-Steel is an elastic adhesive on MS polymer basis and is suitable for bonding and sealing of seams and joints on metals such as stainless steel, aluminium and non-ferrous metals. Flex 310 M Stainless-Steel can also be used in all application fields where the colour of the adhesive and sealant must match the surface material (e. g. stainless steel, aluminium, etc.).

WEICON Flex 310 M Stainless-Steel can be used in metal construction, tank and apparatus engineering, food industry, in kitchen and sanitary installations, ventilation and air conditioning systems, and in all applications where silicones or products containing silicones are not suitable.



▸ 280 ml 10104893 ▸ Set 10104896

▸ Foil bag 10104890

Flex 310 M® HT 200

High-temperature-resistant

The high temperature resistance makes it possible to bond and seal components needing to be subsequently thermal-coated (powdercoated).

WEICON Flex 310 M HT 200 can be used in metal construction, tank and apparatus engineering, in ventilation and air conditioning systems, carriage, container, wagon and vehicle construction.

Flex 310 M HT 200 has been tested in accordance with DIN EN 45545-2 R1, R7, R17 HL3 and fulfils the requirements for rail vehicles. WEICON Flex 310 M HT 200 adhesive and sealant is highly temperature-resistant, has outstanding ageing resistance, and is free of silicone, isocyanate, halogens or solvents.



The ideal adhesive for POWDER-COATING

Meets the standard DIN EN 45545-2 R1/R7/R17 HL3

▸ 280 ml 10104850 ▸ Set 10104846 ▸ Foil bag 10104847


Glued and (subsequently) powdercoated plant tubs. Flex 310M® HT 200


Left side: uncoated. Right side: powder-coated material. Flex 310M® HT 200

MS-Polymers

Flex 310 M® Liquid black



Liquid | self-levelling | ISEGA-certified

Flex 310 M Liquid black is a self-levelling, 1-component casting and coating mass based on polyoxypropylene. The product is permanently elastic and paintable after curing. The flexible adhesive and sealant cures odourless, is resistant to weather and UV rays, has an excellent resistance to ageing and is free of silicone.

Flex 310 M Liquid black can be used in diverse applications for the bonding and sealing of many different materials such as metals, many plastics, ceramics, wood, glass or stone and for insulation and impregnation.

The flexible adhesive and sealant can also be used in other industrial areas, such as in tank and apparatus construction, in car bodywork, container and vehicle construction, in pipeline and fittings construction, in the energy and electrical industries, in sound insulation and insulation technology and in plastics technology.

▸ 310 ml
10057733
black

Flex 310 M® 2 K

Fast-curing

The WEICON Flex 310 M 2 K Adhesive and Sealant is very strong, non-corrosive, paintable (wet in wet), sandable, weather-resistant, resistant to UV rays and is free of silicone, isocyanate, or solvents.

Flex 310 M 2 K is a strong 2-component system on a hybrid polymer basis which enables fullsurface bonding of larger parts and which can be used to fill gaps of up to ten millimetres. It is suitable for the bonding of almost all materials such as metal and many plastics.

WEICON Flex 310 M 2 K can be used in metal construction, tank and apparatus engineering, machine and system construction, in the furniture industry, in ventilation and air conditioning systems, in the electrical industry, yacht and boat construction and in all applications where silicones or products containing silicones are not suitable.

▸ 250 ml
10027733
grey

▸ 400 ml
10062232
grey



Special Mixing Nozzle

10027692



Speed-Flex®

Replaces traditional fixings | ISEGA-certified

WEICON Speed-Flex is very strong, pasty, stable, paintable (wet-on-wet), resistant to ageing, weathering, and UV rays and is free of silicone, isocyanate and halogen. WEICON Speed-Flex has an ISEGA certificate and can be used as an adhesive in foodstuff technology.

WEICON Speed-Flex is an adhesive on MS polymer basis with extremely strong initial strength and is suitable for the bonding of metals, many plastics, ceramics, wood, glass and stone.

Speed-Flex replaces traditional fixings such as screws, pegs, rivets, etc. The very high initial strength makes bonding possible even on vertical surfaces in indoor and outdoor areas. WEICON Speed-Flex can be used for drywall and interior work, metal construction, tank and apparatus engineering, in ventilation and air conditioning systems, in exhibition stand construction and shopfitting and in all applications where silicones or products containing silicones are not suitable.



	▸ 280 ml	▸ Set	▸ Foil bag
white	10104943	10104946	10104940
grey	10104953	10104956	10104950
black	10104963	10104966	10104960



Speed-Flex® Crystal

Crystal-clear adhesion | ISEGA-certified

Speed-Flex Crystal is a quick-acting, strong and general-purpose power adhesive on MS polymer basis.

Due to its crystal-clear curing properties, Speed-Flex Crystal is particularly suitable in areas which should remain visually appealing, where no adhesive seam should be visible. Thus e.g. transparent plastics, acrylic glass or other materials can be connected quickly, cleanly and reliably.

▸ 280 ml	▸ Set	▸ Foil bag
10104973	10104976	10104970



Windscreen Adhesive

Elastic 1-C adhesive and sealant for mounting glass and window panes | ISEGA-certified

WEICON Windscreen Adhesive is an elastic 1-C adhesive and sealant based on MS-Polymer, which is specially designed to mount glass and window panes. For example, the adhesive bonds windscreens, rear windows and side windows in powered industrial trucks, agricultural machines, and construction machines. It is also suitable for furniture manufacture or for installations in gardening and landscaping.

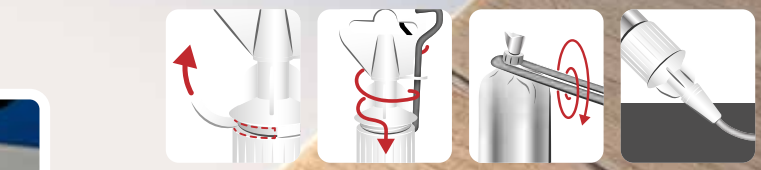
Windscreen Adhesive provides high adhesive strength on many materials and cures with air humidity. The adhesive shows excellent ageing resistance and good UV stability. It is joint-filling, odourless, and free of silicones, isocyanates, halogens, and solvents.

▸ 280 ml	▸ Set	▸ Foil bag	▸ 200 ml Presspack
10105032	10105035	10105030	10058069

Elastic Adhesives and Sealants

MS-Polymers





Now in a mini tube-shaped bag



Flex+bond®

Highly elastic | strong | ISEGA-certified

WEICON Flex+bond is strong, permanently elastic, temperatureresistant from -40°C to +90°C (-40°F to +194°F), weather-resistant, resistant to UV rays, paintable (wet-on-wet), sandable, and resistant to ageing and salt water. It is free of silicone, isocyanate, halogens and solvents.

WEICON Flex+bond has an ISEGA certificate and can be used as an adhesive in foodstuff technology. WEICON Flex+bond can be used to bond nearly all materials, such as metal, wood, plastic, glass, and ceramics.

▸ 85 ml	▸ 85 ml	▸ 85 ml	▸ 85 ml
10012994	10012995	10014356	10018364
white	grey	black	transparent

Display
12 x Flex+bond



10101788



Application sample Flex+bond

for indoor &
outdoor use

Natural Stone Adhesive NEW

Fast | strong adhesion | for indoor & outdoor use

WEICON Natural Stone Adhesive is a strong adhesive for fixing natural stone, stone and ceramics. Thanks to its very high initial adhesion and rapid build-up of adhesive strength, bonding is even possible on vertical surfaces such as walls. The stone adhesive is suitable for many indoor and outdoor applications. It is frost-proof, has a high temperature resistance of -40°C to +90°C as well as high weather and UV resistance. The Natural Stone Adhesive hardens quickly and has a very high final strength. After curing, the adhesive can be sanded and remains elastic to compensate for movements. The stone adhesive is silicone-free, isocyanate-free, halogen-free and solvent-free.

It can be used in a wide variety of applications, e.g. for bonding window sills, tiles, skirting boards, decorative mouldings or stair treads. WEICON Natural Stone Adhesive adheres very well to a wide variety of materials, such as wood, wood-based materials, plastics, metals, glass and mineral substrates. It is available in grey and white.

	▸ 280 ml	▸ Set	▸ Foil bag
white	10105025	10105028	10105023
grey	10105018	10105021	10105016









Green Tube®

Compared to conventional plastic cartridges
80% LESS PLASTIC

Erhöhte Lagerstabilität
+18 Monate months
Longer shelf life

MS-Polymers

Solar-Flex®

Developed for solar industry

WEICON Solar-Flex® is strong, non-corrosive, paintable (wet-on-wet), weather-resistant and resistant to UV rays. It is free of silicone, isocyanate, halogens and solvents. WEICON Solar-Flex® is an elastic adhesive on MS polymer basis specially developed for the solar industry.

Both the very high initial bonding strength and the fast development of adhesive strength enable bondings even on vertical surfaces. Replaces traditional fixings in the assembly of solar and photovoltaic power systems.



	▸ 280 ml	▸ Set	▸ Foil bag
white	10105046	10105049	10105044
grey	10105039	10105042	10105037



Aqua-Flex

Ideal for wet and moist surfaces | ISEGA-certified



WEICON Aqua-Flex Adhesive and Sealant is strong, has outstanding ageing stability, and is resistant to weathering, UV rays, freshwater and salt water. It is free of silicone, isocyanate, halogens or solvents. Aqua-Flex has an ISEGA certificate and can be used as an adhesive in foodstuff technology.

WEICON Aqua-Flex is an elastic adhesive and sealant on MS polymer basis for wet and damp substrates. It is suitable for the bonding of numerous materials such as metal, plastic, ceramics, wood, glass and stone.

Aqua-Flex can be used for pipeline and cable work, tank and apparatus engineering, in ventilation and air conditioning systems, gardening and landscaping, in sanitary installations and in all applications where silicones or products containing silicones are not suitable.

310 ml	310 ml	310 ml
10021673	10021678	10021677
white	grey	black



VIDEO





Recoating behavior of 1-Component Elastic Adhesives and Sealants (MS polymers and polyurethanes)

WEICON MS polymers and polyurethanes are basically free of substances which are harmful to the coating composition, such as silicone, and can thus be "recoated".

Various paints and varnishes are widely available, for example:.

- alkyd resin
- acrylate resin
- nitrocombil
- polymerisate resin paints
- polyurethane varnishes (DD varnishes)
- epoxy resin lacquer
- polyester lacquer

Except for the above-mentioned alkyd resins, all systems are generally suitable. However, in order to test the compatibility with our products, a suitability in preliminary tests must always be determined individually under the respective practical conditions. Due to the different compositions and the diversity of the substrates, this is essential.

It also must be taken into account that not only the immediate first paint layer or lacquer layer, but also all possible intermediate lacquers or top lacquers, have an effect on the bonding and / or sealing.

WEICON polyurethanes:

- Flex 310 PU
- Fast-Bond

Painting only after complete curing with suitable colour coating systems.

WEICON MS-polymers

- Flex 310 M® in the versions: Classic, Crystal, Stainless-steel, Liquid, Super-Tack, HT 200, 2 K
- Flex+bond®
- Solar-Flex®, Aqua-Flex®, Speed-Flex®

Recommendation:
Directly wet-on-wet, but at the latest within three hours after application of the material. During this period the best adhesion values are achieved. If the adhesive bead is fully cured, pre-treatment should be carried out with e.g. primers (as in the case of plastic coatings).

In general, it must be considered that the curing of the adhesives and sealants is not prevented by a color coating, but will be slowed down.



Elastic Adhesives and Sealants













Flex 310 PU

Adhesive and sealant based on PU | strong | permanently elastic | ISEGA-certified

WEICON Flex 310 PU Adhesive and Sealant is permanently elastic, strong, paintable, and resistant to weather, UV rays, freshwater and salt water. It is free of silicone.

Flex 310 PU is an elastic adhesive and sealant on Polyurethane basis (PUR) for the bonding and sealing of numerous materials such as metals, plastics, ceramics, wood, glass and stone.

Flex 310 PU can be used in tank and apparatus engineering, carriage, container and vehicle construction, in ventilation and air conditioning systems, the energy and electrical industry and in all applications where silicones or products containing silicones are not suitable.

	▸ 280 ml	▸ Set	▸ Foil bag
white	10104873	10104876	10104870
grey	10104863	10104866	10104860
black	10104883	10104886	10104880

Green Tube®



Compared to conventional plastic cartridges
80% LESS PLASTIC

Erhöhte Lagerstabilität
+18 Monate months
Longer shelf life



WEICON Cartridge Guns



Cartridge Gun „Special“

- Professional quality
- Recommended for medium and high viscosity adhesives
- Suitable for standard cartridges up to 310 ml

10020751

Compressed Air Cartridge Gun

- For low and medium viscosity materials (310 ml cartridges)
- 1.45 kN thrust at 6.8 bar operating pressure

10059792



Cartridge Gun „Standard“

- For low and medium viscosity adhesives
- Suitable for standard cartridges up to 310 ml

10000441





Dispenser 2C 10:1

- Recommended for the 2-component 540g cartridge

10057514

Polyurethanes

Fast-Bond

Fast-curing, 1-component structural and assembly adhesive for universal use on polyurethane basis (PUR)

Fast-Bond Structural and Assembly Adhesive is strong, paintable, sandable, and resistant to weathering, UV rays, freshwater and salt water. It is free of silicone or solvents.

WEICON Fast-Bond is suitable for the bonding of MDF panels, wood panels, chipboards, fibre and plaster boards, concrete, marble, natural and artificial stone, ceramics, gypsum, metals and rigid foams.

- 310 ml

10015372
beige



VIDEO











Bonding of edge banding/edge protection on chipboards | Fast-Bond



Silicone A



Acetoxy curing | fungicidal

WEICON Silicone A Adhesive and Sealant contains no solvents, is acetoxy curing, strong, permanently elastic, resistant to ageing and chemicals, temperature-resistant up to +200°C (+392°F), extremely elastic (breaking elongation >500%) and can be used universally. Silicone A adheres very well to steel, aluminium, glass, ceramics, and many additional materials.

WEICON Silicone A can be used in machine and system construction, ventilation and air conditioning systems, in the energy and electrical industry, in exhibition construction and shopfitting and in many additional industrial applications.

	▸ 280 ml	▸ Set	▸ Foil bag
white	10104913	10104916	10104910
grey	10104903	10104906	10104900
black	10104933	10104936	10104930
transparent	10104924	10104927	10104921

	▸ 85 ml
transparent	10104924

Silicone N



Neutral curing | fungicidal

WEICON Silicone N Adhesive and Sealant is free of solvents, is neutral curing, strong, permanently elastic, resistant to weathering, ageing and chemicals, temperature-resistant up to +180°C (+356°F), extremely elastic (breaking elongation of approx. 800%) and can be used universally.

Silicone N adheres very well to all metals, glass, ceramics, and many additional materials. WEICON Silicone N can be used in plastic processing, the electrical industry, energy technology, the lighting industry, exhibition construction and shopfitting and in many additional industrial areas.

▸ 280 ml	▸ Set	▸ Foil bag
10105011	10105014	10105008

Silicone LP



Acetoxy curing | drinking water approval

WEICON Silicone LP is an acetoxy curing and permanently elastic adhesive and sealant. It is resistant to chemicals, ageing, weathering and UV radiation as well as to temperatures up to +180°C C (+356°F).

It adheres very well to steel, aluminium, glass, plastics and many other materials. Silicone LP was developed specially for use in sensitive areas. It can be used as sealant in the food and drinking water sector, for example in dairies, slaughterhouses, in the food and beverage production or in canteen kitchens.

	▸ 280 ml	▸ Set	▸ Foil bag
white	10104982	10104985	10104979
transparent	10104992	10104995	10104989

Tested by the Ruhr Region Institute of Hygiene ("Hygiene-Institut des Ruhrgebiets") in accordance with the Guideline for Hygienic Assessment of Organic Materials in Contact with Drinking Water (KTW Guideline) by the Federal Environmental Agency of Germany

Green Tube®



WEICON Primer E 500



Especially for silicone - for pre-treating non-absorbent surfaces such as aluminium, VA steel, brass, copper, zinc, tinplate and enamel, ceramic and glass as well as plastics such as ABS, PVC hard, PA 6.6, GFC etc.

▸ 25 ml	▸ 250 ml
10060616	10035220



Silicones

Black-Seal

Extremely resistant against oil and grease

WEICON Black-Seal Adhesive and Sealant is black, high-temperature-resistant (+280°C/+536°F), free of solvents, strong, oil-resistant, grease-resistant, pressure-resistant, resistant to ageing and extremely elastic (breaking elongation of approx. 500%).

Black-Seal is suitable for bonding and sealing in applications where particularly high oil and grease resistance is required. WEICON Black-Seal can be used on gearbox, valve and casing covers, oil sumps, water pumps, gears and axles, flanges, tanks and containers, and in many other areas.



VIDEO

- 280 ml 10104022
- Set 10104057
- Foil bag 10104248
- 85 ml 10022222
- 200 ml Presspack 10000763

HT 300

High-temperature-resistant | acetoxy curing

WEICON HT 300 Adhesive and Sealant is red, high-temperature-resistant (+300°C/+572°F), free of solvents, strong and acetoxy curing. It is resistant to weathering, ageing and chemicals and is extremely elastic (breaking elongation of approx. 300%). HT 300 is particularly suitable for heat-exposed bonds and seals and adheres very well to steel, aluminium, glass, ceramics and many additional materials.

HT 300 can be used in industrial furnaces, flue gas systems, heating installations, exhaust gas routing, heating cabinets and in many additional areas.

- 280 ml 10104027
- Set 10104059
- Foil bag 10104250
- 85 ml 10005243





Silicone F

Liquid | self-levelling | neutral curing

WEICON Silicone F Casting and Sealing compound is liquid, self-levelling, spreadable, free of solvents and neutral curing. It is resistant to weathering and ageing, temperature-resistant up to +180°C (+356°F), extremely elastic (breaking elongation of approx. 370%) and can be used universally.

Silicone F can be specially used for elastic bonds, insulation and impregnation and even for the sealing and casting (max. 10 mm) of technical components. It adheres well to steel, aluminium, glass, ceramics, and many additional materials.

Silicone F can be used in machine and system construction, in plastic processing, the energy and electrical industry, in exhibition construction and shopfitting and in many additional industrial areas.



- 310 ml 10000492



Technical Data

	WEICON Adhesives and Sealants in non-cured condition				
	Flex 310 M® Classic	Flex 310 M® Crystal	Flex 310 M® HT 200	Flex 310 M® Stainless-steel	Flex 310 M® Liquid black
	✓	✓		✓	✓
Base:	1 C.-Polyoxypropylener	1 C.-Polyoxypropylener	1 C.-MS-Polymer	1 C.-MS-Polymer	1 C. MS-Polymer
Colour:	white, grey, black	transparent, crystal-clear	grey	stainless-steel	black
Content/Container:	280 ml, 200 ml	280 ml, 200 ml	280 ml	280 ml	310 ml
Density g/cm³:	1.44	1.06	1.41	1.08	1.00
Viscosity:	pasty	pasty	pasty	pasty	20.000 mPa.s
Stability/Run-off (ASTM D 2202) mm:	1	<1	<1	<1	self-levelling
Processing temperature:	+5°C to +40°C*2 *(+41 to +104°F)*	+5°C to +40°C*2 *(+41 to +104°F)*	+5°C to +40°C*2 *(+41 to +104°F)*	+5°C to +40°C*2 *(+41 to +104°F)*	+5°C to +40°C*2 *(+41 to +104°F)*
Cure type:	by humidity	by humidity	by humidity	by humidity	by humidity
Curing condition:	+5 to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5 to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5 to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5 to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5 to +40°C (+41 to +104°F) and 40% to 70% rel. humidity
Skin-over time (minutes)*3	25 min.	10 min.	10 min.	15 min.	160
Cure speed:*3	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours
Pot life (at +23°C/+73°F and 50% rel. air humidity)	-	-	-	-	-
Set to load bearing	-	-	-	-	-
Volume change (DIN EN ISO 10563) %:*3	-1	-3	-	-1	-
Gap filling up to max. mm:	5	5	-	5	-
Gap width up to max. mm:	25	25	-	25	-
Shelf life in months: (at constant room temperature)	18	18	18	18	12
	WEICON Adhesives and Sealants in cured condition				
Shore-A-Hardness (DIN ISO 7619):	42	40	55	45	20
Elongation at break (DIN EN ISO 527 / 5A) %:	650	300	400	280	400
Tensile strength of the pure adhesive/sealant (DIN EN ISO 527 / 5A):	3.3 N/mm² *(480 psi)*	3.0 N/mm² *(440 psi)*	3.2 N/mm² *(460 psi)*	3.1 N/mm² *(450 psi)*	1.5 N/mm² *(200 psi)*
Average tensile shear strength (DIN EN 1465):*4	2.1 N/mm² *(300 psi)*	2.0 N/mm² *(290 psi)*	1.8 N/mm² *(260 psi)*	2.5 N/mm² *(360 psi)*	-
Tear strength (DIN ISO 34):	20 kN/m *(114 lb/in)*	19 kN/m *(108 lb/in)*	21 kN/m *(120 lb/in)*	11 kN/m *(63 lb/in)*	-
Movement absorption max. %:	15	20	-	20	-
Temperature resistance:	-40°C to +90°C (-40 to +194°F) briefly (approx. 2 h) to +130°C (+266°F)	-40°C to +90°C (-40 to +194°F) briefly (approx. 2 h) to +120°C (+248°F)	-40°C to +90°C (-40 to +194°F) briefly (approx. 30 min.) to +200°C (to +392°F)	-40°C to +90°C (-40 to +194°F) briefly (approx. 2 h) to +120°C (+248°F)	-40°C to +90°C *(-40 to +194°F)*
Specific forward resistance	1.0 x 10^{10} Ω·cm	1.2 x 10^{12} Ω·cm	3.4 x 10^{11} Ω·cm	-	-
Paintable:*5	only “wet-on-wet” within 3 hrs. at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet” within 3 hrs. at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet” within 3 hrs. at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet” within 3 hrs. at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet” within 3 hrs. at the latest after material application with suitable paint coating systems (except alkyd resin paints)
Building material category (DIN 4102):	B 2	B 2	B 2	B 2	B 2
Possible primers:	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137

*2 For easier processing, the cartridges, tubes, etc. should be heated to room temperature (+20°/+68°F) before use at low temperatures.
*3 Normal climate +23°C (+73°F) and 50% relative humidity.
*4 Material combination aluminium/aluminium, cleaned and degreased with Cleaner S, 1 mm layer thickness, 10 mm per minute tearing speed, fast-bond beech/beech, without pre-treatment, 1 mm layer thickness, 5 mm per minute tearing speed.
*5 The WEICON One-Component Adhesives and Sealants listed above are free of substances that hinder the coating of lacquer, e.g. silicone. Thanks to the special composition, these can be painted over with suitable paint coating systems (no alkyd resin paints). However, to check the compatibility, suitability must always be determined individually in preliminary tests under the respective real-life conditions. This is essential due to the different compositions and the diversity of the substrates. The curing of the adhesives and sealants is only slightly delayed by a coating of paint.



Elastic Adhesives and Sealants

Technical Data

	WEICON Adhesives and Sealants in non-cured condition				
	Flex 310 M® 2 K	Natural Stone Adhesive	Aqua-Flex	Solar-Flex®	Windscreen Adhesive
			✓		✓
Base:	2-C Hybrid-Polymer	1 C MS-Polymer	1-C MS-Polymer	1-C MS-Polymer	1 C.-Polyoxypropylen
Colour:	grey	white, grey	white, grey, black	white, grey	black
Content/Container:	250 ml	280 ml	310 ml	280 ml	280 ml, 200 ml
Density g/cm³:	1.40	1.62	1.44	1.62	1.44 g/cm³
Viscosity:	solid paste	pasty	pasty	pasty	pasty
Stability/Run-off (ASTM D 2202) mm:	-	1	1	<1	1
Processing temperature:	+5 to +35 °C *(+41 to +95 °F)*	+5 °C to +40 °C*2 *(+41 to +104 °F)*	+5 °C to +40 °C*2 *(+41 to +104 °F)*	+5 °C to +40 °C*2 *(+41 to +104 °F)*	+5 °C to +40 °C*2 *(+41 to +104 °F)*
Cure type:	chemical polymerisation	by humidity	by humidity	by humidity	by humidity
Curing condition:	-	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity, Aqua-Flex also hardens under water	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5 to +40°C (+41 to +104°F) and 30% to 95% rel. humidity
Skin-over time (minutes)*3	-	10	25	10	25
Cure speed:*3	-	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours
Pot life (at +23°C/+73°F and 50% rel. air humidity)	approx. 10 Min.	-	-	-	
Set to load bearing	approx. 60 Min.	-	-	-	
Volume change (DIN EN ISO 10563) %:*3	approx. 1	-2	-1	-2	-1
Gap filling up to max. mm:	10	10	5	10	5
Gap width up to max. mm:	-	30	25	30	25
Shelf life in months: (at constant room temperature)	12	18	12	18	18
	WEICON Adhesives and Sealants in cured condition				
Shore-A-Hardness (DIN ISO 7619):	40	56 ±3	42	50	42
Elongation at break (DIN EN ISO 527 / 5A) %:	350	121	650	600	650
Tensile strength of the pure adhesive/sealant (DIN EN ISO 527 / 5A):	2.2 N/mm² *(319 psi)*	1.6 N/mm² *(232 psi)*	3.3 N/mm² *(480 psi)*	1.9 N/mm² *(280 psi)*	3.3 N/mm² *(480 psi)*
Average tensile shear strength (DIN EN 1465):*4	1.3 N/mm² *(189 psi)*	1.5 N(mm² *(250 psi)*	2.1 N/mm² *(300 psi)*	1.5 N/mm² *(250 psi)*	2.1 N/mm² *(300 psi)*
Tear strength (DIN ISO 34):	-	13 kN/m *(74 lb/in)*	20 kN/m *(114 lb/in)*	13 kN/m *(74 lb/in)*	20 kN/m *(114 lb/in)*
Movement absorption max. %:	-	20	15	20	15
Temperature resistance:	-40 to +90 °C *(-40 to +194 °F)*	-40 to +90 °C *(-40 to +194 °F)*	-40 °C to +90 °C *(-40 to +194 °F)* briefly (approx. 2 h) to +130 °C *(+266 °F)*	-40 °C to +90 °C *(-40 to +194 °F)*	-40 °C to +90 °C *(-40 to +194 °F)* briefly to +130 °C *(+266 °F)*
Specific forward resistance	-	-	-	-	1,0 x 10^{10} Ω·cm
Paintable:*5	-	only “wet-on-wet”, within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet”, within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet”, within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only “wet-on-wet”, within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)
Building material category (DIN 4102):	B 2	B 2	B 2	B 2	B 2
Possible primers:	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137



Technical Data

	WEICON Adhesives and Sealants in non-cured condition						
	Flex+bond®		Speed-Flex®	Speed-Flex® Crystal	Flex 310 PU	Fast-Bond	Flex 310 M® F1X
	✓		✓	✓	✓		
Base:	1 C.-MS-Polymer		1 C.-MS-Polymer	1 C.-MS-Polymer	1 C.- polyurethane	1 C.- polyurethane	1 C.-MS-Polymer
Colour:	white, grey, black	transparent	white, grey, black	transparent	white, grey, black	beige	white, grey
Content/Container:	85 ml		280 ml	280 ml	280 ml	310 ml	280 ml
Density g/cm³:	1.44	1.06	1.60	1.06	1.17	1.50	1.5
Viscosity:	pasty	pasty	extremely pasty	pasty	pasty	pasty	pasty
Stability/Run-off (ASTM D 2202) mm:	1	<1	<1	<1	1	>1	<1
Processing temperature:	+5 °C to +40 °C*² *(+41 to +104 °F)*		+5 °C to +40 °C*² *(+41 to +104 °F)*	+5 °C to +40 °C*² *(+41 to +104 °F)*	+5 °C to +40 °C*² *(+41 to +104 °F)*	+5 °C to +40 °C*² *(+41 to +104 °F)*	+5 °C to +40 °C*² *(+41 to +104 °F)*
Cure type:	by humidity		by humidity	by humidity	by humidity	by humidity	by humidity
Curing condition:	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity		+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +35°C (+41 to +95°F) and 40% to 70% rel. humidity	+5°C to +35°C (+41 to +95°F) and 40% to 70% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity
Skin-over time (minutes)*³	25	10	10	10	45	3	10
Cure speed:*³	2-3 mm in the first 24 hours		2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours
Volume change (DIN EN ISO 10563) %:*³	-1	-3	-1	-3	-6	Increase	-2
Gap filling up to max. mm:	5	5	5	5	5	10	10
Gap width up to max. mm:	25	25	5	25	25	-	30
Shelf life in months: (at constant room temperature)	18		18	18	18	12	18
	WEICON Adhesives and Sealants in cured condition						
Shore-A-Hardness (DIN ISO 7619):	42	40	58	40	45	-	56 ±3
Elongation at break (DIN EN ISO 527 / 5A) %:	650	300	230	300	450	-	121
Tensile strength of the pure adhesive/sealant (DIN EN ISO 527 / 5A):	3.3 N/mm² *(480 psi)*	3.0 N/mm² *(435 psi)*	2.2 N/mm² *(320 psi)*	3.0 N/mm² *(435 psi)*	2.0 N/mm² *(290 psi)*	10 N/mm² *(1.450 psi)*	1.6 N/mm² *(232 psi)*
Average tensile shear strength (DIN EN 1465):*⁴	2.1 N/mm² *(300 psi)*	2.0 N/mm² *(290 psi)*	1.3 N/mm² *(189 psi)*	2.0 N/mm² *(290 psi)*	1.6 N/mm² *(232 psi)*	11 N/mm² *(1.595 psi)*	1.5 N(mm² *(250 psi)*
Tear strength (DIN ISO 34):	20 kN/m *(114 lb/in)*	19 kN/m *(108 lb/in)*	10 kN/m *(57 lb/in)*	19 kN/m *(108 lb/in)*	9 kN/m *(51 lb/in)*	-	13 kN/m *(74 lb/in)*
Movement absorption max. %:	15	20	15	20	10	-	20
Temperature resistance:	-40 °C to +90 °C *(-40 to +194 °F)*	-40 °C to +90 °C *(-40 to +194 °F)*	-40 °C to +80 °C *(-40 to +176 °F)* briefly (approx. 2 h) to +120 °C *(+248 °F)*	-40 °C to +90 °C *(-40 to +194 °F)* briefly (approx. 2 h) to +120 °C *(+248 °F)*	-40 °C to +90 °C *(-40 to +194 °F)* briefly (approx. 2 h) to +120 °C *(+248 °F)*	-30 °C to +100 °C *(-22 to +212 °F)*	-40 °C to +90 °C, briefly (approx. 30 min.) to +180°C
Specific forward resistance	-	-	1.4 x 10^{11} Ω·cm	0.9 x 10^{12} Ω·cm	-	-	-
Paintable:*⁵	only "wet-on-wet", within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)		only "wet-on-wet", within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)	only "wet-on-wet", within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)	after complete curing	after complete curing	only "wet-on-wet", within 3 hours at the latest after material application with suitable paint coating systems (except alkyd resin paints)
Building material category (DIN 4102):	B 2		B 2	B 2	B 2	B 2	B2
Possible primers:	see primer selection table on page 137		see primer selection table on page 137	see primer selection table on page 137	see primer selection table on page 137	-	see primer selection table on page 137

*² For easier processing, the cartridges, tubes, etc. should be heated to room temperature (+20°/+68°F) before use at low temperatures.
*³ Normal climate +23°C (+73°F) and 50% relative humidity.
*⁴ Material combination aluminium/aluminium, cleaned and degreased with Cleaner S, 1 mm layer thickness, 10 mm per minute tearing speed, fast-bond beech/beech, without pre-treatment, 1 mm layer thickness, 5 mm per minute tearing speed.
*⁵ The WEICON One-Component Adhesives and Sealants listed above are free of substances that hinder the coating of lacquer, e.g. silicone. Thanks to the special composition, these can be painted over with suitable paint coating systems (no alkyd resin paints). However, to check the compatibility, suitability must always be determined individually in preliminary tests under the respective real-life conditions. This is essential due to the different compositions and the diversity of the substrates. The curing of the adhesives and sealants is only slightly delayed by a coating of paint.



Elastic Adhesives and Sealants

Technical Data

	WEICON Adhesives and Sealants in non-cured condition					
	Silicone A	Silicone LP*	Silicone N	Silicone F	HT 300	Black-Seal
LFGB		✓				
Base:	1-C Polysiloxane (acetate)	1-C Polysiloxane (acetate)	1-C Polysiloxane (pentanonoxime)	1-C Polysiloxane (pentanonoxime)	1-C Polysiloxane (acetate)	1-C Polysiloxane (acetate)
Colour:	white, grey, black transparent	white, transparent	transparent	white	red	black
Density (g/cm³):	1.03	1.00	1.17	1.00	1.18	1.04
Viscosity:	pasty	pasty	pasty	30.000 mPa·s	pasty	pasty
Stability/Run-off (ASTM D 2202) mm:	1	1	1	liquid	1	>1
Processing temperature:	+5 °C to +35 °C*² *(+41 to +95 °F)*	+5 °C to +35 °C*² *(+41 to +95 °F)*	+5 °C to +35 °C*² *(+41 to +95 °F)*	+5 °C to +35 °C*² *(+41 to +95 °F)*	+5 °C to +35 °C*² *(+41 to +95 °F)*	+5 °C to +35 °C*² *(+41 to +95 °F)*
Cure type:	by humidity	by humidity	by humidity	by humidity	by humidity	by humidity
Curing condition:	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity	+5°C to +40°C (+41 to +104°F) and 30% to 95% rel. humidity
Skin-over time (minutes):*³	15	10	7	15	8	7
Cure speed:*³	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours	2-3 mm in the first 24 hours
Volume change (DIN 52451) %:*³	< -6 %	< -6 %	< -6 %	-9 %	< -6 %	-9 %
Gap filling up to max. mm:	5	5	5	2	5	5
Gap width up to max. mm:	25	25	25	---	25	25
Shelf life in months: (at constant room temperature)	18	18	18	12	18	18
	WEICON Adhesives and Sealants in cured condition					
Shore-A-Hardness (DIN 53505 / ASTM D 2240):	20	25	20	10	30±5	30±5
Elongation at break ISO 37, S3A [%]	700	80	550	600	300	500
Tensile strength ISO 37, S3A [N/mm²]	1.4 N/mm² *(200 psi)*	2.9 N/mm² *(420 psi)*	1.5 N/mm² *(220 psi)*	1.8 N/mm² *(260 psi)*	2.5 N/mm² *(360 psi)*	2.2 N/mm² *(320 psi)*
Tension strength value at 100 % nach ISO 37, S3A	0.3 N/mm² *(40 psi)*	*0.6 N/mm² (90 psi)*	0.4 N/mm² *(60 psi)*	0.2 N/mm² *(30 psi)*	0.9 N/mm² *(130 psi)*	0.7 N/mm² *(100 psi)*
Movement capacity max. %:	25	25	25	/	15	15
Fungicide:	yes	no	yes	no	no	no
Temperature resistance:	-40 °C to +180 °C *(-40 to +356 °F)*	-40 °C to +180 °C *(-40 to +356 °F)*	-40 °C to +180 °C *(-40 to +356 °F)*	-50 °C to +180 °C *(-58 to +356 °F)*	-40 °C to +280 °C *(-40 to +536 °F)* briefly (approx. 2 h) +300 °C *(+572 °F)*	-40 °C to +280 °C *(-40 to +536 °F)* briefly (approx. 2 h) +300 °C *(+572 °F)*
Paintable:	cannot be painted	cannot be painted	cannot be painted	cannot be painted	cannot be painted	cannot be painted
Building material category (DIN 4102):	B 2	B 2	B 2	B 2	B 2	B 2

*² For easier processing, the cartridges should be heated to room temperature (+20°/+68°F) before use at low temperatures.
*³ Normal climate +23°C (+73°F) and 50% relative humidity in accordance with DIN 50014.

* NSF Nonfood Compounds Program Listed 92 Registration 158659



Chemical resistance of WEICON Adhesives and Sealants after curing

	Flex 310 M® Classic	Flex 310 M® Crystal	Flex 310 M® HT 200	Flex 310 M® F1X	Flex 310 M® Stainless-steel	Flex 310 M® 2 K	Flex 310 M® Liquid black	Windscreen Adhesive	Flex+bond®	Speed-Flex®	Speed-Flex® Crystal	Aqua-Flex	Solar-Flex®	Flex 310 PU	Fast-Bond	Silicone A	Silicone LP	Silicone N	Silicone F	HT 300	Black-Seal	Natural Stone Adhesive
Acetone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Alcohol	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	+	+	+	+	+	+	o
Concentrated formic acid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	o	o	+	+	-
Ammonia 10 %	+	o	+	+	+	+	+	+	o	+	o	+	+	+	o	+	+	+	+	+	+	+
Petrol (92 to 100 octane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Diesel/heating oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	-	-	+	+	-
Glycol ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-
Ethanol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-
Freon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	-	-	+	+	-
Antifreeze	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gear oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	-	-	+	+	-
Glycerine (glycol)	+	o	+	+	+	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	+
Hexane	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	o	+	+	+	-
Hydraulic oil	o	-	o	o	o	o	o	o	o	o	-	o	o	o	o	+	+	o	o	+	+	o
Caustic potash solution 20%	o	o	o	o	o	o	o	o	o	o	o	o	o	+	+	-	-	-	-	-	-	o
Cooling lubricant, water-dilutable	+	o	+	+	+	+	+	+	+	+	o	+	+	+	+	+	+	+	+	+	+	+
Lyes, diluted	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Methanol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Methyl ethyl ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Motor oil, mineral and synthetic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Sodium hydroxide solution 20%	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	+	+	o	o	+	+	-
Phosphoric acid 5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
2-propanol	-	-	-	-	-	-	-	-	-	-	-	-	-	o	o	+	+	o	o	+	+	-
Nitric acid 5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Hydrochloric acid 5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Salt water/seawater	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Sulphuric acid 5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Edible oil/vegetable oil	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	+	+	+	+	+	+	o
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Benzine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Water	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Water, +90°C (+194°F)	+	-	+	+	-	+	+	+	+	+	-	+	+	-	-	+	+	+	+	+	+	+
Hydrogen peroxide 3%	+	-	+	+	+	+	+	+	+	+	-	+	+	-	-	+	+	+	+	+	+	+
Paraffin oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-
Xylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	o	o	+	+	-
Citric acid 10%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+	+	+	-

+ = resistant o = limited resistance - = not resistant

Conversions

(°C x 1.8) +32 = °F
kV/mm x 25.4 = V/mil
mm / 25.4 = inches
µm / 25.4 = mil
N x 0.225 = lb
N/mm x 5.71 = lb/in
N/mm x 5.71 = pli
N/mm² x 145 = psi

MPa x 145 = psi
MPa x 0.145 = KSI
mPa·s = cP
N·m x 8.851 = lb·in
N·m x 0.738 = lb·ft
N·mm x 0.142 = oz·in
kg x 2.2046 = lb

Formula for calculating the consumption quantity

Joint depth / Joint width	5 mm		6 mm		8 mm		10 mm		12 mm	
	ml/m	m/Kart.	ml/m	m/Kart.	ml/m	m/Kart.	ml/m	m/Kart.	ml/m	m/Kart.
5 mm	25	12.4	30	10.3						
6 mm	30	10.3	36	8.6						
8 mm	40	7.75	48	6.5	64	4.8				
10 mm	50	6.2	60	5.2	80	3.9	100	3.1		
12 mm	60	5.2	72	4.3	96	3.2	119	2.6		
15 mm	75	4.1	90	3.4	120	2.6	148	2.1	182	1.7
18 mm			108	2.9	144	2.2	182	1.7	221	1.4
20 mm					160	1.9	194	1.6	240	1.3
25 mm							258	1.2	300	1.0



Elastic Adhesives and Sealants

Information on surface preparation/pre-treatment

Material		Basis MS-Polymers (POP)	Basis Polyurethanes (PUR)	Basis Silicones
ABS		Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + K 200
Aluminium	Bare	Surface Cleaner + M 100	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500
	Chromated	Surface Cleaner+ M 100	Surface Cleaner+ M 100	Surface Cleaner+ M 100
	Anodised	Surface Cleaner + M 100	Surface Cleaner + M 100	Surface Cleaner + E 500
	Powder-coated	Surface Cleaner + K 200*	Surface Cleaner + K 200*	Surface Cleaner + K 200*
	Primed	Surface Cleaner + K 200*	Surface Cleaner + K 200*	Surface Cleaner + K 200*
	Painted	Surface Cleaner + K 200*	Surface Cleaner + K 200*	Surface Cleaner + K 200*
Enamel		Surface Cleaner + M 100	Surface Cleaner + M 100	Surface Cleaner + E 500
EPDM		Surface Cleaner + P 400*	Surface Cleaner + P 400*	Surface Cleaner + P 400*
GFRP (polyester, epoxy)	Smooth/rough side	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Web goods	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Hand laminate	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
Glass	Untreated, clear	Surface Cleaner	Surface Cleaner + M 100**	Surface Cleaner + E 500
	Ceramic-coated	Surface Cleaner + M 100	Surface Cleaner + M 100	Surface Cleaner + E 500
Wood	Phenol-coated	no adhesion	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500
	Melamine-coated	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Untreated	Clean with humid cloth + Primer S 300	Blow off with compressed air + Primer S 300	Clean with humid cloth + Primer S 300
Ceramic		Surface Cleaner + M 100	Surface Cleaner + M 100	Surface Cleaner + E 500
Copper		Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500
Brass		Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500
PA (polyamide)		Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
PC *2		Surface Cleaner + K 200*	Surface Cleaner + K 200*	Surface Cleaner + K 200*
PIR hard foam (polyisocyanurate)		Surface Cleaner	Surface Cleaner	Surface Cleaner
PMMA (acrylic glass)		Surface Cleaner + K 200*	Surface Cleaner + K 200*	Surface Cleaner + K 200*
Polywood		Surface Cleaner + roughening up + P 400	Surface Cleaner + roughening up + P 400	Surface Cleaner + roughening up + P 400
PP/PE		Surface Cleaner + P 400*	Surface Cleaner + P 400	Surface Cleaner + P 400*
PS	Hard foam	Surface Cleaner + P 400*	Surface Cleaner + P 400*	Surface Cleaner + P 400*
	Panels, impact-resistant	Surface Cleaner	Surface Cleaner	Surface Cleaner
PUR hard foam (polyurethane)		Surface Cleaner	Surface Cleaner	Surface Cleaner
PUR elastomer		Surface Cleaner	Surface Cleaner	Surface Cleaner
PVC	Panels	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Hard foam	Surface Cleaner	Surface Cleaner + K 200	Surface Cleaner + E 500
Steel	Bare	Surface Cleaner	Surface Cleaner	Surface Cleaner
	Chromated	Surface Cleaner+ M 100	Surface Cleaner+ M 100	Surface Cleaner+ M 100
	Primed	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Painted	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	Powder-coated	Surface Cleaner + K 200	Surface Cleaner + K 200	Surface Cleaner + E 500
	VA (stainless steel)	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500
	Galvanised	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + M 100	Surface Cleaner + roughening up + E 500

* Preliminary tests are required ** Protect against UV back radiation *2 Protect from UV radiation

Primer M 100: For pretreating non-absorbent surfaces, e.g. metals, plastics, painted surfaces, enamels, ceramic and coated glass.
Primer K 200: For pretreating non-absorbent and painted plastic surfaces and elastomers, e.g. EPDM.
Primer S 300: For pretreating porous and absorbent surfaces.
Primer P 400: For pretreating polyolefins, e.g. PE, PP and difficult-to-bond elastomers.
Primer E 500: For pre-treating silicones.



Assembly Adhesive

Strong adhesion | universally applicable | for indoor & outdoor use

WEICON Assembly Adhesive is a strong dispersion acrylic adhesive for assembly, repair and touch-up work.

The adhesive has a high initial adhesion and final strength and cures rapidly. After drying, the Assembly Adhesive can be sanded and plastered over and can be painted over with commercially available paints and varnishes. The adhesive is temperature-resistant in a range from -20°C to +80°C and is suitable for both indoor and outdoor applications. The white flexible adhesive is low-emission and free from solvents.

The Assembly Adhesive is universally applicable and can be used for a wide variety of applications. It is ideal, for example, for surface bonding of wood-based materials (such as skirting boards, decorative mouldings, panels or chipboard), PVC, polystyrene, polystyrene foam boards, PU rigid foam (e.g. insulation boards and cable ducts), mineral materials (e.g. tiles) and metals on absorbent substrates such as plaster, concrete, fibre cement, plasterboard and untreated wood.

▸ 280 ml	▸ Set	▸ Foil bag
10101911	10104456	10104259

Erhöhte Lagerstabilität
+24 Monate
months
Longer shelf life



VIDEO









Technical Data

Base	acrylic dispersion
Colour	white
Texture	pasty
Density	1.4 g/cm³
Processing temperature	+5 °C to +40 °C
Curing speed	2-3 mm in the first 24 h
Skin-over time	10-15 min.
Hardness (Shore A)	65±3
Temperature resistance	-20 °C to +80 °C



Elastic Adhesives and Sealants

WEICON Primer M 100

▸ 250 ml 10023566 ▸ 25 ml 10060606

For pre-treating non-absorbent metal surfaces (aluminium, steel, stainless steel, brass, copper, zinc, tinplate), plastics (ABS, rigid PVC, PA 6.6, FRP, SMC, PUR), lacquered surfaces, enamel, ceramic, and glass.



WEICON Primer K 200

▸ 250 ml 10023567 ▸ 25 ml 10060609

For pre-treating non-absorbent and lacquered surfaces, plastic materials (ABS, rigid PVC, PA 6.6, FRP, SMC, PUR), metals (aluminium, steel, stainless steel, brass, zinc, tinplate) and elastomers (EPDM).



WEICON Primer S 300

▸ 250 ml 10023568 ▸ 25 ml 10060610

For pre-treating absorbent and/or porous surfaces, like e.g. uncoated hardboards and plasterboards.



WEICON Primer P 400

▸ 250 ml 10023569 ▸ 25 ml 10060612

For pre-treating non-absorbent low-energy surfaces, like e. g. plastics (PE, PP, TPE) and elastomers (EPDM).



WEICON Primer E 500

▸ 250 ml 10035220 ▸ 25 ml 10060616

Especially for silicone - for pre-treating non-absorbent surfaces such as aluminium, VA steel, brass, copper, zinc, tinplate and enamel, ceramic and glass as well as plastics such as ABS, PVC hard, PA6.6, GFC etc.



Primer Applicator

10032350



For application of WEICON Primer.

Primer

Bonding agent

Even without the use of a primer, WEICON Elastic Adhesives and Sealants (on the basis of MS and hybrid polymers) achieve good bonding results on most material surfaces.

Smoothing Agent

Simple smoothing of many sealants

The Smoothing Agent is a transparent mixture of non-ionic surface activators. Applying it makes it possible to easily and cleanly smooth off all WEICON Elastic Adhesives and Sealants such as silicone, MS polymers, polyurethane, etc. prior to skin formation.

▸ 500 ml
10038838
Spray bottle

▸ 5 L
10039360



Activating Cleaner

Cleaner and primer in one product

Universal cleaning and bonding agent rolled into one product. Especially for the pre-treatment of smooth surfaces, e.g. stainless steel, glass and plastics.

▸ 400 ml
10062859



Technical Data

	M 100	K 200	S 300	P 400	E 500	Activating Cleaner
Base:	Synthetic resin, with solvents	Synthetic resin, with solvents	Polyurethane, with solvents	Rubber, with solvents and chloric	Silicone resin, contains solvent	Solvent mixture with additives
Colour	colourless, transparent	colourless	yellowish, transparent	amber, transparent	slightly yellowish, transparent	transparent, clear fluid
Content	250 ml, 25 ml	250 ml, 25 ml	250 ml, 25 ml	250 ml, 25 ml	250 ml, 25 ml	400 ml
Density (g/cm³):	0.79	0.77	1.03	0.80	0.78	0.71
Consumption per m2 (ml):	20 - 40	20 - 40	80 - 200	20 - 60	100	-
Processing temperature:	+10°C to +25°C *(+50°F to +77°F)*	+10°C to +35°C *(+50°F to +95°F)*	+5°C to +25°C *(+41°F to +77°F)*	-15°C to +35°C *(+5°F to +95°F)*	+10°C to +25°C *(+50°F to +77°F)*	*+5 °C to +25 °C (+41 °F to +77 °F)*
Evaporation time (min):	approx. 10	approx. 10	approx. 60	approx. 10 - 60	approx. 60	10
Period of use (hrs.):	24	24	4	1	8	-
Suited for	WEICON Adhesives and Sealants (except silicones) WEICON Urethane	WEICON Adhesives and Sealants (except silicones) WEICON Urethane	WEICON Adhesives and Sealants (except silicones) WEICON Urethane	WEICON Adhesives and Sealants (except silicones) WEICON Urethane	WEICON Silicone A, F and N WEICON HT-300 WEICON Black-Seal	WEICON Elastic Adhesives and Sealants (allround-bonding agent)

Instructions



For an optimum result, the surfaces to be bonded must be clean (Surface Cleaner), dry and as smooth as possible. The processing temperature should be above +10°C *(+50°F)*.

Mounting Tape is not suitable for wallpapers or other sensitive surfaces. A removal of the tape may cause damage to the substrate.



Transparent

Moisture-resistant | UV-resistant | strong

- load bearing capacity 80 kg/m
- 19 mm x 3 m (width x length)
- core size 40 mm

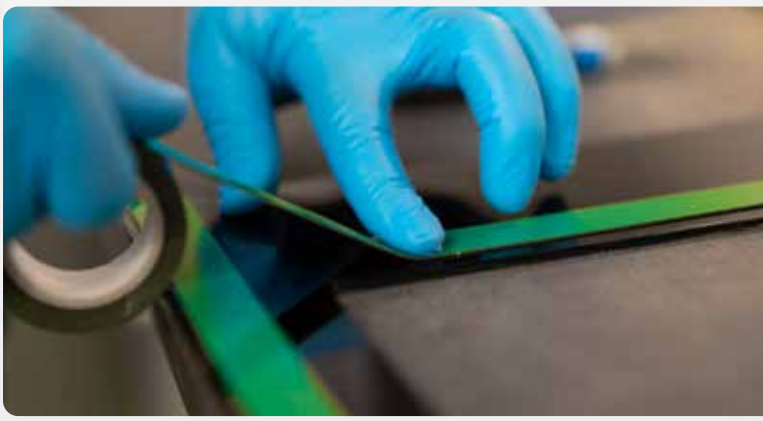


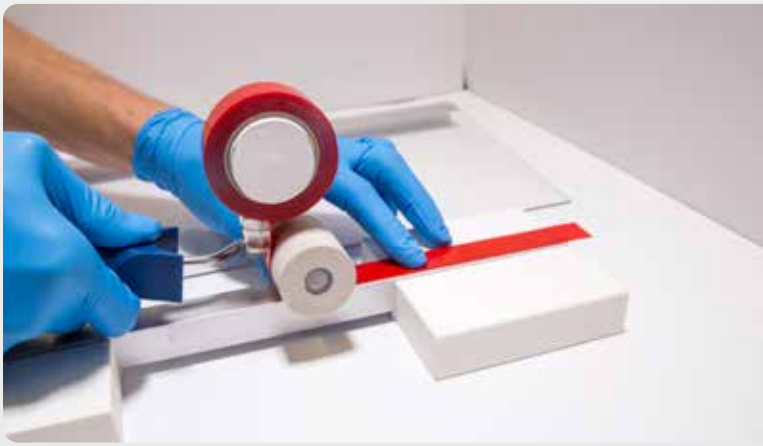
WEICON Mounting Tape Transparent is a double-sided, highly transparent adhesive tape made of pure acrylate adhesive. The tape is particularly suitable for visually demanding structural joints where transparent components need to be bonded permanently both for indoor and ourdoor use.

The transparent adhesive tape adheres firmly and securely to almost all smooth surfaces, such as glass, plastics, steel, aluminum, or tiles. The tape works in a temperature range of -40°C to +160°C (-40°F to +320°F) and is UV- and moisture-resistant. In combination with WEICON Adhesives and Sealants, it can be used as a fixing aid for hybrid bonding and ensures the secure positioning of the parts to be bonded.

Mounting Tape Transparent can be used in many different sectors, such as the advertising technology, fair and exhibition construction, kitchen and furniture construction, the caravanning sector, car body and vehicle construction, metal construction and in the electronics industry.

10050553
Length 3 m





Fixing aid in combination with WEICON Adhesives and Sealants.





Technical Data

	Transparent	Grey
Thickness	0,5 mm	0,9 mm
Elongation at break	750%	750%
Tensile strength	9 N/cm	10 N/cm
Adhesion to steel*	20 N/cm	20 N/cm
T-Block tensile strength to aluminium*	80 N/cm²	50 N/cm²
Dynamic shear strength**	40 N/cm²	45 N/cm²
Static shear strength**	> 10,000 min	> 10,000 min
Temperature range	-40°C to +160°C *(-40°F to +320°F)*	-40°C to +120°C *(-40°F to +248°F)*

*72 h **+23°C and +70°C, 1000 g, 625 mm²

Mounting Tape



Grey

Extremely strong adhesion | for smooth surfaces | high flexibility

- load bearing capacity 85 kg/m
- 19 mm x 3 m (width x length)
- core size 40 mm

Mounting Tape Grey is a strong, double-sided adhesive tape made of modified acrylic foam. The tape is particularly suitable for the bonding of low-energy plastics, such as PE and PP, as well as for powder-coated surfaces. In combination with WEICON adhesives and sealants, it can be used as a fixing aid for hybrid bonding.

The high flexibility of the tape perfectly compensates tensions when bonding around corners. Mounting Tape Grey has a temperature resistance of -40°C to +120°C (-40°F to +248°F), is UV- and moisture-resistant and suitable for permanent joints both indoors and outdoors.

Mounting Tape Grey can be used in a variety of applications in many sectors, such as car body and vehicle technology, caravanning, metal and apparatus engineering, electronics, mechanical engineering, advertising, shipbuilding and marine technology.

10050551
Length 3 m

VIDEO



Spacing Tape NEW

Fixing aid for hybrid adhesives | strong adhesion | for indoor and outdoor use

The grey spacing tape was specially designed for use in hybrid bonding applications. In such bonding applications, the components to be bonded are secured using two materials – an adhesive and a tape. The strong-adhesion spacing tape, made from modified acrylic foam, acts as a fixing aid for the component to be bonded in this type of application. It holds the component in place until the adhesive, which is intended to permanently secure it, has hardened and reached its full adhesive strength. The tape can be used wherever a defined bonding gap of 3 mm (or more) is required – for example, in applications and coatings using WEICON Plastic Metal. It is also suitable for thick-layer bonding of elastic adhesives and sealants. The spacing tape is highly flexible and adapts perfectly to the surfaces to be bonded. It can be used for permanent bonding both indoors and outdoors. The closed-cell adhesive tape has a high elongation at break of 650%, a temperature resistance from -40 °C to +120 °C and is resistant to UV and moisture.

- 16.5 m

10067873
roll



Contact adhesives for bonding rubber and metal

WEICON CONTACT ADHESIVES

What are contact adhesives?
Contact adhesives belong to the group of physically setting adhesives. These are adhesives that cure without a complex chemical reaction. The adhesive is activated and cures simply by the solvent flashing off. In contrast, with chemically setting adhesives, the adhesive is formed by the chemical reaction of polyaddition, polycondensation or polymerisation.

With the GMK (rubber-metal) adhesives, WEICON offers contact adhesives as 1-component (GMK 2410) and 2-component (GMK 2510) version.

What are contact adhesives used for?
Contact adhesives are needed wherever high initial strength is required and the bond should be permanently elastic and moisture-resistant.

WEICON GMK Adhesives are preferably used for the bonding of rubber materials to each other and to metal surfaces.







GMK 2510

Strong | permanently elastic | temperature-resistant

GMK 2510 is a 2-component adhesive based on polychloroprene for full-surface and permanently elastic bonding of parts which are continuously exposed to dynamic loads. The advantage compared to 1-component contact adhesives is the considerably better adhesion and the improved temperature resistance.

GMK 2510 bonds rubber, metal, textiles, leather, sponge rubber (neoprene), CSM (Hypalon), insulating materials, PU materials with an adhesive coating, wood and many plastics. After curing the bonding is moisture-proof. WEICON GMK 2510 is not suitable for materials such as polystyrene foam, polyethylene, polypropylene parts, PVC soft foam and PVC imitation leather.

▸ 324 g
10039649
Working package (consisting of 300 g adhesive and 24 g activator)

▸ 690 g
10034480
Working package (consisting of 650 g adhesive and 40 g activator)



Rubber Metal Adhesive

GMK 2410
GMK 2510

GMK 2410

Permanently elastic | resistant to humidity

GMK 2410 is an adhesive based on polychloroprene (CR) for the high-strength, full-surface and flexible bonding of

- rubber to rubber
- rubber to metal

WEICON GMK 2410 also bonds cellular rubber (e. g. neoprene), leather, felt, insulating material, textiles, wood, and many plastics.

GMK 2410 is not suitable for materials such as expanded polystyrene, polyethylene, polypropylene, flexible PVC foam, and artificial PVC leather. The product can be used for many industrial applications.

185 g	300 g	350 g
10029662	10028908	10030358
Tube	Can	Brushtop can

700 g	5 kg	25 kg
10028906	10029718	10029720
Can	Bucket	Bucket



VIDEO



Brush 35 long, Adhesive

Natural bristles 46 mm, for viscous materials

Especially suitable for applying liquid and flowable WEICON products. The material can be applied evenly and over a large area with a brush.



10065455





Adhesives / Sealants

Technical Data

	GMK 2410	GMK 2510
Base:	Polychloroprene (CR)	Polychloroprene (CR)
Density:	0.93 g/cm³	0.85 g/cm³
Viscosity:	approx. 2,400 mPa·s	1,500 mPa.s
Mixing ratio:	---	100:7
Colour:	yellowish-brown	black
Consumption:	250 - 350 g/m²	150 - 300 g/m²
Evaporation time:	5 – 10 minutes	5 – 15 minutes
Final strength:	approx. 24 hours	approx. 24 hours
Temperature range:	from -40°C to +80°C *(-40°F to +176°F)*	from -40°C to +80°C *(-40°F to +176°F),* short-term (1 h) to +130°C *(+266°F)*
Processing temperature:	+15°C to +35 °C *(+59°F to 95°F)*	+15°C to +35°C (+59 to +95°F), the adhesive gels under +5°C (+41°F), however is ready to use again by carefully heating it to room temperature!
Shelf life:	12 months when unopened	12 months when unopened
Storage:	at room temperature (+15°C to +25°C/+59 to 77°F) dry, in tightly closed container	at room temperature (+15°C to +25°C/+59 to 77°F) dry, in tightly closed container

Medium tensile shear strength

	GMK 2410	GMK 2510
Galvanised steel / EPDM:	0.16 N/mm² (16.0 N/cm² *) *23 psi*	0.60 N/mm² (60.0 N/cm² *) *87 psi*
Galvanised steel / galvanised steel:	1.60 N/mm² (160.0 N/cm² *) *232 psi*	3.00 N/mm² (300.0 N/cm² *) *435 psi*
Galvanised steel / SBR:	0.54 N/mm² (54.0 N/cm² *) *78 psi*	0.50 N/mm² (50.0 N/cm² *) *72 psi*
Galvanised steel / NBR:	0.57 N/mm² (57.0 N/cm² *) *83 psi*	0.49 N/mm² (49.0 N/cm² *) *71 psi*

* Tensile shear test in accordance with DIN EN 1465

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Technical Sprays

WEICON – Our name stands for high-quality products that have been used successfully in all areas of production, repair, maintenance, and servicing for many years. Products that will certainly solve a number of tasks and problems in your company as well.

Constant further development and adaptation to the latest requirements from practice and environmental concerns also guarantee a quality standard that remains consistently high.

- Surface and Anti-Corrosion Coatings
- Cleaners and Degreasers
- Protection and Care
- Solvents and Release Agents
- Lubricants





VIDEO

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Zinc Spray

Long-term cathodic corrosion protection | paintable | >1050 in the salt spray test according to DIN EN ISO 9227

WEICON Zinc Spray is approved by the German TÜV and provides a long-lasting cathodic corrosion protection to all metal surfaces. The spray forms a fast-drying, adherent protective layer of microfine zinc flakes.

Even after more than 1.050 hours in the salt spray test according to DIN 53167 and DIN 50021, metal parts coated with Zinc Spray did not show any corrosion. The zinc flakes form a resistant protective layer, even under extreme weather and environmental conditions.

Zinc Spray thus fulfils higher requirements than those defined by the DIN EN ISO 1461 standard. WEICON Zinc Spray can be used as a high-grade antirust primer, for the coating of welded joints and drilled holes, as a conductive intermediate layer for spot welding and wherever metal must be protected against corrosion.

► 400 ml
10000016



Zinc Spray bright grade

Long-term cathodic corrosion protection | bright colour shade matching hot-dip galvanization

Zinc Spray “bright grade” is approved by the German TÜV and provides a long-lasting cathodic corrosion protection to all metal surfaces. It has a bright colour shade matching hot-dip galvanization.

The spray forms a fast-drying, adherent protective layer of microfine zinc flakes. The zinc flakes form a resistant protective layer, even under extreme weather and environmental conditions.

Zinc Spray “bright grade” can be used as a high-grade antirust primer, for the coating of welded joints and drilled holes, as a conductive intermediate layer for spot welding and everywhere where metal must be protected against corrosion.

► 400 ml
10000047



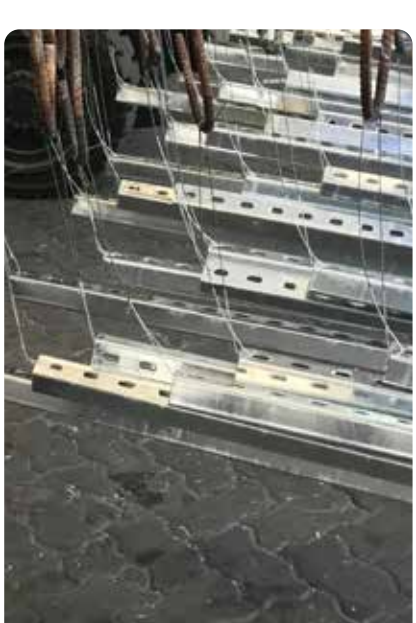
Zinc-Alu-Spray

Anti-corrosion protection | colour shade matching hot-dip galvanization

Zinc-Alu Spray lastingly protects all metal surfaces against rust and corrosion. WEICON Zinc-Alu Spray forms a fast drying and adherent protective layer and is resistant to many chemicals.

Zinc-Alu Spray is dust-dry after approx. 15 minutes and can be smoothed and painted without pre-treatment after around 12 hours. WEICON Zinc-Alu Spray can be used to repair damaged hot-dip galvanized surfaces in a matching colour shade and for coating welded joints and drilled holes.

► 400 ml
10000048





Surface and Anti-Corrosion Coatings

Galva Spray

Colour matching hot-dip galvanized surfaces | >450 h salt-spray-test DIN EN ISO 9227

WEICON Galva Spray provides a permanent protective layer for all metal surfaces. It protects metals against rust and corrosion and is fast-drying and firmly adhering.

The spray is resistant to salt water and fresh water and temperatures up to +300°C (+572°F). After more than 450 hours in the salt spray test according to DIN EN 9227, metal parts coated with WEICON Galva Spray did not show any corrosion.

The spray can be used for repairs of hot-dip galvanized parts in matching colour, as highly effective antirust primer, e.g. for painting car bodies, as coating on welded and drilled sections and as conductive intermediate layer in spot-welding.

- 400 ml

10040054









Rust Protection 2000 PLUS

Special corrosion- and weather-resistant surface coating



Rust Protection 2000 PLUS is a particularly corrosion- and weather-resistant surface coating on the basis of ferric oxide (hematite). The usage of highly-pure ferric oxide pigments in a flaky arrangement achieves permanent, weather-resistant and water-repellent surface protection.

Metal parts coated with Rust Protection 2000 PLUS did not show any corrosion after more than 2000* hours in a salt spray test. It is used wherever metal structures or systems require prolonged protection against extreme environmental and weather conditions in a visually appealing manner.

WEICON Rust Protection 2000 PLUS can be used on halls and steel structures, iron railing, lattice towers, fences, handrails, balcony grates, rolling gates, outdoor lights, and on points particularly susceptible to corrosion.

- 400 ml
  10021354
  silver-grey
  DB 701
- 400 ml
  10021353
  charcoal-grey
  DB 703

Aluminium-Spray A-100

Excellent corrosion protection | abrasion-resistant



WEICON Aluminium-Spray A-100 is abrasion-proof, resistant to many diluted acids and lyes, as well as to atmospheric influences. It contains aluminium pigments with a purity grade of approx. 99.5%.

WEICON Aluminium Spray A-100 offers high-grade corrosion protection for all metal surfaces.

WEICON Aluminium Spray A-100 can be used in cooling and ventilation technology, combustion systems, pipelines and machine housings, fibre glass car body components, in model building, arts and crafts, toy manufacturing and in many additional applications.

- 400 ml
  10000050

Aluminium-Spray A-400

Highest brilliancy



Aluminium-Spray A-400 has the highest brilliancy and is resistant to many diluted acids and lyes, as well as to wheater effects. It contains aluminium pigments with a purity grade of approx. 99,5%. WEICON Aluminium Spray A-400 offers high-grade corrosion protection for all metal surfaces. Aluminium Spray A-400 can be used in cooling and ventilation technology, combustion systems, pipelines and machine housings, fibre glass car body components, in model building, arts and crafts, toy manufacturing and in many additional applications.

- 400 ml
  10000051

Surface and Anti-Corrosion Coatings

Stainless Steel Spray

Corrosion-resistant and effective surface coating

WEICON Stainless Steel Spray is a chemical, corrosion-, and weather-resistant surface coating on the basis of acrylic resin and stainless steel pigments. It is temperature-resistant up to +300°C (+572°F).

Stainless Steel Spray can be used wherever a resistant and effective protective layer is required. The alloy is comprised of e.g. chromium, nickel and manganese.

WEICON Stainless Steel Spray can be used to repair damaged stainless steel parts on truck bodies, silos and pipelines, and outdoor applications. It can also be used for decorative purposes and for the optical refinement of glass, wood, stone, ceramics and most plastics.

► 400 ml
10000139







Stainless Steel Spray bright grade

Provides a treated stainless steel look e.g. V2A, V4A

WEICON Stainless Steel Spray bright grade is a chemical-, corrosion- and weather-resistant surface coating on the basis of acrylic resin and stainless steel pigments. It is temperature-resistant up to +300°C for short periods and provides a treated stainless steel look.

Stainless Steel Spray bright grade can be used wherever a resistant and effective protective layer is required. The alloy is comprised of e.g. chromium, nickel and manganese. WEICON Stainless Steel Spray bright grade can be used to repair damaged stainless steel parts on truck bodies, silos and pipelines, and in outdoor applications. It can also be used for decorative purposes and for the optical refinement of glass, wood, stone, ceramics and most plastics.

► 400 ml
10032003



Chrome-Silver Spray

High-brilliance anti-corrosive surface coating on aluminium basis



Chrome-Silver Spray is a high-brilliance surface coating. The special formulation and highest purity of the metal pigments create a high-gloss finish.

WEICON Chrome-Silver Spray can be used for prototypes and samples, mirror applications (e.g. reflectors), trade show and exhibition construction, effective decorative work and for the optical refinement of various materials.

- 400 ml

10009426

Copper Spray

High-grade and effective



WEICON Copper Spray is a high-quality, weather-resistant metal spray with high adhesive strength and a high copper content for protective and decorative coatings having an effective non-ferrous metal character for indoor and outdoor use.

It is even used for the optical refinement (copper-plating) of various material surfaces or design parts.

Copper Spray can be used on window sills, gutters and downspouts, outdoor lights and mailboxes, and for arts and crafts and decorative work.

- 400 ml

10000140

Isolation Spray

Transparent insulating and finishing varnish based on acrylic resin

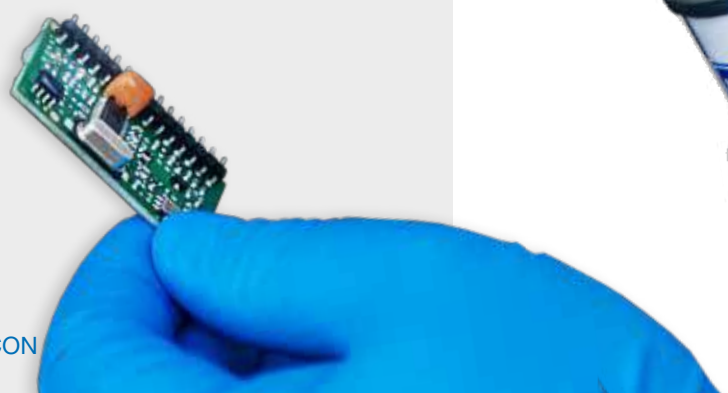
WEICON Isolation Spray is a transparent insulating and finishing varnish based on acrylic resin. It forms a flexible and resistant layer, which shows excellent adhesion to metal, glass, plastic or wood. It is resistant to UV radiation, acids, oils and lyes. It is moisture- and weather-resistant and has high dielectric strength.

The spray protects against moisture as well as different vapours. It serves as protective coating for circuit boards, on electrical connections, switches, switchboards, electronic components and coils, as universal sealant in electrical engineering or for the repair of insulations on electric motors, windings and frames.

- 400 ml

10053563







Surface and Anti-Corrosion Coatings

VIDEO



Corro-Protection

Corrosion protection of metal parts for indoor storages

WEICON Corro-Protection is a protective film approved by the German TÜV. It lastingly preserves tools and precision components with a dry and waxy layer.

WEICON Corro-Protection can be used as safe corrosion protection for bare, unpainted metal parts, for the indoor storage of workpieces, as corrosion protection during overseas transport and for the conservation of tools and precision components. The protective layer can be removed easily (e.g. with WEICON Cleaner S).

- 400 ml
  10000157
  colourless
- 400 ml
  10053034
  magenta



Brass Spray

High-grade and effective

WEICON Brass Spray is a metallic coating with a high brass content and a colour shade typical of brass. For the protection and optical refinement of various materials.

Brass Spray can be used in restoration work, for decorative purposes, in arts and crafts, hobby and do-it-yourself applications. It is suited for the sustainable repair of yellow chrome-plated parts which have been damaged by drilling, welding or milling.

- 400 ml
  10000141





Technical Data

	Zinc Spray	Zinc Spray bright grade	Zinc-Alu Spray	Galva Spray	Rust Protection 2000 PLUS charcoal-grey	Rust Protection 2000 PLUS silver-grey
Colour:	slightly weathered hot-dip galvanization	fresh hot-dip galvanization	fresh hot-dip galvanization	fresh hot-dip galvanization	charcoal-grey / DB 703	silver-grey / DB 701
Application:	indoors and outdoors	indoors and outdoors	indoors and outdoors	indoors and outdoors	indoors and outdoors	indoors and outdoors
Binding agent:	styrenated alkyd resin	modified alkyd resin	acrylic resin	acrylic resin	alkyd resin	alkyd resin
Pigment:	flaky zinc and aluminium pigments	flaky zinc and aluminium pigments	zinc and aluminium pigments	zinc and aluminium pigments	lamellar hematite	lamellar hematite
Pigment purity:	approx. 99.9 Zn / approx. 99.9% Al	approx. 99.9 Zn / approx. 99.5% Al	approx. 99.5% Al / approx. 94.0% Zn	approx. 99.5% Al / approx. 94.0% Zn	> 90% ferric oxide	> 90% ferric oxide
Percentage of metal in dry film:	approx. 70%	approx. 70%	approx. 51%	approx. 51%	approx. 58%	approx. 58%
Content:	400 ml	400 ml	400 ml	400 ml	400 ml	400 ml
Specific Weight g/cm³:	1.1 - 1.3	1.0 - 1.2	0.90 - 1.0	0.90 - 1.0	1.3 - 1.4	1.3 - 1.4
Recommended primer:	not necessary	Zinc Spray	Zinc Spray	Zinc Spray	not necessary	not necessary
Processing temperature*2:	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)
Consumption at 1.5 cross coats*3:	approx. 150 ml/m²	approx. 150 ml/m²	approx. 150 ml/m²	approx. 150 ml/m²	approx. 160 ml/m²	approx. 160 ml/m²
Layer thickness at 1.5 cross coats*3:	approx. 30 - 50 µm	approx. 20 - 40 µm	approx. 20 - 40 µm	approx. 20 - 40 µm	approx. 60 - 80 µm	approx. 160 ml/m²
Drying time*3: Dust dry	approx. 15 minutes	approx. 15 minutes	approx. 15 minutes	approx. 15 minutes	approx. 30 minutes	approx. 30 minutes
Drying time*3: Hardened	10-12 hours	10-12 hours	10-12 hours	10-12 hours	approx. 24 hours	approx. 24 hours
Drying time*3: Painted over	approx. 24 hours	approx. 24 hours	approx. 12 hours	approx. 12 hours	approx. 24 hours	approx. 24 hours
Abrasion-resistant:	abrasion-resistant	abrasion-resistant	abrasion-resistant	abrasion-resistant	abrasion-resistant	abrasion-resistant
Cross cutting DIN 53151 / ISO 2409:	cross cut characteristic value GT 0	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1
Salt spraying test DIN EN ISO 9227	>1,050 hours	>550 hours	>450 hours	>450 hours	---	---
Mandrel bend test DIN EN ISO 1519:	no hair cracking	no hair cracking	no hair cracking	no hair cracking	no hair cracking	no hair cracking
Top coating:	not required	not required	not required	not required	not required	not required
Temperature resistance after complete curing:	from -50°C *(-58°F)* to +500°C *(+932°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*
Shelf life*5:	24 months	24 months	24 months	24 months	24 months	24 months

*2 When processing at temperatures below +10°C (+50°F), heat spray cans to room temperature +20°C (+68°F).
*3 Temperature of spray can and the surface of +20°C (+68°F) and 50% relative humidity.



Technical Sprays

Technical Data

Aluminium-Spray A-100	Aluminium-Spray A-400	Stainless Steel Spray	Stainless Steel Spray bright grade	Chrome-Silver Spray	Copper Spray	Brass Spray
aluminium-metallic, matt	aluminium, bright	stainless steel metallic, matt	stainless steel metallic, bright	aluminium, glossy	copper-metallic, matt	brass-metallic, matt
indoors and outdoors	indoors and outdoors	indoors and outdoors	indoors and outdoors	indoors	indoors and outdoors	indoors and outdoors
acrylic resin	hydrocarbon resin	acrylic resin	alkyd resin	natural resin	acrylic resin	acrylic resin
aluminium pigments	flaky aluminium pigments	stainless steel pigments	stainless steel and aluminium pigments	flaky aluminium pigments	copper pigments	brass pigments
approx. 99.5% Al	approx. 99.5% Al	stainless steel alloy approx. 98.5%	VA-alloy approx. 98.5% Al	approx. 99.5% Al	approx. 99.9% Cu	approx. 99.9% Ms
approx. 43%	approx. 23%	approx. 45%	approx. 35.0%	approx. 15%	approx. 50%	approx. 52%
400 ml	400 ml	400 ml	400 ml	400 ml	400 ml	400 ml
0.9 - 1.0	0.8 - 0.9	0.9 - 1.0	0.9 - 1.0	0.8 - 0.9	0.9 - 1.0	0.9 - 1.0
Zinc Spray	Zinc Spray	Zinc Spray	Zinc Spray	Zinc Spray	Zinc Spray	Zinc Spray
from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)	from +5°C (+41°F) to +35°C (+95°F), optimum processing temperature from +18°C (+64°F) to +25°C (+77°F)
approx. 120 ml/m²	approx. 120 ml/m²	approx. 120 ml/m²	approx. 120 ml/m²	approx. 150 ml/m²	approx. 120 ml/m²	approx. 120 ml/m²
approx. 25-35 µm	approx. 10-15 µm	approx. 20-30 µm	approx. 15-25 µm	approx. 10-20 µm	approx. 20-30 µm	approx. 20-30 µm
approx. 10 minutes	approx. 10 minutes	approx. 10 minutes	approx. 10 minutes	approx. 10 minutes	approx. 10 minutes	approx. 10 minutes
approx. 4-6 hours	approx. 4-6 hours	approx. 4-6 hours	approx. 10-12 hours	approx. 4-6 hours	approx. 4-6 hours	approx. 4-6 hours
approx. 4-6 hours	cannot be painted	approx. 4-6 hours	approx. 8 hours	cannot be painted	approx. 4-6 hours	approx. 4-6 hours
abrasion-resistant	not abrasion-resistant	abrasion-resistant	abrasion-resistant	not abrasion-resistant	abrasion-resistant	abrasion-resistant
cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1	cross cut characteristic value GT 0 to GT 1
---	---	>200 h	>100 h	---	---	---
no hair cracking	no hair cracking	no hair cracking	no hair cracking	no hair cracking	no hair cracking	no hair cracking
not required	cannot be painted	not required	not required	not required	not required	not required
from -50°C *(-58°F)* to +800°C[*6] *(+1,472°F)*	from -50°C *(-58°F)* to +800°C *(+1,472°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +400°C *(+752°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*	from -50°C *(-58°F)* to +300°C *(+572°F)*
24 months	24 months	24 months	24 months	24 months	24 months	24 months

[*5] At a constant room temperature and dry storage. The same applies for closed original barrels that are not subjected to direct or indirect sunlight.
[*6] Above +350°C (+662°F) not abrasion-resistant.



VIDEO

Cleaner Spray S

Degreases and cleans all metals, glass, ceramics and most plastics

WEICON Cleaner Spray S cleans, degreases and evaporates without leaving residues. Its special valve also makes it possible to work overhead.

Cleaner Spray S can be used on all metals, glass, and ceramics, and on most plastics, and thermoplastics such as PVC, PMMA (acrylic glass), polystyrene etc.

WEICON Cleaner Spray S can be used for cleaning and degreasing before priming and painting, for cleaning machine parts or before other WEICON products are applied on surfaces where a greasy underground would impair their effect.



▸ 500 ml
10000147



Universal Spatula

Special spatula for the gentle removal of various contamination and residues. Suitable for use in the food industry. EU Regulation 10/2011/EC plastics with food contact.

10039185
Length 25 cm, colour white

Fast Cleaner

Cleaning and degreasing agent for sensitive areas

The Fast Cleaner has an NSF registration for the foodstuffs sector and can therefore be used as a cleaner and degreasing agent for the removal of contamination generated within the scope of maintenance work and for the removal of non-cured adhesive residues in the foodstuffs and beverages industry and in the pharmaceutical and cosmetical industries.



Fast Cleaner is used to clean and degrease surfaces which are bonded or sealed using WEICON Adhesives and Sealants, or which should be coated using WEICON metal sprays.

Fast Cleaner is pH-neutral and material-compatible, and can be used on many different materials such as metals, glass, ceramics and most rubbers and plastics.

▸ 500 ml
10039119





Cleaners and Degreasers

Industrial Cleaner

Powerful special cleaner with high yield

WEICON Industrial Cleaner is suitable for universal use. It cleans, degreases and evaporates without leaving any residues. The cleaner removes grease, oil, soot and other soilings and residues. It cleans many surfaces fast and easily, such as metals, glass and many plastics. Industrial Cleaner can be used in many different areas.

It is even suitable for sensitive surfaces, such as plastics, rubber materials or powder-coated metal pieces. The cleaner operates with a highly compressed propellant. Therefore, it has a very high active ingredient content of 95 %. This means that the cleaner is very economical, so one container covers a significantly higher number of applications.

▸ 500 ml
10055297



Surface Cleaner

Pre-treatment of bonding surfaces

WEICON Surface Cleaner is used for the cleaning and degreasing of surfaces to be joined or sealed with WEICON Adhesives and Sealants.

WEICON Surface Cleaner can be applied on materials like metal, glass, ceramics and most plastics. Surface Cleaner can be used, for example, to clean and degrease machine components in the course of maintenance work.

▸ 150 ml
10024317

▸ 400 ml
10024313



Brake Cleaner

Multi-purpose cleaner, especially for the automotive sector

WEICON Brake Cleaner is a universal cleaner for the automotive industry, which cleans, degreases and evaporates without leaving residues.

Brake Cleaner quickly and effortlessly degreases and cleans metals, glass and many plastics. It removes oily and greasy impurities and residues. WEICON Brake Cleaner can be used on brakes (drum and disc brakes, brake pads, brake blocks, cylinders, springs and bushings), clutches (clutch linings and components) and on engine parts (carburettors, fuel and oil pumps, gears etc.).

▸ 500 ml
10000148



Plastic-Cleaner

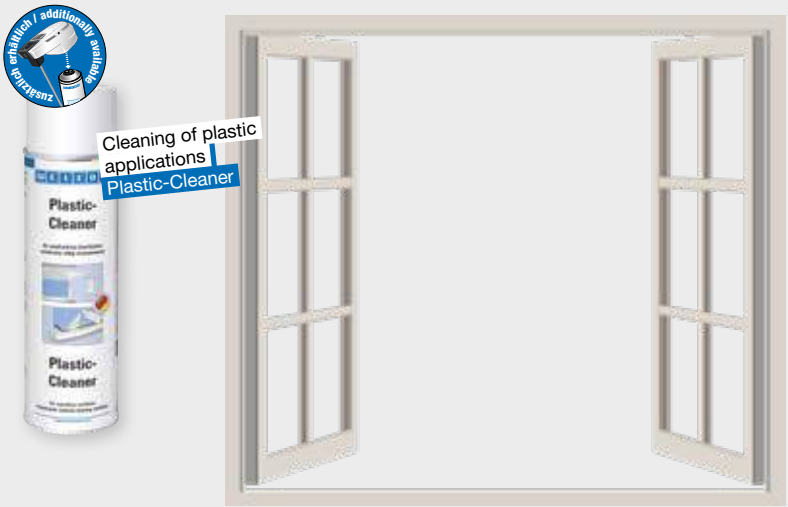
Degreases and cleans sensitive surfaces

WEICON Plastic-Cleaner cleans, degreases and evaporates without leaving residues. WEICON Plastic-Cleaner can be used to clean and degrease sensitive surfaces such as plastics*, rubber materials or powder-coated metal parts.

Plastic-Cleaner can be used, for example, on window frames, roller blinds, plastic profiles, seals or lacquered flanges in many industrial applications.

▸ 500 ml
10005207

*Check material compatibility before use.





Burner Cleaner

Especially formulated to remove grease, oil, soot and other dirt accumulations from burner parts

WEICON Burner Cleaner is a special cleaner for the removal of grease, oil, rust and other impurities from burner parts.

WEICON Burner Cleaner evaporates without leaving residues. WEICON Burner Cleaner can be used on blast connections, baffles plates, fan wheels and in housing interiors, ignition electrodes, etc.

▸ 500 ml
10009904

Mould Cleaner

Cleaner on the basis of highly active organic solvents

WEICON Mould Cleaner is a special cleaner based on highly active organic solvents. It effectively removes waxes, silicones, oils, non-cured PUR residues and other impurities from plastic, steel or aluminium moulds.

▸ 500 ml
10025766









Cleaners and Degreasers

Multi-Foam

Powerful universal cleaner

WEICON Multi-Foam is a powerful universal cleaner for residue-free cleaning. It is free of phosphates and formaldehyde and contains no corrosive or caustic substances.

Multi-Foam can be used to clean the most diverse surfaces such as metal, plastic, glass, ceramic or lacquered and coated surfaces.

WEICON Multi-Foam can be used universally in industry, skilled trades and DIY applications.

▸ 150 ml
10063243

▸ 400 ml
10000144





Citrus Cleaner

zusätzlich erhältlich / additionally available

proven effect according to DIN EN 1276 and 1650

Cleaner and degreaser on the basis of citrus essences

WEICON Citrus Cleaner is an all-purpose cleaning agent based on alcohol and citrus peel extracts. Due to its high isopropyl alcohol content of over 75%, WEICON Citrus Cleaner makes use of its disinfectant effect, and thus supports the overall cleaning and disinfection of surfaces. It can be used for all purposes and is equally suited for use in industrial applications, skilled trades, window construction, in public institutions and public transport, in construction companies, and in housekeeping.

It cleans a wide range of materials, such as metals and plastics, glass, and ceramic as well as painted and coated surfaces*. WEICON Citrus Cleaner is also highly effective and efficient in basic hygiene and supporting additional hygiene measures, in cleaning frequently used hand tools, and in removing stains due to pencils, pens, and markers.

▸ 400 ml
10032019

*For safety reasons, the material compatibility should first be checked on a non-visible area.

pH - neutral
Professional Quality
pH - neutral



Foam Cleaner

NSF

For the food industry

WEICON Foam Cleaner is universally applicable and can be used for the cleaning and degreasing of water-resistant surfaces and for the removal of soilings on plastic, glass and textile surfaces.

Due to its NSF A1 registration, the Foam Cleaner is suitable for use in sensitive areas, such as the food and beverage industry as well as in the pharmaceutical and cosmetic industry.

The spray is suitable for the cleaning of conveyor belts with contact to food, for example in production lines or retail shops. It removes soilings on machine housings and cleans scales, flat screens, touch screens, navigation systems and many more. Foam Cleaner eliminates many different impurities, such as oils and greases, fingerprints, soot, nicotine, dust as well as residues of insects. It can be used wherever acidic or alkaline detergents are not allowed. Due to its special formula and the resulting NSF registration, the Foam Cleaner can contribute towards improvements in occupational safety and health protection.

▸ 400 ml
10050556







zusätzlich erhältlich / additionally available

Electro Contact Cleaner

Cleans and degreases electronic or mechanical components

WEICON Electro Contact Cleaner is a special cleaner for the fast and effective cleaning and degreasing of all kinds of soiled or corroded contacts.

Electro Contact Cleaner was specially developed for the cleaning of electronical and mechanical components. The special formula with high-purity solvents removes oxide/sulphide layers, combustion residues and resinous or sooty soiling.

WEICON Electro Contact Cleaner reduces voltage loss and increases electric conductivity. Contamination that can cause tracking current is removed. It can be used on electro-technical or mechanical components such as electrical machines, measuring instruments, tools, balances, switches and sensors or electrical connections, contacts, relays and switchboards.

- 400 ml

10028866

zusätzlich erhältlich / additionally available

Sealant and Adhesive Remover

Removes residues of hardened sealants and adhesives

WEICON Sealant and Adhesive Remover quickly and easily removes residues of hardened sealants and adhesives as well as lacquers and paints, even from vertical surfaces.

WEICON Sealant and Adhesive Remover can be used on metal, wood, glass, ceramics, polyethylene and polypropylene. It should not be used on sensitive plastics such as PVC, synthetics, linoleum, etc.

Sealant and Adhesive Remover loosens all kinds of sealant residues on cylinder heads, oil sumps, water pumps, exhaust manifolds, valve covers and gearbox flanges. It reliably removes oil carbon residues, paints and lacquers, and eliminates oils, resins, greases and tar. It can also be used as a paint stripper for wood restoration and removes all kinds of adhesives, even cured cyanoacrylate and anaerobic adhesives.

- 400 ml

10026705



Compressed-Air Spray

Universal use | fast and reliable

WEICON Compressed-Air Spray can be used universally, wherever dust cannot be easily removed by conventional methods and on parts which are difficult to reach.

It allows dust to be removed from inaccessible corners and sensitive surfaces in a dry and contact-free manner. Compressed-Air Spray can be used on hifi and video devices (e.g. modules, circuit boards, magnetic heads, disk drives, etc.), in optics (e.g. cameras and lenses), automotive fuse boxes, windshield washer systems, clock mechanisms (quartz clocks), medical technology, model building, measurement technology, and on electronic components and circuit boards.

- 400 ml

10011614





Cleaners and Degreasers

Visor Cleaner

Cleaner on the basis of highly active organic solvents



WEICON Visor Cleaner is a special cleaner for the cleaning and care of sensitive plastic and glass surfaces. It is antistatic and anti-reflective, reduces dazzling, and improves the view.

WEICON Visor Cleaner gently removes contamination caused by insects, dirt, dust, grease and nicotine without leaving streaks.

Visor Cleaner can be used on all kinds of visors, on welding face shields, safety goggles, vision protection, safety glass, plastic housings on CNC machines, printers, scanners, etc., and on all other plastic and glass surfaces.

► 200 ml
10029663



Screen Cleaner

Cleans carefully without leaving residues



WEICON Screen Cleaner is a special cleaner for the cleaning and care of sensitive plastic and glass surfaces. It is antistatic and anti-reflective.

Its antistatic effect provides a dirt- and dust-repellent surface. WEICON Screen Cleaner gently removes contamination caused by insects, dirt, dust, grease and nicotine without leaving streaks.

WEICON Screen Cleaner can be used on all flat and plasma screens (computers, mobiles, laptop computers, televisions, scanners, copy machines, etc.) and plastic housings (on computers, scanners, copy machines or televisions).

► 200 ml
10020650





Stainless Steel Care Spray

zusätzlich erhältlich / additionally available



Antistatic cleaning

Stainless Steel Care Spray was specially formulated for the cleaning, protection and care of matt and polished stainless steel surfaces both indoors and outdoors and has an antistatic effect.

WEICON Stainless Steel Care Spray removes and prevents fingerprints, removes lubricating films e.g. from fume hoods, cleans even large surfaces without leaving streaks, and provides a long-lasting protective film which repels water and prevents new dirt from clinging. The product can be used in many applications.

- 400 ml

10012800

Cockpit-Spray



Care product for the automotive interior

WEICON Cockpit-Spray is a water-repellent care product for all plastic and rubber parts in motor vehicle interiors. The permanent invisible protective film prevents contamination and creates an easy-care, dust-repellent silky shine.

Cockpit-Spray refreshes dull and weathered plastic. Rubber does not crack and remains supple and elastic.

WEICON Cockpit-Spray eliminates squeaky and creaky noises, and cares for dashboards, inside cladding, all plastic and rubber parts, leather, wood, and chromium, and car roofs covered with synthetic leather.

It prevents door, window and boot seals from freezing, and is used as a lubricant for seatbelts, seat guides, sunroofs, window guides, door locks and wherever greasy soiling can occur.

- 400 ml

10002666

Metal-Fluid

NSF



Universal use | clean | maintain | protect

WEICON Metal-Fluid is a care and cleaning product for indoor matt and polished surfaces and has an NSF registration.

WEICON Metal-Fluid protects, cleans and maintains both metal surfaces and ceramics, wood, glass and plastics. It does not dissolve etched and printed markings or plastic surfaces and rubber seals. Due to its special formula and the resulting NSF registration, Metal-Fluid can contribute towards improvements in occupational safety and health protection.

- 400 ml

10016338





Protection and Care

Belt Dressing Spray



Suitable for highly stressed power-transmission belts

WEICON Belt Dressing Spray is a transparent belt coating based on synthetic elastomers for the most diverse types of heavily stressed drive belts.

It increases the service life, prolongs the durability of machines and systems, prevents belt slip, transmits the full drive capacity, eliminates and prevents squeaking, penetrates deep into pores, increases the effectiveness of the tensile strength, increases friction and promotes adhesion, prevents static charging, ensures suppleness and protects against ageing.

Belt Dressing Spray is suitable for many different types of belts made from all common materials such as fabric, leather, rubber or PVC. It can be used for V-belts, link belts, drive belts, flat belts, round belts, toothed belts, transmission belts, ribbed belts or conveyor belts.

WEICON Belt Dressing Spray is particularly suited for all types of drive belts in machines, aggregates, compressors, pumps, generators, conveyors, mills, pillar drills, and cooling units. The product can be used in many industrial sectors.

- 400 ml

10031504



Our TIP!



Hand Protective Foam

Waterproof and providing lasting protection

The skin is the largest and one of the most complicated organs in the human body, it has multifaceted adjustment and defence mechanisms and provides protection against environmental influences.

Bacteria, viruses and fungi can be found everywhere in the environment and also live on our skin. Most of these microorganisms are harmless to us. Some, however, can make us sick when entering our body. Skin damages are one of the many gateways for pathogens to the human body. Therefore, it is important to take care of and protect the skin.



One important element of effective skin protection is the special care with WEICON Hand Protective Foam, which protects your hands from harmful environmental influences for several hours. WEICON Hand Protective Foam provides temporary protection against aggressive sea and industrial environments, chemicals, solvents, alkalis, acids, salts, cleaning agents, oils, greases, cement, mortar, varnishes, adhesives, or longer contact with aqueous media. However, the foam does not replace a conventional protective glove. The Hand Protective Foam does not block skin respiration or dry out the skin, while protecting it against swelling, irritations, inflammations and adhering dirt. That way, the Hand Protective Foam supports the skin in providing a natural protective barrier.

- 250 ml

10021320

WEICON Hand Protective Foam

- absorbs quickly
- leaves an invisible, non-greasy and waterproof protective film
- non-greasy, non-slip “invisible glove”
- supports the natural barrier of the skin and is dermatologically tested
- easy and hygienic use thanks to spray can

Rust Converter

neutralises rust | provides a temporary protective coating

WEICON Rust Converter neutralises rust on corroded iron and steel surfaces and reliably stops corrosion. With its special formula of acid and tannin, the rust converter penetrates the rust. It chemically converts iron oxides into a stable layer and provides temporary corrosion protection through zinc phosphate.

Depending on the carbon content of the metal, the treated area changes colour to bluish, brownish or black. The layer provides the perfect base for subsequent protective coatings, e.g. with WEICON Zinc Spray. WEICON Rust Converter achieves optimal results on lightly rusted surfaces with a rust grade of A and B. Loose rust and loose parts should be removed mechanically beforehand. The converter only becomes active when applied to rust or metal and can be used extensively on all rusted areas, such as on machines and equipment, agricultural machinery and motor vehicles. Unlike other converters, WEICON Rust Converter can be washed off the treated surface with clean water and a sponge or soft brush once the reaction time is over. This way, residues that have formed during the conversion process are removed.

▸ 400 ml
10047458





Solvents



Rust Shock

The “chemical wrench”

WEICON Rust Shock is free of mineral oil, grease and silicone.

Rust Shock is a “chemical wrench” and uses its chill effect and capillary properties to loosen threaded joints in seconds.

WEICON Rust Shock can be used in all industrial sectors requiring threaded joints to be loosened.

▸ 400 ml
10000143





Rust Loosener Fluid

Penetrating oil for sensitive areas

Rust Loosener Fluid is physiologically harmless and has an NSF registration for the foodstuffs sector. This means that it can be used in the foods and beverages industry and in the pharmaceuticals and cosmetics industries.

Rust Loosener Fluid loosens rusted and oxidised screw connections, bolts, levers, joints and hinges as well as seized mechanisms on components. Due to its excellent capillary action, Rust Loosener Fluid can also penetrate the smallest cavities. It secures the function of mechanical parts and electrical contacts. The spray lastingly protects against corrosion and oxidation. It cleans and cares for metal surfaces, mechanical parts and electrical systems.

Due to its special formula and the resulting NSF registration, Rust Loosener Fluid can contribute towards the improvement of workplace safety and health protection.

▸ 400 ml
10039111





Rust Loosener and Contact Spray

Sixfold function

The sixfold function of Rust Loosener and Contact Spray makes it indispensible for repairs, maintenance and servicing. Thanks to its excellent capillary action, WEICON Rust Loosener and Contact Spray reaches even the smallest intermediate spaces. The 3-way spray valve makes it possible to work in any position (even overhead).

WEICON Rust Loosener and Contact Spray loosens rusted and stiff parts, screws, bolts, joints and hinges, dispels water from ignition systems, secures the function of mechanical parts and contacts, e.g. on distributor caps and spark plugs, sustainably protects against corrosion and oxidation, provides long-lasting lubrication to sliding surfaces, and cleans and maintains metal surfaces, mechanical parts and electrical systems.

▸ 400 ml
10023536



Contact Spray

Dispels moisture | prevents leakage current

WEICON Contact Spray is based on a special combination of active ingredients for the protection and care of electrical contacts and components.

It dispels moisture from electrical contacts, prevents leakage currents and voltage loss and keeps contacts, fuses, cable connections, etc. free of oxidation and sulphide layers.

WEICON Contact Spray can therefore be used, for example, on fuse boxes, speaker systems, gate drives, electrical outlets, cable and electrical connections, cable reels and extensions, electrical garden equipment and lighting systems.

- 400 ml

10026740



Release Agents

Label Remover

Including special spatula

WEICON Label Remover quickly and easily removes paper labels and residues of acrylate and caoutchouc-based pressure-sensitive adhesives.

Label Remover is suitable for many surfaces such as glass, metal, wood, foil and plastic. WEICON Label Remover easily and safely removes adhesive labels, price tags (e.g. incorrect labels), address and product stickers, identification labels, and label residues. It also removes adhesive residues from foil labels such as vignettes on car windshields.

- 500 ml

10019354



Chewing Gum Remover

Including special spatula

Chewing Gum Remover even removes old chewing gum and plasticine residues. The chewing gum and plasticine residues are frozen when sprayed on with WEICON Chewing Gum Remover and can be detached immediately and without damaging textiles or floor coatings.

WEICON Chewing Gum Remover removes chewing gum and plasticine residues from upholstered furniture, bus seats (rigid foam), school chairs and tables, textile floorings of all types and elastic and hard floor coverings such as wood and stone floors, PVC and linoleum flooring.

- 400 ml

10021065



Mould Release Agent

Silicone-free sliding and release agent

Mould Release Agent is a silicone-free sliding and release agent. The high-grade combination of active ingredients, consisting of pure natural products, has a high sliding effect which prevents its adhesion to plastics, moulds, metals and tools.

WEICON Mould Release Agent can be used in plastic processing and for spraying, pressing, and vacuum deforming.

- 400 ml

10000154





Anti-Spatter Spray

Silicone-free

WEICON Anti-Spatter Spray contains no silicone and is perfect for cleaning welding nozzles. It also protects workpieces to be welded from the adhesion and penetration of weld spatter without impairing the welding seam.

Anti-Spatter Spray prevents welding spatter from sticking to gas nozzles and the surfaces of workpieces, provides seamless protection during the welding process and eliminates the need for subsequent cleaning of the workpieces with a spatula, brush or chisel. Post-treatment of the workpieces such as bronzing, galvanising, anodising or painting is possible without special cleaning. However, cleaning, e.g. with WEICON Cleaner Spray S, may be necessary in the case of excessive spraying.

- 400 ml

10000160





Anti-Spatter Spray HP

long-lasting effect | transparent | silicone-free

WEICON Anti-Spatter Spray HP is a high-quality release agent and lubricant and is used for cleaning welding tips, welding nozzles and gas nozzles. It also protects workpieces and surfaces to be welded from the adhesion and penetration of weld spatter without impairing the weld seam.

The silicone-free Anti-Spatter Spray provides long-term protection for the treated surfaces. Using the spray minimises downtimes and interruptions in the production process for cleaning the welding equipment.

The spray is excellent for use on stainless steel, but can also be applied to many other materials, such as aluminium, structural steel or non-ferrous metals.

The use of the spray eliminates the need to clean the workpieces with a spatula, brush or chisel. Post-treatment of the workpieces (such as bronzing, galvanising, anodising or painting) is possible without special cleaning.

Cleaning, e.g. with WEICON Spray Cleaner S, may be necessary in the case of excessive spraying.

- 400 ml

10101563



Ceramic Anti-Spatter Spray

High-temperature-resistant release agent | protective coating for MIG/MAG welding processes

WEICON Ceramic Anti-Spatter Spray is a high-grade release agent and lubricant, which is suitable for extremely high pressures and temperatures. The spray is a ceramic protective coating for MIG/MAG welding processes. It forms an anti-spatter dry film, which prevents the adhesion of welding spatter. That way, welding tips and gas nozzles are protected. The use of the spray minimises downtimes and interruptions in the production process to clean the welding equipment.

Ceramic Anti-Spatter spray is silicone-free. It protects welding heads on welding robots, welding tips and gas nozzles as well as sensitive equipment, cables, sensors etc. against the adhesion of welding spatters. It is also suitable for applications in plasma and laser cutting, brazing, aluminium extrusion, the foundry industry, sinter metallurgy, the glass industry and high-temperature furnace construction.

- 400 ml

10060631





Release Agents

Alu Grinding Protection

Effective with all abrasives | silicone-free

WEICON Alu Grinding Protection works like a cooling lubricant and separating agent during the grinding process. It lowers the temperature at the contact point and forms a silicone-free anti-adhesive layer on the abrasive material. The use of WEICON Alu Grinding Protection avoids clogging, and the pores of the grinding media remain open.

WEICON Alu Grinding Protection greatly increases the tool life of an abrasive disc and the grinding performance can be increased by up to 350%. It can be used for all abrasive materials on foundations such as fibre wheels, sheeting, endless grinding bands, abrasive sleeves, orbital sanders, and special machines.

- 400 ml

10018628





Angle grinding test

For the sanding of aluminium, abrasive flap wheels are used on all common angle grinders powered by an electric motor or compressed air.

Test components were:
- angle grinder (1,400 W)
- flap wheel Ø 125 mm, 60 grit
- approx. 10,000 RPM
- contact pressure approx. 4 kg
- aluminium block (AlSi9Cu3)

By using Alu Grinding Protection, the removal rate could be increased by up to 350 %.



VIDEO

W 44 T® Multi-Spray

Multifunctional oil with multiple effects

WEICON W 44 T® is a multifunctional product which, thanks to its special formula and outstanding capillary action, combines corrosion protection, water repellency, lubrication, conservation and cleaning in a single product.

WEICON W 44 T® loosens seized threads, bolts, fittings and valves, penetrates and dissolves rust, dispels moisture from electrical contacts, prevents tracking currents and makes it easier to start wet motors. W 44 T® can also be used as cutting oil for drilling and cutting processes. It eliminates squeaky and creaky noises on hinges, guides, bearings and all types of joints and couplings. It cleans soiled metal surfaces and leaves a long-lasting razorthin film which does not smear or stick and does not attract dust. It protects and preserves all types of tools, machines, and electrical and mechanical precision devices and keeps them functional. The use of WEICON W 44 T® has almost no limitations in workshop, automotive, shipping, electrical, agricultural, household and hobby applications.

▸ 50 ml	▸ 200 ml	▸ 400 ml	▸ 500 ml
10014593	10015286	10001023	10039121



W 44 T®-Fluid

Multifunctional oil for sensitive areas

W44T-Fluid is a physiologically harmless multifunctional oil and has an NSF registration for the foodstuffs sector. This means that it can be used in the foods and beverages industry and in the pharmaceuticals and cosmetics industries. The resin and acid-free oil unites lubrication, water repellency, corrosion protection, cleaning and conservation in one product due to a special active ingredient formula and excellent capillary action.

W44T-Fluid loosens seized screw connections, bolts, fittings, locks and valves, and penetrates and dissolves rust. It displaces the humidity from electrical contacts, prevents leakage current and facilitates the start-up of wet motors. The oil removes squeaking and creaking noises on hinges, guides, bearings and all types of joints and couplings. It cleans contamination and metal surfaces and leaves a durable, thin film, which does not smear or stick or attract dust, and which protects and maintains all tools, machines, electrical and mechanical precision devices and keeps them functional.

Due to its special formula and the resulting NSF registration, W 44 T Fluid can contribute towards the improvement of workplace safety and health protection.

▸ 400 ml
10039113







Lubricating and Multifunctional Oils

AT-44 Allround-Spray

With PTFE super power

WEICON AT-44 is an allround spray with PTFE and without silicone which, thanks to its special formula and very low friction coefficient, combines corrosion protection, cleaning, water repellency, lubrication and conservation in a single product. AT-44 loosens seized threads, bolts, fittings and valves, dispels moisture from electrical cables, prevents tracking currents and makes it easier to start wet motors. It eliminates squeaky and creaky noises on hinges, guides, bearings and all types of joints and couplings. It cleans soiled surfaces and leaves a razor-thin film which does not smear or stick and does not attract dust. It protects and preserves all types of tools, machines, and electrical and mechanical precision devices and keeps them functional.

WEICON AT-44 knows almost no limitations in workshop, automotive, shipping, electrical, agricultural, household and hobby applications.

▸ 150 ml 10000149
▸ 400 ml 10000150



VIDEO





Cutting Fluid

High-performance cutting oil | excellent lubrication | free from mineral

WEICON Cutting Fluid contains no mineral oil. Thanks to its exceptionally high lubricating effect, it enables higher cutting speeds, longer tool life and therefore greater cutting performance.

WEICON Cutting Fluid can be used for drilling, turning, milling, reaming, sawing, punching and thread cutting of all types of steel, cast iron, stainless steel, copper, brass, aluminium and their alloys in all areas of industry.

▸ 400 ml 10000161

Bio-Fluid

High-purity mineral oil

WEICON Bio-Fluid is a medically pure white oil containing no resins or acids which was specially developed for lubrication and care. It is water-clear, free of solvents, odourless and tasteless, and water-repellent. It shows excellent capillary action and has an NSF registration. Bio-Fluid reduces friction and wear, suppresses squeaky noises, protects against corrosion and removes dirt and rust.

Bio-Fluid can be used for the lubrication, protection and maintenance of precision mechanisms, as a spray oil for production and filling plants, and as a lubricant for filling and packaging systems. It can be used wherever occasional, technically unavoidable contact with food or its packaging can occur. WEICON Bio-Fluid was developed for applications in the food, beverage, pharmaceutical and cosmetic industries.

▸ 200 ml 10027448
▸ 500 ml 10000158

Cutting Fluid for Stainless Steel NEW

High-performance lubricant | reduces friction and wear | silicone-free

WEICON Cutting Fluid for Stainless Steel is a high-performance lubricant for all types of metalworking, both non-cutting and cutting. It reduces wear on workpieces and tools. It decreases friction and heat generation on metal parts. The transparent special oil extends the service life of cutting tools and drills. Thanks to its high adhesive strength, the pressure-resistant cutting fluid prevents drill tools from slipping and protects surfaces from damage. It increases the efficiency and precision of cutting tools, delivering optimal results. It is permanently temperature-resistant up to +200 °C. It can be used in metalworking for all cutting operations such as drilling, turning, sawing, milling, reaming, threading or punching. The silicone-free spray is suitable for use on stainless steel, all types of steel, copper, aluminium, titanium, brass and cast iron. The drilling and cutting oil can be used in metalworking and many other industrial applications.

▸ 400 ml 10105121





Silicone-Fluid

Special sliding and lubricating agent for sensitive areas

WEICON Silicone-Fluid is a special, physiologically harmless sliding agent and lubricant for sensitive areas. It has an NSF H1 registration for the foodstuffs industry, and can therefore be used in the foods and beverages industry and in the pharmaceuticals and cosmetics industries.

Silicone-Fluid is used as a separating, protection and care agent and can be used on very different surfaces such as plastic, metal, stainless steel and rubber.

Silicone-Fluid has a durable and good surface quality and is temperature-resistant up to +250°C (+482°F). Due to its special formula and the resulting NSF H1 registration, WEICON Silicone-Fluid can contribute towards the improvement of workplace safety and health protection.

► 400 ml
10009519



Silicone Spray

Sliding and release agent

WEICON Silicone Spray is a sliding and release agent as well as a preservative and care product for plastic, rubber and metal.

WEICON Silicone Spray provides a durable separating film and good surface properties. Silicone Spray prevents the formation of adhesive residues on presses and guides, prevents products from sticking to conveyor belts, chutes and sliding ways, protects electrical contacts from moisture, preserves rubber, plastic and metal parts, protects rubber parts from becoming brittle, freezing and sticking and allows sunroof rails, seat tracks and seatbelt rollers to run smoothly.

► 400 ml
10000152

Pneuma-Lube

Lubricant for pneumatic equipment | high content of PTFE

As a lubricating and corrosion protection agent, this product is the universal problem-solver for all moving parts in pneumatic equipment and accessories. Its special product formula with a high content of PTFE makes it a multi-purpose product for: lubrication, corrosion protection, cleaning, water repellency and conservation.

Pneuma-Lube not only serves in installation or maintenance of pneumatic equipment and accessories but can also be used on pneumatic tools in operation. The excellent weathering resistance allows the use also in other sectors, e.g. in the on- and offshore industry.

► 400 ml
10010547

Fitting Spray

Free of silicones and resins

WEICON Fitting Spray is a maintenance and care product with good adhering properties, which contains no silicone, resin, acid or solvents. Thanks to its special creeping and water-repellent properties, WEICON Fitting Spray reduces friction and wear and suppresses squeaky noises.

WEICON Fitting Spray is weather-resistant, protects against corrosion, and loosens dirt. It can be used for the lubrication, servicing and maintenance of fittings on windows, doors, gates, garages, tilt-and-turn hinges and shear fittings in many industrial applications.

► 200 ml
10028235







Lubricating and Multifunctional Oils

PTFE-Spray

Grease-free | excellent sliding properties (non-stick)

WEICON PTFE-Spray is a grease-free PTFE based dry lubricant with excellent sliding properties. WEICON PTFE-Spray adheres to all metal, plastic and wood surfaces. Its high PTFE content greatly reduces the friction coefficient. The coating repels dirt, dust and water and is resistant to oils, greases and many chemicals.

PTFE-Spray can be used on runners and guides, conveyor belts, transport rollers, slides, windows, cutting tools and packing machines. It can also be used as a permanent lubricant for shafts in plastic bearings, as a water-repellent coating for paper seals, cork seals and seal packaging, as a substitute for release agents containing silicone, and wherever oil or grease lubrication is not permitted or desired. The product can be used in many industrial applications.

- 400 ml

10000151

VIDEO

PTFE-Fluid

Dry lubricant for sensitive areas

PTFE-Fluid is a special dry lubricant with strong anti-adhesive effect, and has an NSF registration for the foodstuffs sector. This means that it can be used in the foods and beverages industry and in the pharmaceuticals and cosmetics industries.

Due to the high proportion of PTFE, the spray provides an anti-adhesive effect, through which the friction value on the coated surfaces is substantially reduced. PTFE-Fluid is grease-free and adheres to all metal, plastic and wooden surfaces. The coating repels dirt, dust and water and is resistant against oils, greases and many chemicals. Due to its special formula and the resulting NSF registration, WEICON PTFE-Fluid can contribute towards the improvement of workplace safety and health protection.

The spray can be used as permanent lubrication in many sensitive industrial areas such as on sliding and running rails and guides, on conveyor belts, transport rollers and slides, on tilt mechanisms, locks and hinges, on cutting tools and packaging machines, for shafts in plastic bearings and as a coating for solid seals and assembly aids for seal packs.

- 400 ml

10039115



Anti-Friction Spray MoS_2

Dry lubricant

Anti-Friction Spray MoS_2 is a grease-free dry lubricant with pressure and temperature resistance from -200°C (-328°F) to +450°C (842°F). The layer repels dust, dirt and water, resists oils, greases and many chemicals and adheres to metals, plastics and wood surfaces.

The high portion of MoS_2 provides clean sliding lubrication, reduces friction, has excellent emergency running properties and reduces running noises.

WEICON Anti-Friction Spray MoS_2 shortens and improves the slide-in conditions for sliding bearings, gears and other slide pairings, particularly at high pressure load and low sliding speed.

WEICON Anti-Friction Spray MoS_2 can be used on sliding and running rails and guides, conveyor belts, transport rollers and slides, as a coating for cutting, on loading technology products, as a substitute for release agents containing silicone, and wherever oil or grease lubrication is not permitted or desired.

- 400 ml

10029748





Top-Lube

Excellent capillary action

Top-Lube is a synthetic, transparent adhesive lubricant for the permanent lubrication of all types of highly stressed mechanical parts.

WEICON Top-Lube has a high adhesive and spinning strength and shows outstanding capillary action. It is pressure-resistant, water-repellent and can also be used during on-going operation in compliance with the respective safety regulations. It does not attack the following plastics and elastomers: PTFE, PE, PA, fluorinated -, butadiene and silicone rubber, and polychloroprene. The following materials have a limited resistance: PE-LD, POM, PP, NBR.

WEICON Top-Lube can be used on power-transmitting bolts, gearwheels, worm gears, fast-running machine parts, joints, couplings, rollers, ball bearings and spring assemblies in many industrial applications.

► 400 ml
10000156

Chain and Rope Lube Spray

Adherent and high-pressure-resistant

WEICON Chain and Rope Lube Spray is a synthetic, transparent adhesive lubricant for the permanent internal and external lubrication of all types of highly stressed chains and wire ropes.

Chain and Rope Lube Spray is particularly strongly adherent, shows excellent capillary action, suppresses noise, repels water and prevents elongation, friction and wear.

WEICON Chain and Rope Lube Spray can be used on all types of chains and wire ropes, gearwheels, worm gears, fast-running machine parts, joints, couplings, rollers, ball bearings and spring assemblies in many industrial applications.

► 400 ml
10000155

Universal Spray-on Grease with MoS_2

High-pressure-resistant

WEICON Universal Spray-on Grease with MoS_2 is a high-pressure-resistant and strong long-term lubricant which reduces friction and wear for prolonged periods.

WEICON Universal Spray-on Grease with MoS_2 is suitable for rolling and slide bearings, joints, levers, sliding guides, spindles, camshafts, spline shafts, springs, exposed gears and worm gears and at all sliding speeds permitted for grease lubrication. WEICON Universal Spray-on Grease with MoS_2 can be used in the industrial and building sectors, in rolling mills, machine tools, agricultural and construction machines and in road and rail vehicles.

► 400 ml
10019872

NSF
Nonfood Compounds
Program Listed **H2**
Registration **152617**
NO FOOD CONTACT



Top-Lube-Fluid

Adhesive lubricant for sensitive areas

Top-Lube Fluid is a special adhesive lubricant and has an NSF registration for the foodstuffs sector, meaning that it can be used in the food and beverage industry and in the pharmaceuticals and cosmetics industries.

Top-Lube Fluid is particularly adherent and pressure-resistant, shows excellent capillary action, and is also noise-dampening and water-repellent. The spray prevents elongation, friction and wear.

Due to its special formula and the resulting NSF registration, WEICON Top-Lube Fluid can contribute towards the improvement of workplace safety and health protection. The spray can be used on toothed wheels and worm gears, on joints and couplings, on rollers and bearings, on chains and wire cables or on spring assemblies as well as in numerous industrial fields.

► 400 ml
10039117





Grease Sprays

Adhering Grease extra strong

Also for underwater applications

WEICON Adhering Grease extra strong is a special lubricant and corrosion protectant even for underwater applications. It provides effective protection against aggressive fluids in maritime applications and in wet plants.

Adhering Grease extra strong is suitable for rolling and sliding bearings even in mixed friction operation, for joints, levers, sliding guides, spindles, spline shafts, exposed gears, worm gears, chains and wire cables and at all sliding speeds permitted for grease lubrication. The product can be used in many applications.

- 400 ml

10019873

Spray-on Grease white

All-purpose sprayable grease

Spray-on Grease white is a multi-purpose sprayable grease with an outstanding adhering strength and excellent aging and pressure resistance. The addition of special wear-reducing and corrosion-inhibiting additives results in temperature stability from -20°C to +150°C (-4 to +302°F) in combination with a long service life. As usual with transparent products, a visual inspection is possible at all times.

WEICON Spray-on Grease white can be used for the long-term lubrication of rods, gearwheels, rollers, ball bearings, hinges, guides and all types of joints and couplings in many industrial applications.

- 400 ml

10007039

Spray-on Grease H1

High-temperature grease

WEICON Spray-on Grease H1 is an odourless and tasteless grease that has been specially formulated to meet the requirements of the food, cosmetic and pharmaceutical industry. It is high-temperature-resistant and has an NSF registration.

Spray-on Grease H1 is particularly suited for servicing and maintenance in breweries and in the beverage industry, in industrial slaughterhouses, canneries, coffee-roasting establishments, industrial kitchens, swimming pools, hotels, hospitals and wherever direct contact with food cannot be excluded.

Due to its special formula and the resulting NSF registration, the Spray-on Greas H1 can contribute towards improvements in occupational safety and health protection.

- 400 ml

10021359





Anti-Seize Assembly Spray

Reliable protection against corrosion, seizing and cold welding

WEICON Anti-Seize Assembly Spray is high-temperature-resistant and has excellent separating characteristics.

WEICON Anti-Seize is used as a protecting, separating and lubricating agent for highly stressed parts. Ideally compatible solid contents and selected additives enable a wide range of usage.

WEICON Anti-Seize protects against corrosion, seizure and wear, stick-slip phenomena, oxidation, fretting corrosion and electrolytic reactions („cold welding"). The product can be used in many industrial applications.

- 100 ml — 10000216
- 400 ml — 10000219





Anti-Seize Assembly Spray High-Tech

Metal-free

WEICON Anti Seize "High-Tech" is high-temperature-resistant, has excellent separating characteristics, is metal-free, neutral to materials and has an NSF registration.

Anti-Seize High-Tech is a dry lubricant paste for metal screw connections and particularly suitable when metal-containing pastes can cause electrolytic reactions, when nickel-containing products should or may not be used due to health reasons and when dark metal-containing products should or may not be used for visual reasons.

- 400 ml — 10000221

Copper Paste Assembly Spray

Protecting, separating and lubricating agent for highly stressed parts in high-temperature applications

WEICON Copper Paste Assembly Spray is a protecting, separating and lubricating agent which is high-temperature-resistant, corrosion-resistant and strong. It contains no sulphur, lead or nickel.

Copper Paste Assembly Spray is used as an assembly lubricant for all kinds of threaded joints and sliding surfaces. It forms an effective lubricating and separating film which protects the functional surfaces on plug-in tools, wear bushings, screws, and all kinds of threaded, plug-in and bayonet joints against corrosion and seizing.

It can be used to reduce vibration on brake blocks and guides, brake cams and pins, car and truck battery terminals and other electrical connections, wheel bolts and nuts, and on wear bushings at electrical, compressed air and hydraulic hammers.

- 400 ml — 10025953

Sales-Display

▸ 500 ml Spray	10036464
▸ 400 ml Spray	10034409

Inlay 400 ml

▸ Multi-Foam	10034614
▸ Citrus Cleaner	10034613
▸ AT-44	10034612
▸ W 44 T®	10034611
▸ Surface Cleaner	10034610
▸ Silicone Spray	10034609
▸ Zinc Spray bright grade	10034608
▸ Rust Converter	10049832
▸ Allround Sealing Spray	10052152

Inlay 500 ml

▸ W 44 T®	10045852
▸ Industrial Cleaner	10056600
▸ Cleaner Spray	10039890





Assembly Sprays and Adhesive Sprays

Adhesive Spray extra strong

Special product for strong and reliable adhesions

Adhesive Spray extra strong is a special formula for strong and permanent bonds on rough and uneven surfaces. A special valve allows the adhesive quantities to be adjusted with infinite variability.

WEICON Adhesive Spray extra strong can be used for the bonding of felt, PVC foil, imitation leather, carpets, plastics, cardboard, foam and cellular rubber, insulating materials, soft foam, vinyl, leather, rubber, metal and wood. It is also suitable for large-area adhesive bonding.

- 500 ml

10024662



Adhesive Spray

Universal use

WEICON Adhesive Spray can be used universally and bonds light materials to themselves and among each other.

Adhesive Spray is suitable for the bonding of numerous materials such as paper, cardboard, pasteboard, wood, thin veneers, cork, leather, textiles, felt, soft foam, rubber, foam rubber, and plastic film (except for PVC and polyethylene). It is especially suited for the bonding of hard foam (e.g. polystyrene).

- 500 ml

10000162



Adhesive Spray for detachable joints

Transparent

WEICON Adhesive Spray for detachable joints is especially suited for detachable and adjustable joints. It is colourless, does not soak through or cause discolouration, and does not leave a wavy surface, even when used on thin materials.

Adhesive Spray for detachable joints can be used to bond paper, cardboard and foils. The joint is detachable when the spray is applied to one side; applying the spray to both sides makes the joint permanent.

WEICON Adhesive Spray for detachable joints can be used, for example, to fuse templates, billboards, posters, photos, decorations in trade show construction, layouts and technical drawings.

- 500 ml

10024663

Adhesive Spray Textiles NEW

for removable, repositionable bonds | does not bleed through

Colourless, permanently bonding adhesive spray based on synthetic elastomers for removable, repositionable bonds – does not bleed through or discolour.

Fixes textiles securely to printing plates, holds them reliably in place during the printing process and leaves no marks on the fabric. The special fan spray head can be set to either vertical or horizontal adhesive discharge.

Depending on the fabric, up to 12 m² of material can be fixed. Resistant to temperatures from -20 °C to +65 °C (-4 °F to +149 °F). WEICON Adhesive Spray Textiles is perfect for fixing textiles to printing plates and for precise multiple prints. It is also suitable for flash dryers.

- 500 ml

10101673





VIDEO

Leak Detection Spray

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | anti-corrosive

The spray is used for the fast, convenient and reliable location of leaks (cracks or porous spots) in pressurized pipes.

WEICON Leak Detection Spray does not form any hazardous compounds with carbon dioxide (CO_2), propane, butane, acetylene, oxygen, city or natural gases. Leak Detection Spray can be used wherever compressed air, natural or liquid gas is processed, and wherever leaky points can occur on fittings, threated joints, and connections. It greatly contributes to the safety of pneumatic brakes and gas lines.

- 400 ml

10002904



Leak Detection Spray frost-proof

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | anti-corrosive | frost-proof up to -15°C (+5°F)

The safe, easy and quick way to find leaks or porous spots on gas pipes. Leak Detection Spray frost-proof does not form any harmful compounds with these gases: carbon dioxide (CO_2), propane, butane, acethylene, oxygen, coal and natural gas, nitrogen, dinitrogen monoxide (N_2O) and CFC and is non-flammable.

Leak Detection Spray frost-proof is suitable wherever compressed air or gaseous substances are being used. For example, it can be used on pipes, hoses, fittings, screw connections, valves and adapters.

- 400 ml

10051122

-15 °C
(+5 °F)

Leak Detection Spray viscous

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | anti-corrosive | non-drip

WEICON Leak Detection Spray viscous is the quick, easy and reliable way to find leaks in gas and compressed air pipes and fittings. The spray does not form harmful compounds with the following gases: carbon dioxide (CO_2), propane, butane, acethylene, oxygen, coal and natural gas, nitrogen, dinitrogen monoxide (N_2O) and CFC and it is non-flammable.

The spray is applicable wherever compressed air or gaseous substances are being used. Typical application areas for the spray are pipes, hoses, fittings, screw connections, valves and adapters.

- 400 ml

10033507



Leak Detection Sprays and Crack Testing Agent

Crack Testing Agent

1 & 3

Cleaner

Material-neutral special cleaner for the dye penetrant test. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

- 500 ml

10047463

2

Penetrant

Red diffusion agent with excellent capillary action for the non-destructive material testing - washes off with solvent. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

- 500 ml

10047461

4

Developer

Colourfast special developer on solvent basis for dye penetrant tests. Suitable for metals, many plastics, ceramic materials, glass etc. The suitability for plastic has to be tested in advance.

- 500 ml

10047462

ALSO AVAILABLE AS SET

10049835

The WEICON Crack Testing Agent Set comprises:
1 x 500 ml Cleaner (10047463)
1 x 500 ml Penetrant (10047461)
1 x 500 ml Developer (10047462)



Standards and regulations
Sample-tested according to DIN EN ISO 3452-2. Low sulphur and halogen content, according to DIN EN ISO 3452-2 and ASME-Code, Section V, Article 6. T641,07-2015.













Laser Marking Spray NEW

Enhances contrast | highly versatile | suitable for various types of lasers

WEICON Laser Marking Spray was specially developed for high-quality, permanent and precise laser engravings. The spray is versatile in use and improves the contrast, legibility and quality of laser markings on a wide range of materials. It can be used on steel, stainless steel, copper, brass, aluminium, glass and ceramics.

When applied to the surface to be marked, the spray creates a thin, highly resistant layer. During laser marking, the material bonds with the surface to create a deep black, high-contrast marking that meets the highest standards. Thanks to the innovative formula, the spray produces an extremely scratch-resistant, chemically resistant and UV-resistant marking layer.

WEICON Laser Marking Spray is suitable for various laser types, such as CO_2 lasers, fibre lasers and diode lasers. It is used in industrial applications as well as for individual customisation and decoration. The spray withstands extreme temperatures ranging from -200 °C to +450 °C, with brief resistance up to +500 °C.

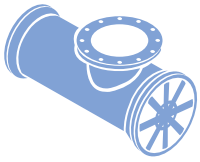
- 400 ml

10105130

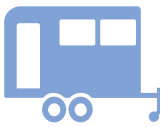
Allround Sealing Spray

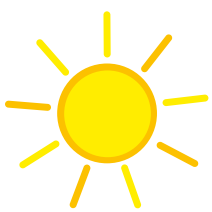














Paintable | for indoor and outdoor use

WEICON Allround Sealing Spray is a sprayable plastic with high adhesive strength for the sealing of leaks. It has been developed especially for the sealing of the finest cracks and seams indoors and outdoors.

It can be used for the sealing of many different things, like gutters, sewage and drainage pipes, caravans, mobile homes, boats, roofs, windows, pool walls, pond foils, cell shafts and ventilation shafts.

The spray is paintable, waterproof and weather- and UV-resistant. It protects metals against corrosion and is free of bitumen and silicone. Allround Sealing Spray adheres to many surfaces, like stone, metal, plastic, wood, enamel, and many more.

▸ 400 ml	▸ 400 ml	▸ 400 ml
10052245	10049571	10052243
black	grey	white

VIDEO



Special Sprays





Activating Cleaner

Cleaner and primer in one product | for the pretreatment of bonding surfaces

Universal cleaning and bonding agent rolled into one product. Specially developed for the pre-treatment of smooth surfaces, such as stainless steel, glass and plastics. The spray is used for an optimum preparation of non-absorbent surfaces. Cleaning and activation of non-porous substrates is carried out in just one step. The spray can improve the adhesive strength of the adhesive used, if necessary.

The Activating Cleaner has a short flash-off time and can be applied quickly and easily. This makes it ideal for use in industrial series production with short cycle times or for bonding applications that have to be carried out at short notice.

- 400 ml

10062859



Starter-Spray

For all combustion engines

WEICON Starter Spray is suitable for the easy and safe starting of combustion engines. The safe cold starting of all engines is made possible by a special combination of ingredients.

Starter Spray is ideal at low temperatures, in damp weather or after longer engine downtimes. The spray protects both the engine and the battery. Starter Spray is suited for both diesel and petrol engines. Whether with or without a catalytic converter, whether a motor vehicle, construction machinery, agricultural machinery, chain saws, lawn mowers, boat engines, motorcycles or scooters – WEICON Starter Spray can be used everywhere.

- 400 ml

10030465

Smoke Detector Test Spray

Silicone-free | evaporates without leaving residues

WEICON Smoke Detector Test Spray is ideal for a secure checking of the correct functioning of optical or photoelectrical smoke detectors and smoke switches.

The use of Smoke Detector Test Spray does not contaminate the detectors as the spray evaporates completely without residues.

The spray can be used wherever photoelectric smoke detectors are employed, for example in industrial plants, public facilities and private households.

- 150 ml — 10031819
- 250 ml — 10027381



Freeze Spray

VIDEO

Precise chilling down to -45°C (-49°F)

WEICON Freeze-Spray has many uses and is suitable for fault-finding in electronics and for repair works in industrial sector.

Freeze Spray quickly cools parts down to -45°C (-49°F) and allows pin-pointed chilling of even the smallest construction parts.

WEICON Freeze Spray is non-conductive and neutral to materials (with the exception of plastic) and can be used in many industrial and technical applications.

- 400 ml

10011613



VIDEO

Silicone-Fluid

Excellent sliding and separating effect | temperature resistance from -30°C to +250°C (-22°F to +482°F)

- 400 ml

10009519

Rust Loosener Fluid

Penetrates into the smallest cavities | secures the function of mechanical parts and electrical contacts | protects against corrosion and oxidation

- 400 ml

10039111

Spray-on Grease H1

High-temperature-resistant | odour- and tasteless | NSF-H1 registration

- 400 ml

10021359

Metal-Fluid

For matt and polished surfaces | for stainless steel, ceramics, glass, plastics, wood | NSF-A7 registration

- 400 ml

10016338

PTFE-Fluid

Repels dirt, dust and water | resistant against oils, greases and many chemicals | NSF-H2 registration

- 400 ml

10039115

Foam Cleaner

Special cleaner for the food industry | universally applicable | NSF A1 registration

- 400 ml

10050556

Bio-Fluid

High lubricating effect and good capillary action | high-purity medical white oil | NSF-H1 registration

- 500 ml

10000158

Fast Cleaner

pH-neutral and material-compatible | can be used on many different materials such as metals, glass, ceramics and most rubbers and plastics | NSF-A1 registration

- 500 ml

10039119

Industrial Cleaner

Powerful special cleaner with high yield

- 500 ml

10055297

Top-Lube-Fluid

Particularly adherent and pressure-resistant | noise-dampening and water-repellent | prevents elongation, friction and wear

- 400 ml

10039117

W 44 T®-Fluid

Resin- and acid-free | excellent capillary action | lubrication, water repellency, corrosion protection, cleaning and conservation in one product

- 400 ml

10039113

Anti-Seize High-Tech

White assembly paste, high-temperature-resistant | metal-free | NSF-H1 registration

- 400 ml

10000221

Zinc Spray

Long-term cathodic corrosion protection | paintable | >1050 in the salt spray test according to DIN EN ISO 9227

- 400 ml

10000016

Zinc Spray bright grade

Long-term cathodic corrosion protection | bright colour shade matching hot-dip galvanization

- 400 ml

10000047

Technical Sprays for Sensitive Areas





Technical Sprays

for sensitive areas

With our selection of chemo-technical products with food certifications, we ensure that you get the right products for your production, maintenance and repair which meet your exact requirements quality- and safety-wise.

We have developed a variety of special products for the most different applications which meet the high standards of the National Sanitation Foundation (NSF). These products can be used in sensitive areas such as food production, food and beverage industry and the pharmaceutical and cosmetic industry. Here our adhesives and sealants, assembly pastes or cleaners can be applied in the different areas of production.

NSF®

Lubricants, Release Agents and Anti-Corrosion Agents		
H1	Lubricants for use in food processing areas where accidental contact with food cannot be prevented.	Anti-Seize High-Tech | Bio-Fluid (Spray, Technical liquid) | Silicon-Fluid | Spray-on Grease H1 | Rust Loosener-Fluid | W 44 T®-Fluid
H2 (NO FOOD CONTACT)	Lubricants exclusively for areas in which direct or indirect contact with food can be ruled out.	PTFE-Fluid | Top-Lube-Fluid
R2	Coatings for use on structural surfaces, which do not come into contact with food. The product must be applied in a way that prevents direct or indirect contamination of food.	Zinc Spray | Zinc Spray bright grade
Cleaning Agents		
A1	Universal cleaner exclusively for areas in which direct contact with food can be ruled out. Surfaces and equipment must be rinsed thoroughly with drinking water after cleaning.	WEICON Fast Cleaner (Spray, Technical liquid) | WEICON Foam Cleaner
A7	Cleaning agent and polishes for metal surfaces without food contact. Odours must be dissipated completely before contact with food or packaging may occur.	WEICON Metal-Fluid (Spray, Technical liquid)
C1	Cleaner for use in non-food processing areas. Cleaned equipment must be rinsed thoroughly with drinking water before it is returned to food areas.	WEICON Metal-Fluid (Technical liquid)
K1 | K3	Solvent cleaner and degreaser for use in non-food processing areas. Solvent adhesive or glue remover without direct food contact.	WEICON Industrial Cleaner (Spray)



Universal Spatula white

10039185



Special spatula for the gentle removal of the most diverse contamination and residues. Suitable for use in the food industry.

EU Regulation 10/2011/EC plastics with food contact.



Technical Data

	Colour	Odour	Temp. resistance	Content	Shelf life (months)	Special features
Adhering Grease extra strong	beige	almost odourless	-25°C (-13°F) to +80°C (+176°F)	400 ml	24	adhering even under water
Activating Cleaner	transparent	solvent / alcohol	---	400 ml	24	cleaner and primer in one product; for the pretreatment of bonding surfaces
Adhesive Spray	beige	solvent	-20°C (-4°F) to +65°C (+149°F)	500 ml	12	large surface bonding of light materials
Adhesive Spray extra strong	yellowish	solvent	-20°C (-4°F) to +80°C (+176°F)	500 ml	12	bonding of big surfaces, even with absorbing materials
Adhesive Spray for detachable joints	colourless	solvent	-20°C (-4°F) to +50°C (+122°F)	500 ml	12	does not strike through nor leaves wavy surfaces
Adhesive Spray Textiles	beige	solvent	-20 °C *(-4 °F)* to +65 °C *(149 °F)*	500 ml	12	for removable, repositionable bonds, does not bleed through
Allround Sealing Spray	grey	solvent	-50°C (-58°F) to +100°C (+212°F)	400 ml	24	seals reliably and quickly
Alu Grinding Protection	colourless	solvent	-20°C (-4°F) to +130°C (+266°F)	400 ml	24	silicone-free
Anti-Friction Spray MoS_2	anthracite black	solvent	-200°C (-328°F) to +450°C (+842°F) briefly to +500°C (+932°F)	400 ml	24	dry lubricant on MoS_2 basis
Anti-Seize High Tech	white	medical white oil	-40°C (-40°F) to +1,400°C (+2.552°F)	400 ml	24	perfect protection against the seizing of high-alloy steels, NSF H1
Anti-Seize Assembly Spray	anthracite	synthetic oil mixture	-180°C (-292°F) to +1,200°C (+2.192°F)	400 ml	24	extremely high pressure resistance, corresponds to MIL907D
Anti-Spatter Spray	colourless	solvent	---	400 ml	24	silicone-free
Anti-Spatter Spray HP	transparent	almost odourless	---	400 ml	24	silicone-free, long-lasting protection
AT-44 Allround-Spray	yellowish	vanilla	-50°C (-58°F) to +210°C (+410°F)	150 ml 400 ml	24	high-performance lubricating oil with PTFE
Belt Dressing Spray	colourless	mineral oil	-40°C (-40°F) to +80°C (+176°F)	400 ml	24	suitable for highly-stressed powertransmission belts
Bio-Fluid	colourless	almost odourless	-25°C (-13°F) to +120°C (+248°F)	500 ml	24	corresponds to purity grade of DAB10, USDA H1, FDA Regulations, FDA positive list
Brake Cleaner	colourless	citrus	---	500 ml	24	evaporates without residues
Burner Cleaner	colourless	citrus	---	500 ml	24	evaporates without residues
Ceramic Anti-Spatter Spray	white	solvent	---	400 ml	24	excellent adhesion
Chain and Rope Lube Spray	colourless	mineral oil	-40°C (-40°F) to +200°C (+392°F)	400 ml	24	particularly adhesive, pressure-resistant, extremely high capillary action, sound-absorbent
Chewing Gum Remover	---	almost odourless	---	400 ml	24	removes even old chewing gum or modelling day residues
Citrus Cleaner	colourless	citrus	---	400 ml	24	evaporates without residues, pH neutral
Cleaner Spray S	colourless	orange	---	500 ml	24	evaporates without residues
Cockpit-Spray	colourless	citrus	---	400 ml	24	dust- and water-repellent colour-intensifying, silk-matt
Compressed-Air Spray	---	almost odourless	---	400 ml	24	cleans in a contact-free manner
Contact Spray	transparent	solvent	-20°C (-4°F) to +150°C (+302°F)	400 ml	24	dispels moisture, protects electrical contacts
Copper Paste Assembly Spray	copper	mineral oil	-20°C (-4°F) to +1.100°C (+2.012°F)	400 ml	24	high-temperature-resistant
Corro-Protection	colourless and magenta	solvent	-20°C (-4°F) to +80°C (+176°F)	400 ml	24	on a wax basis
Crack Testing Agent Cleaner	colourless	solvent	0°C (+32°F) to +50°C (+122°F)	500 ml	24	evaporates without residues
Crack Testing Agent Developer	white	solvent	0°C (+32°F) to +50°C (+122°F)	500 ml	24	reliable indication of material errors
Crack Testing Agent Penetrant	red	solvent	0°C (+32°F) to +50°C (+122°F)	500 ml	24	very good penetration properties
Cutting Fluid	colourless	mineral oil	up to +200 °C (392 °F)	400 ml	24	High-performance lubricant
Cutting Fluid for Stainless Steel	colourless	mineral oil	-40 °C (140 °F) to +200 °C (392 °F)	500 ml	24	decreases friction and heat generation on metal parts
Electro Contact Cleaner	colourless	solvent	---	400 ml	24	high-purity solvents
Fast Cleaner	colourless	solvent	-10°C to +50°C (+14°F to +122°F)	400 ml	24	NSF-A1 approval
Fitting Spray	colourless	odourless	-25°C (-13°F) to +120°C (+248°F)	200 ml	24	resin- and acid-free mineral oil
Foam Cleaner	white	odourless	---	400 ml	24	NSF-A1 approval



Technical Sprays

Technical Data

	Colour	Odour	Temp. resistance	Content	Shelf life (months)	Special features
Freeze Spray	---	almost odourless	---	400 ml	24	targeted cooling of even the smallest components down to -45°C (-49°F)
Hand Protective Foam	white	odourless	---	200 ml	24	with liposomes, dermatologically tested
Industrial Cleaner	colourless	solvent	---	500 ml	24	high performance, 95 % active ingredient content, NSF-K1,K3 approval
Isolation Spray	colourless	solvent	-40°C (-40°F) to +120°C (+248°F)	400 ml	24	high dielectric strength, material-compatible
Label Remover	colourless	citrus	---	500 ml	24	removes paper and foil labels with special spatula
Laser Marking Spray	anthracite, black	solvent	-200°C t +450°C, briefly up to +500°C	400 ml	24	improves the contrast, legibility and quality of laser markings
Leak Detection Spray	milky	almost odourless	0°C *(+5°F)* to +50°C *(+122°F)*	400 ml	24	DVGW-tested
Leak Detection Spray frost-proof	colourless	almost odourless	-15°C (+5°F) to +50°C (+104°F)	400 ml	24	DVGW-tested; frost-proof
Leak Detection Spray viscous	colourless	almost odourless	0°C (+32°F) to +50°C (+122°F)	400 ml	24	non-sag
Metal-Fluid	milky	almost odourless	---	400 ml	24	antistatic effect, NSF-A7 approval
Mould Cleaner	colourless	citrus	---	500 ml	24	removes waxes, oils, silicones and other impurities from moulds and tools
Mould Release Agent	colourless	solvent	-20°C (-4°F) to +130°C (+266°F)	400 ml	24	silicone-free
Multi-Foam	white	citrus	---	400 ml	24	powerful universal cleaner
Plastic-Cleaner	colourless	citrus	---	500 ml	24	for sensitive plastic surfaces
Pneuma-Lube	yellowish	vanilla	-50°C (-58°F) to +210°C (+410°F)	400 ml	24	high-performance lubricating oil with PTFE
PTFE-Fluid	whitish, transparent	almost odourless	-180°C (-292°F) to +260°C (+500°F)	400 ml	24	NSF-H 2 approval
PTFE-Spray	white	almost odourless	-180°C (-292°F) to +250°C (+482°F)	400 ml	24	dry lubricant on a PTFE basis
Rust Converter	beige, transparent	synthetic resin	-50°C to +80°C (-58°F to +176°F) (briefly <15 min. to +160°C/+320°F)	400 ml	24	rust converting, priming, sealing
Rust Loosener and Contact Spray	beige	petroleum	-20°C (-4°F) to +150°C (+302°F)	400 ml	24	sixfold function
Rust Loosener Fluid	beige	almost odourless	-20°C (-4°F) to +150°C (+302°F)	400 ml	24	loosens, lubricates, cleans and protects, NSF H1 approval
Rust-Shock	transparent	solvent	---	400 ml	24	removes rusted-tight screw connections of any type in seconds
Screen Cleaner	white	almost odourless	---	200 ml	24	also suitable for sensitive plastic and glass surfaces
Sealant and Adhesive Remover	pink	solvent	---	400 ml	24	powerful
Silicone Spray	colourless	solvent	-50°C (-58°F) to +250°C (+482°F)	400 ml	24	silicone oil basis
Silicone-Fluid	colourless	odourless	-30 to +250°C (-22 to +482°F)	400 ml	24	NSF-H1 approval
Smoke Detector Test Spray	colourless	solvent	---	150 ml 250 ml	24	silicone-free, evaporates without residues
Spray-on Grease H1	yellowish-white	almost odourless	-40°C (-40°F) to +160°C (+320°F)	400 ml	24	odour- and tasteless high-temperature grease, NSF-H 1 approval
Spray-on Grease white	white	solvent	-20°C (-4°F) to +150°C (+302°F)	400 ml	24	very good adhesive and lubricating properties
Stainless Steel Care Spray	colourless	almost odourless	-20°C (-4°F) to +130°C (+266°F)	400 ml	24	antistatic effect, indoors and outdoors
Starter-Spray	colourless	solvent	---	400 ml	24	for all combustion engines
Surface Cleaner	colourless	solvent	---	400 ml	24	before the application of WEICON Adhesives and Sealants
Top-Lube	colourless	mineral oil	-40°C (-40°F) to +200°C (+392°F)	400 ml	24	particularly adhesive, pressure-resistant, and water-repellent. With excellent capillary action
Top-Lube-Fluid	light yellowish	neutral	*-20°C to +250°C (-4°F to +482°F)*	400 ml	24	synthetic, transparent, NSF H2 approval
Universal Spray on Grease with MoS_2	black	almost odourless	-20°C (-4°F) to +120°C (+248°F)	400 ml	24	high-pressure-resistant, long-term grease
Visor Cleaner	white	almost odourless	---	200 ml	24	cleaning without residues and neutral to surfaces
W 44 T® Multi-Spray	yellowish	vanilla	-50°C (-58°F) to +210°C (+410°F)	200 ml, 400 ml, 500 ml	24	multifunctional oil with multiple effect
W 44 T®-Fluid	beige	almost odourless	-20°C to +150°C (-4°F to +302°F)	400 ml	24	loosens, lubricates, protects, separates and maintains, NSF H1 approval



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Technical Liquids

WEICON Technical Liquids

Economical | effective

Economic efficiency and health and safety at work - these are all requirements which every company has to fulfil to an increasing degree. That is why products and production systems that reach these requirements are becoming all the more important.

WEICON Technical Liquids meet the highest demands:

- they contain no flammable propellants
- no extensive or costly disposal is necessary
- emissions are reduced
- less packaging waste
- only the substance itself is processed



WEICON Technical Liquids are available for the following areas of application:

- cleaning and degreasing
- lubrication, care and maintenance
- release and separating
- surface and anti-corrosion coatings

Rust Converter*

neutralises rust | sprayable | provides a temporary protective coating

WEICON Rust Converter neutralises rust on corroded iron and steel surfaces and reliably stops corrosion. With its special formula of acid and tannin, the rust converter penetrates the rust. It chemically converts iron oxides into a stable layer and provides temporary corrosion protection through zinc phosphate.

Depending on the carbon content of the metal, the treated area changes colour to bluish, brownish or black. The layer provides the perfect base for subsequent protective coatings, e.g. with WEICON Zinc Spray. WEICON Rust Converter achieves optimal results on lightly rusted surfaces with a rust grade of A and B. Loose rust and loose parts should be removed mechanically beforehand. The converter only becomes active when applied to rust or metal and can be used extensively on all rusted areas, such as on machines and equipment, agricultural machinery and motor vehicles. Unlike other converters, WEICON Rust Converter can be washed off the treated surface with clean water and a sponge or soft brush once the reaction time is over. This way, residues that have formed during the conversion process are removed.

VIDEO

▸ 1 kg	▸ 5 kg	▸ 10 kg	▸ 28 kg
10053280	10053605	10053607	10053611



Rust Loosener

Sixfold function

WEICON Rust Loosener's sixfold function makes it indispensible for repairs, maintenance and servicing. Thanks to its excellent capillary action, WEICON Rust Loosener reaches even the smallest cavities.

WEICON Rust Loosener loosens rusted and stiff parts, screws, bolts, joints and hinges, permanently protects against corrosion and oxidation, durably lubricates sliding surfaces, cleans and maintains metallic surfaces and mechanical parts and is temperature-resistant from -20°C to +150°C (-4 to +302°F).

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007609	10000340	10000233	10053451



* Not to spray with WSD 400 and WPS 1500. Can be used with WEICON Pump Dispenser „Special“ (10000402).





Solvents



Rust Remover liquid

highly concentrated | removes rust from parts down to bare metal

WEICON Rust Remover liquid is a special concentrate for removing rust and corrosion. The highly concentrated dip is suitable for sheet metal and steel structures as well as a wide variety of metal parts and removes rust from surfaces down to the bare metal.

Rust Remover liquid can be used without special equipment and requires no special tools. The dip, which is based on an aqueous solution, is diluted with water for standard applications. Rusty parts can be immersed directly. The rust removal concentrate is also suitable for ultrasonic baths and can be reused several times.

The special dip is suitable for a wide range of industrial applications where rust and corrosion need to be removed. For example, it is ideal for removing rust from the inside of fuel tanks.

▸ 1 L	▸ 5 L
10101897	10101900

VIDEO



Rust Remover Gel

Best Of 2026 Heimwerker Praxis
Weicon Rostentferner Gel

high reaction speed | very economical | solvent-free

Gel for fast and reliable removal of rust and tarnish. The Rust Remover Gel can be used on ferrous steel, brushed stainless steel, copper, brass, chrome and silver. It has a high reaction speed, penetrates very well and is very economical. The gel removes tarnish in just a few seconds. With rust, the removal process can take between 15 minutes and 12 hours – depending on the degree of corrosion.

The blue gel does not need to be heated for application, but can be processed at room temperature. This solution is based on natural substances, is solvent-free and ensures gentle rust removal.

WEICON Rust Remover Gel can be used in various areas of industry and trade.

▸ 1 L	▸ 5 L
10101908	10101905

VIDEO



Aluminium Paint*



Effective | abrasion-resistant

Aluminium Paint is used as corrosion protection and for the optical enhancement of metallic surfaces. Upon contact with moisture, aluminium pigments form a dense, almost impermeable oxide layer on the surface which prevents further moisture penetration.

High abrasion resistance and a long colour shade guarantee are achieved by pigments which evenly distribute themselves throughout the entire coating upon application.

This protects WEICON Aluminium Paint against abrasion and chemical effects after it has thoroughly hardened.

▸ 375 ml	▸ 750 ml
10027113	10012085

Brushable Liquid Zinc Coating*



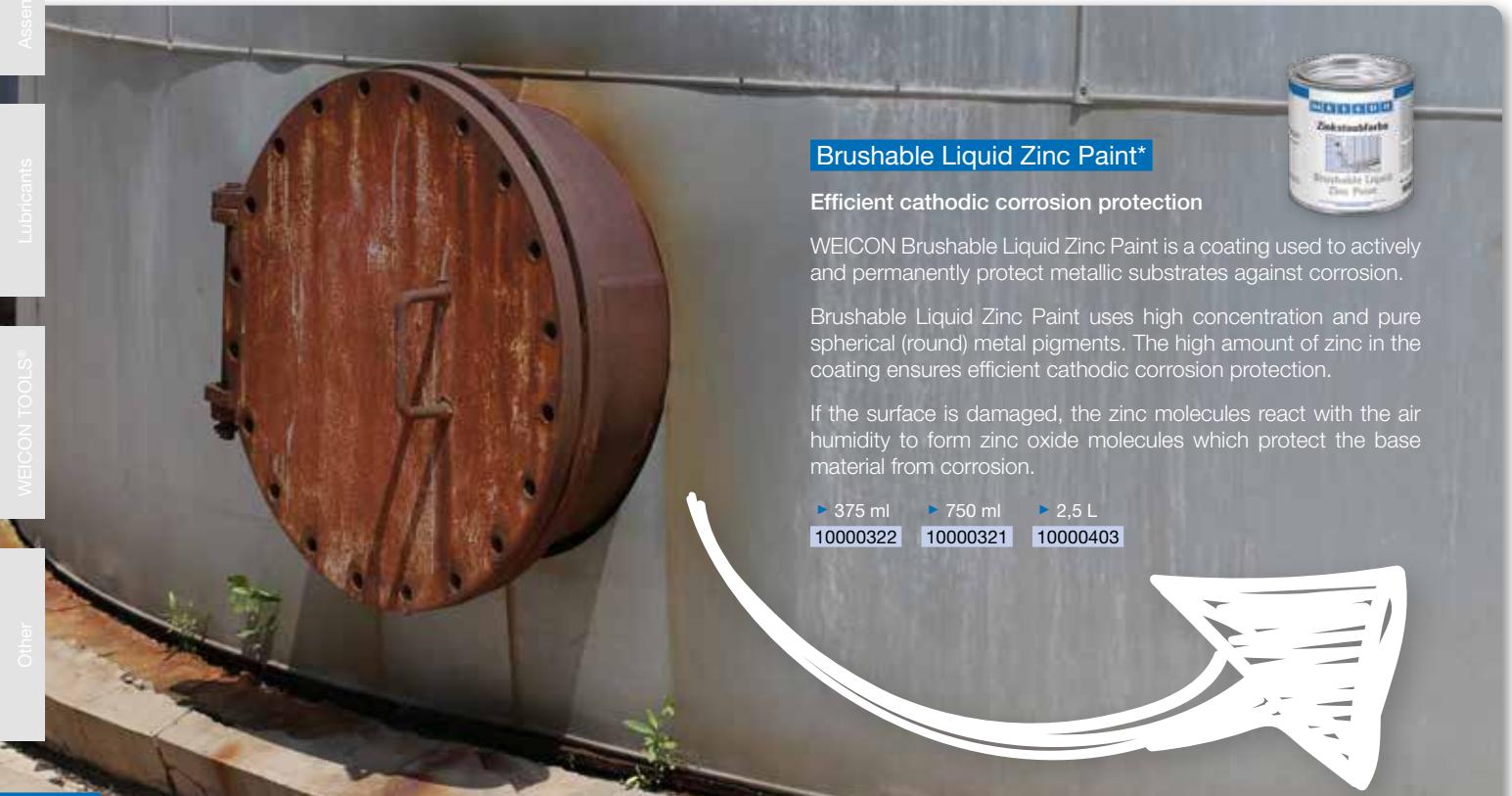
Repair for galvanized surfaces with a colour shade matching hot-dip galvanization

WEICON Brushable Liquid Zinc Coating provides active protection against corrosion for all metallic surfaces and is available in a colour shade matching the galvanization.

With Brushable Liquid Zinc Coating, flaky metal pigments settle parallel to the surface in several, spatially displaced layers on the substrate (shingle effect). This protects the surface longer from penetrating moisture. Optimal corrosion protection is achieved in connection with the simultaneous electro-chemical effect.

▸ 375 ml	▸ 750 ml	▸ 2,5 L
10000327	10000328	10000404

VIDEO



Brushable Liquid Zinc Paint*

Efficient cathodic corrosion protection

WEICON Brushable Liquid Zinc Paint is a coating used to actively and permanently protect metallic substrates against corrosion.

Brushable Liquid Zinc Paint uses high concentration and pure spherical (round) metal pigments. The high amount of zinc in the coating ensures efficient cathodic corrosion protection.

If the surface is damaged, the zinc molecules react with the air humidity to form zinc oxide molecules which protect the base material from corrosion.

▸ 375 ml	▸ 750 ml	▸ 2,5 L
10000322	10000321	10000403



Surface and Anti-Corrosion Coatings

Corro-Protection



Corrosion protection for indoor storage and overseas shipment of metals

WEICON protective film approved by the German TÜV. It lastingly preserves tools and precision components with a dry and waxy layer.

WEICON Corro Protection can be used as safe corrosion protection for bare, unpainted metal parts, for the indoor storage of work pieces, as corrosion protection during overseas transport and for the conservation of tools and precision components. The protective layer can be removed easily (e.g. with WEICON Cleaner S).

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007619	10000787	10000788	10053503





* Not to spray with WSD 400 and WPS 1500. Just for application with paint brush / paint roller.





Surface Cleaner

Pre-treatment of bonding surfaces

WEICON Surface Cleaner is used for the cleaning and degreasing of surfaces to be joined or sealed with WEICON Adhesives and Sealants. Surface Cleaner can be applied to materials like metal, glass, ceramics and most plastics.

WEICON Surface Cleaner can be used, for example, to clean and degrease machine components in the course of maintenance work.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10025301	10025288	10025292	10053467

Electro Contact Cleaner

Cleans and degreases electronic or mechanical components



WEICON Electro Contact Cleaner is a special cleaner for the fast and effective cleaning and degreasing of all kinds of soiled or corroded contacts.

WEICON Electro Contact Cleaner was specially developed for the cleaning of electronical and mechanical components. The special formula with high-purity solvents removes oxide/ sulphide layers, combustion residues and resinous or sooty soiling. WEICON Electro Contact Cleaner reduces voltage loss and increases electric conductivity.

Contamination that can cause tracking current is removed. It can be used on electrotechnical or mechanical components such as electrical machines, measuring instruments, tools, balances, switches and sensors or electrical connections, contacts, relays and switchboards.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10029981	10029983	10029985	10053473



Mould Cleaner

Cleaner on the basis of highly active organic solvents



WEICON Mould Cleaner is a special cleaner based on highly active organic solvents. It effectively removes waxes, silicones, oils, non-cured PUR residues and other impurities from plastic, steel or aluminium moulds.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10037688	10025839	10025840	10053459

Cleaner M

Classified as non-hazardous | fast-drying | non-flammable



WEICON Cleaner M cleans and degreases all metals, plastics, rubber, glass, ceramic, wood, or painted and coated surfaces. It is powerful and precise in cleaning grease, oil, resin, soot, wax, release agents, forming substances, cooling lubricants as well as label and adhesive residues.

Cleaner M is ready to use, fast-drying, non-flammable and classified as non-hazardous. The cleaner is easy and safe to use. It can be used, for example, to clean and degrease machine components and tools. Its special formula consisting of special surfactants and alcohols does not contain any silicone defoamers, is non-greasy and therefore contributes significantly to the process-safe cleaning of components in production processes.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10059076	10060671	10058236	10060673



Cleaners and Degreasers

Fast Cleaner



Cleaning and degreasing agent for sensitive areas

The Fast Cleaner has an NSF registration for the foodstuffs sector and can therefore be used as a cleaner and degreasing agent for the removal of contamination generated within the scope of maintenance work and for the removal of noncured adhesive residues in the foodstuffs and beverages industry and in the pharmaceutical and cosmetical industries.

Fast Cleaner is used to clean and degrease surfaces which are bonded or sealed using WEICON adhesives and sealants, or which should be coated using WEICON metal sprays.

Fast Cleaner is pH-neutral and materialcompatible, and can be used on many different materials such as metals, glass, ceramics and most rubbers and plastics. Due to its special formula and the resulting NSF registration, the Fast Cleaner can contribute towards improvements in occupational safety and health protection.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10048254	10047373	10047376	10053477



Cleaner S*

Degreases and cleans all metals, glass, ceramics and most plastics

WEICON Cleaner S cleans, degreases and evaporates without leaving residues.

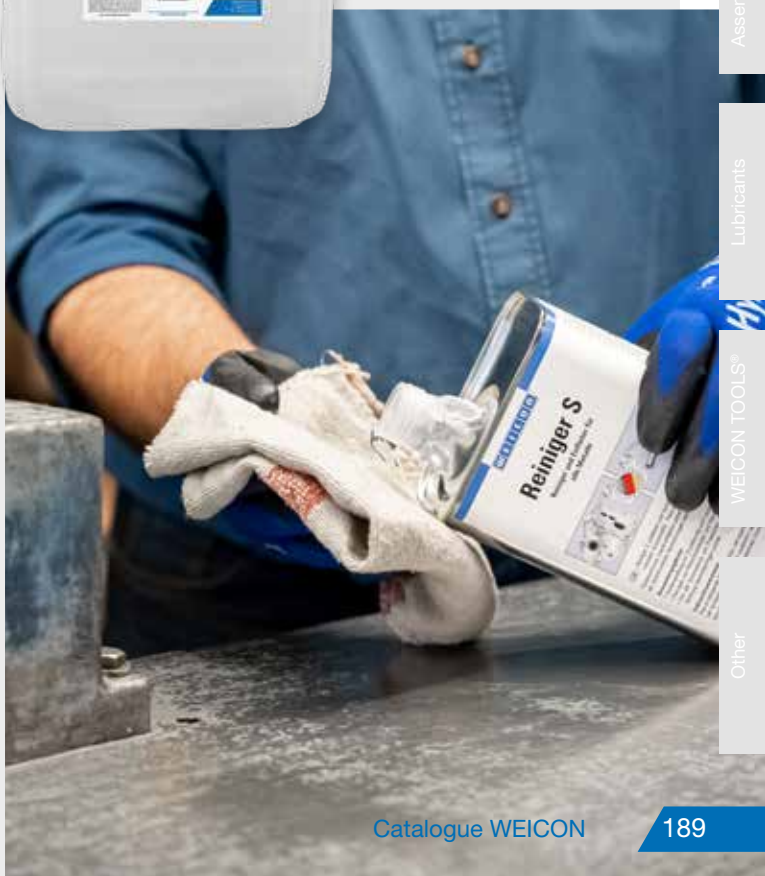
It can be used on all metals, glass, and ceramics, and on most plastics, and thermoplastics such as PVC, PMMA (acrylic glass), polystyrene etc. WEICON Cleaner S can be used for cleaning and degreasing before priming and painting, for cleaning machine parts or before other WEICON products are applied on surfaces where a greasy underground would impair their effect.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007611	10000347	10000348	10053455





* Not to spray with WPS 1500.





Brake Cleaner*



Multi-purpose cleaner, especially for the automotive sector

WEICON Brake Cleaner is a universal cleaner for the automotive industry, which cleans, degreases and evaporates without leaving residues.

WEICON Brake Cleaner quickly and effortlessly degreases and cleans metals, glass and many plastics. It removes oily and greasy impurities and residues.

Brake Cleaner can be used on brakes (drum and disc brakes, brake pads, brake blocks, cylinders, springs and bushings), clutches (clutch linings and components) and on engine parts (carburettors, fuel and oil pumps, gears etc.).

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007612	10000352	10000353	10053457



* Not to spray with WPS 1500.

Plastic Cleaner



Degreases and cleans sensitive surfaces

WEICON Plastic-Cleaner cleans, degreases and evaporates without leaving residues. It can be used to clean and degrease sensitive surfaces such as plastics*, rubber materials or powder-coated metal parts.

Plastic-Cleaner can be used, for example, on window frames, roller blinds, plastic profiles, seals or lacquered flanges in many industrial applications.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10019559	10019356	10019357	10053461

*Before use, check surface compatibility

Brake Cleaner AF

Universal cleaner for the automotive sector | acetone-free

WEICON Brake Cleaner AF is an acetone-free universal cleaner for the automotive sector. The liquid agent cleans, degreases and evaporates completely without residue.

Brake Cleaner AF quickly and effortlessly degreases and cleans metals, glass, rubber materials, powder-coated surfaces and many plastics and reliably removes oil and grease soiling and residues.

The cleaner can be used on brakes (drum and disc brakes, linings, brake pads, cylinders, springs and bushes), clutches (clutch linings and parts) or engine parts (carburettors, petrol and oil pumps, gearboxes, etc.). However, it is also suitable for cleaning plastic profiles, seals or painted surfaces and can be used in many areas of industry and trade.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10101764	10101766	10101768	10101770







Cleaners and Degreasers

Workshop Cleaner



Free of solvents and phosphate | bio-degradable

Workshop Cleaner cleans and degreases all metals, plastics, types of rubber, glass, ceramics and wood. It removes grease, oil, resin, rust, wax, nicotine, insect dirt, bitumen and tar specks.

Workshop Cleaner is free of solvent, emulsifier and phosphate compatible with oil separators (ÖNORM B 5105) and, in accordance with EC-guidelines, biodegradable. It is highly concentrated and can be diluted to the proportion 1:40 (max.).

Workshop Cleaner contains selected foamless tensides and, in addition to manual cleaning, can be used in high-pressure cleaners, part washing machines and spray apparatuses (e.g. Pump Dispenser WPS 1500).

▸ 500 ml*	▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10016977	10028258	10016800	10016798	10053463

* Can only be applied with the WPS 1500

Recommended application concentration

	undiluted	1:10	1:20	1:30	1:40
Aluminium parts					•
Inspection pits		•			
Grease, soot, bitumen and tar splashes	•				
Chromium, stainless steel and plastic				•	
Diesel residue	•				
Insect dirt		•			
Industrial floors, forklift trucks				•	
Hard floors		•			
Lorries (also tarred canvases)		•			
Machines, engines, oil/oil residues		•			
Repair parts					•
Steel degreasing			•		
Workshop equipment				•	
Machine tools				•	

Citrus Cleaner

proven effect according to DIN EN 1276 and 1650

Cleaner and degreaser on the basis of citrus essences

WEICON Citrus Cleaner is an all-purpose cleaning agent based on alcohol and citrus peel extracts. Due to its high isopropyl alcohol content of over 75%, WEICON Citrus Cleaner makes use of its disinfectant effect, and thus supports the overall cleaning and disinfection of surfaces. It can be used for all purposes and is equally suited for use in industrial applications, skilled trades, window construction, in public institutions and public transport, in construction companies, and in housekeeping. It cleans a wide range of materials, such as metals and plastics, glass, and ceramic as well as painted and coated surfaces*.

WEICON Citrus Cleaner is also highly effective and efficient in basic hygiene and supporting additional hygiene measures, in cleaning frequently used hand tools, and in removing stains due to pencils, pens, and markers.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10031802	10033568	10033570	10053469

* For safety reasons, the material compatibility should first be checked on a nonvisible area.





Stainless Steel Care

Antistatic effect

Stainless Steel Care was specially formulated for the cleaning, protection and care of matt and polished stainless steel surfaces both indoors and outdoors and has an antistatic effect.

WEICON Stainless Steel Care removes and prevents fingerprints, removes lubricating films e.g. from fume hoods, cleans even large surfaces without leaving streaks, and provides a long-lasting protective film which repels water and prevents new dirt from clinging. The product can be used in many applications.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10013812	10013730	10013731	10053512

Metal-Fluid

Universal use; clean | maintain | protect

WEICON Metal-Fluid is a care and cleaning product for indoor matt and polished surfaces and has an NSF registration.

Metal-Fluid protects, cleans and maintains both metal surfaces and ceramics, wood, glass and plastics. It does not dissolve etched and printed markings or plastic surfaces and rubber seals.

▸ 100 ml	▸ 500 ml	▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10017352	10028117	10033119	10016345	10016352	10053506

NSF Nonfood Compounds Program Listed A7;C1 Registration 135125





WEICON Pump Dispenser

For approx. 500 ml solvent- and mineral oil-free WEICON Technical Liquids.

10000401



WEICON Pump Dispenser “Special”

For approx. 500 ml WEICON Cleaner S, Brake Cleaner and Rust Loosener.

10000402

Protection and Care
Release Agents

Mould Release Agent

Silicone-free sliding and release agent

The high-grade combination of active ingredients, consisting of pure natural products, has a high sliding effect which prevents its adhesion to plastics, moulds, metals and tools.

WEICON Mould Release Agent can be used in plastic processing and for spraying, pressing, and vacuum deforming.

▸ 1 L	▸ 5 L
10007616	10000363
▸ 10 L	▸ 28 L
10000364	10053498



Anti-Spatter

Welding protection | VOC-free and non-hazardous | temporary corrosion protection

WEICON Anti-Spatter is a release emulsion for high-temperature welding applications. It prevents welding spatter from adhering to and burning onto surfaces during MIG/MAG welding as well as laser and plasma cutting. It protects welding nozzles, welding accessories and workpiece surfaces, ensuring excellent welding results. The quality of the weld seam remains unaffected. WEICON Anti-Spatter also provides effective temporary corrosion protection and is effective both wet and dry.

It is suitable for welding austenitic material, steel and various other materials. The product can be used in vehicle construction, special machine engineering, steel construction, apparatus and plant engineering, shipbuilding, automotive manufacturing and many other industrial sectors.

WEICON Anti-Spatter is transparent, odourless, VOC-free, non-hazardous, silicone-free and solvent-free. After welding, the emulsion does not interfere with galvanising or painting processes.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10000351	10000337	10000338	10053449

Label Remover

Simple and fast

WEICON Label Remover quickly and easily removes paper labels and residues of acrylate and caoutchouc-based pressure-sensitive adhesives.

Label Remover is suitable for many surfaces such as glass, metal, wood, foil and plastic. WEICON Label Remover easily and safely removes adhesive labels, price tags (e.g. incorrect labels), address and product stickers, identification labels, and label residues. It also removes adhesive residues from foil labels such as vignettes on car windshields.

▸ 1 L	▸ 5 L
10019556	10019359
▸ 10 L	▸ 28 L
10019362	10053465





W 44 T®

Multifunctional oil with multiple effects

W 44 T® is a multifunctional product which, thanks to its special formula and outstanding capillary action, combines corrosion protection, water repellency, lubrication, conservation and cleaning in a single product.

W 44 T® loosens seized threads, bolts, fittings and valves, penetrates and dissolves rust, dispels moisture from electrical contacts, prevents tracking currents and makes it easier to start wet motors. W 44 T® can also be used as cutting oil for drilling and cutting processes. It eliminates squeaky and creaky noises on hinges, guides, bearings and all types of joints and couplings. It cleans soiled metal surfaces and leaves a long-lasting, razor-thin film which does not smear or stick and does not attract dust.

It protects and preserves all types of tools, machines, and electrical and mechanical precision devices and keeps them functional. The use of WEICON W 44 T® has almost no limitations in workshop, automotive, shipping, electrical, agricultural, household and hobby applications.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10011715	10007793	10011348	10053483



AT-44

With PTFE super power | silicone-free

Thanks to its special formula and very low friction coefficient, WEICON AT-44 combines corrosion protection, cleaning, water repellency, lubrication and conservation in a single product.

WEICON AT-44 loosens seized threads, bolts, fittings and valves, dispels moisture from electrical cables, prevents tracking currents and makes it easier to start wet motors. It eliminates squeaky and creaky noises on hinges, guides, bearings and all types of joints and couplings.

It cleans soiled surfaces and leaves a razor-thin film which does not smear or stick and does not attract dust. It protects and preserves all

types of tools, machines, and electrical and mechanical precision devices and keeps them functional. The use of AT 44 has almost no limitations in workshop, automotive, shipping, electrical, agricultural, household and hobby applications.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007614	10000356	10000357	10053479



Lubricating and Multifunctional Oils

Bio-Fluid

High-purity mineral oil



WEICON Bio-Fluid is a medically pure white oil containing no resins or acids which was specially developed for lubrication and care.

It is water-clear, free of solvents, odourless and tasteless, and water-repellent. It shows excellent capillary action and has an NSF registration.

It reduces friction and wear, suppresses squeaky noises, protects against corrosion and removes dirt and rust. Bio-Fluid can be used for the lubrication, protection and care of precision mechanisms, as a spray oil for production and filling plants, and as a lubricant for filling and packaging systems. It can be used wherever occasional, technically unavoidable contact with food or its packaging can occur.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007622	10000365	10000366	10053514

Silicone

Sliding and release agent



WEICON Silicone is a sliding and release agent as well as a preservative and care product for plastic, rubber and metal.

WEICON Silicone provides a durable separating film and good surface properties. It prevents the development of adhesive residue in presses and guides, the adhesion of goods on conveyor belts, chutes and slides. WEICON Silicone protects electrical contacts from moisture, maintains rubber, plastic and metal parts, protects rubber parts from becoming brittle, from freezing and sticking and allows sunroof rails, seat tracks and seatbelts to run smoothly.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10006760	10000360	10000361	10053488

* Not to spray with WSD 400 and WPS 1500. Just for application with paint brush / paint roller.



Cutting Fluid*

High-performance cutting oil | excellent lubrication | free from mineral oil

WEICON Cutting Fluid contains no mineral oil. Thanks to its exceptionally high lubricating effect, it enables higher cutting speeds, longer tool life and therefore greater cutting performance. WEICON Cutting Fluid can be used for drilling, turning, milling, reaming, sawing, punching and thread cutting of all types of steel, cast iron, stainless steel, copper, brass, aluminium and their alloys in all areas of industry.

▸ 250 ml	▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10011167	10000394	10000368	10000369	10053516



Pneuma-Lube

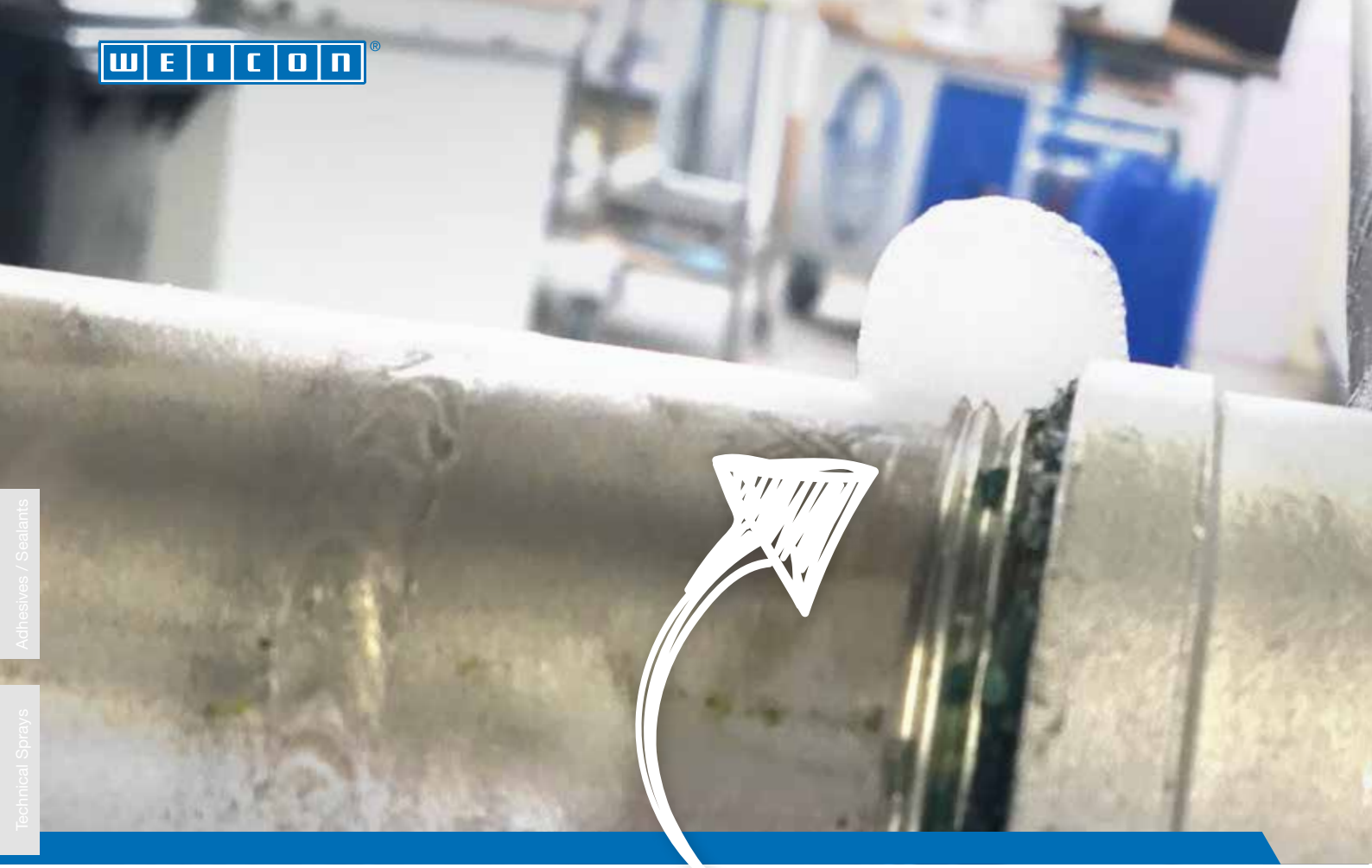
Lubricant | corrosion protection | high content of PTFE



As a lubricating and corrosion protection agent, this product is the universal problem-solver for all moving parts in pneumatic equipment and accessories. Its special product formula with a high content of PTFE makes it a multi-purpose product for: lubrication, corrosion protection, cleaning, water displacing and conservation.

Pneuma-Lube not only serves in installation or maintenance of pneumatic equipment and accessories but also can be used on pneumatic tools in operation. The excellent weathering resistance allows the use also in other sectors, e.g. in the on- and offshore industry. The temperature resistance of the spray ranges from -50°C to +210°C (-58°F to 410°F).

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10011816	10010554	10010555	10053485



Leak Detector

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | non-corrosive

The agent is used for the fast, convenient and reliable location of leaks (cracks or porous spots) in pressurized pipes.

WEICON Leak Detector does not form any hazardous compounds with carbon dioxide (CO_2), propane, butane, acetylene, oxygen, city or natural gases.

WEICON Leak Detector can be used wherever compressed air, natural or liquid gas is processed, and wherever leaky points can occur on fittings, threaded joints, and connections. It greatly contributes to the safety of pneumatic brakes and gas lines.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10007597	10002065	10002066	10053490



Leak Detector frost-proof

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | non-corrosive | frost-proof up to -15°C (+ 5°F)

The safe, easy and quick way to find leaks or porous spots on gas pipes. Leak Detector frostproof does not form any harmful compounds with these gases: carbon dioxide (CO_2), propane, butane, acethylene, oxygen, coal and natural gas, nitrogen, dinitrogen monoxide (N_2O) and CFC and is non-flammable.

Leak Detector frost-proof is suitable wherever compressed air or gaseous substances are being used.

For example, it can be used on pipes, hoses, fittings, screw connections, valves and adapters.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10051092	10051093	10051095	10053497



Leak Detector viscous

DVGW-approval | foam-forming leak detector according to DIN EN 14291 | non-flammable | non-corrosive | non-drip

WEICON Leak Detector viscous is the quick, easy and reliable way to find leaks in gas and compressed air pipes and fittings. The liquid does not form harmful compounds with the following gases: carbon dioxide (CO_2), propane, butane, acethylene, oxygen, coal and natural gas, nitrogen, dinitrogen monoxide (N_2O) and CFC and it is non-flammable.

Leak detector is applicable wherever compressed air or gaseous substances are being used. Typical application areas for the spray are pipes, hoses, fittings, screw connections, valves and adapters.

▸ 1 L	▸ 5 L	▸ 10 L	▸ 28 L
10051105	10051106	10051108	10053493





Technical Liquids

WSD 400 Pressurized-Air Spray Can

WSD 400 is a refillable spray for the application of most WEICON Technical Liquids.

The can is fillable with compressed air via an adapter (accessories) from the compressed-air ductwork system (optimum working pressure 7,5 bar).

The following accessories for WSD 400 are available:
- Adapter for filling from every compressed air system
- Valve set with four different valves and ball valve with intake pipe



Pressurized-Air Spray Can WSD 400
10009301

Spray-valve set of 4 pieces
10009303

Adapter
10000393



VIDEO

Pump Dispenser WPS 1500

WPS 1500 is a refillable pump dispenser in which many WEICON Technical Liquids can be used. The building-up pressure in the fluid container is achieved by pumping pure air with the pump rod. An integrated security valve opens automatically as soon as the allowed pressure (max. 4 bar) has been exceeded.

Activation of the spray button is enough to achieve steady, uniform fluid emission. By turning the nozzle screw, the rate at which the spray is emitted and the sprayed amount can be smoothly regulated, from strong spray jet to fine spray mist.

The following accessories for WPS 1500 are available:
- 30 cm plastic extension with 0.8 mm diameter nozzle
- Sealing sets

Pump Dispenser WPS 1500
10016002
Refillable plastic sprayer with special seals for approx. 1,300 ml Technical Liquid.

Seal set Viton for Pump Dispenser WPS 1500
10023969

Extension piece 30cm with nozzle
10016213



	WSD 400	WPS 1500
Container volume:	600 ml	1500 ml
Max. filling amount:	400 ml	1300 ml
Working pressure:	5 - 10 bar	4 bar
Explosion limit:	42 bar	---
Deformation pressure:	26 - 27 bar	---
Material:	Container and spray nozzle made of aluminium	Container made of non-breakable polyethylene; spray nozzle and devices made of polypropylene, fibre optic strengthened polyamide and stainless steel



Technical Data

	Brushable Liquid Zinc Paint	Brushable Liquid Zinc Coating	Aluminium Paint
Colour shade / level of brilliance:	zinc-grey / matt	matching hot-dip galvanizations	aluminium / metallic shine
Binding agents:	epoxy resin ester	alkyd resin	alkyd combination
Pigment:	zinc pigments (D50 4 µm)	zinc and aluminium pigments (D50 25 µm)	aluminium pigments (D50 16 µm)
Pigment purity:	approx. 98.5 %	approx. AL 99.5 % and ZN 99.9 %	approx. 99.5 %
Specific weight:	2.00 g/cm³	1.25 g/cm³	1.00 g/cm³
Percentage of metal in the dry film:	approx. 60.5 %	approx. 58.5 %	approx. 32.0 %
Viscosity* (DIN EN ISO 2431) / Consistency:	approx. 70 s 4 mm / stretchable	approx. 70 s 4 mm / stretchable	approx. 120 s 4 mm / stretchable
Processing temperature:	+18°C to +30°C *(+64°C to +86°F)*	+18 °C to +30 °C *(+64 °C to +86 °F)*	+18 °C to +30 °C *(+64 °C to +86 °F)*
Consumption:	approx. 120 ml/m²	approx. 120 ml/m²	approx. 150 ml/m²
Spray consistency:	10 - 20 % universal thinning	10 - 20 % universal thinning	10 - 20 % universal thinning
Drying time (dust dry):	30 minutes	60 minutes	60 minutes
Hardened*:	12 hours	12 hours	12 hours
Recoatable / can be reprimed*:	12 hours	12 hours	12 hours
Final hardness*:	48 hours	48 hours	48 hours
Minimum layer thickness (ISO 2409):	50 µm	30 µm	20 µm
Cross-cut test (DIN 53151/ISO 2409):	characteristic value GT 0 to GT 1	characteristic value GT 0 to GT 1	characteristic value GT 0 to GT 1
Salt spray test (DIN EN ISO 9227)	400 hours	200 hours	100 hours
Mandrel bending test, mandrel 5 mm (DIN EN ISO 1519):	no formation of hairline cracks	no formation of hairline cracks	no formation of hairline cracks
Temperature resistance after reaching the final hardness:	approx. +400 °C *(+752 °F)*	approx. +240 °C *(+464°F)*	approx. +300 °C *(+572 °F)* (from +100 °C (+212 °F), slight discolourations are possible)
Primer:	not necessary	not necessary	WEICON Brushable Zinc Paint / Brushable Zinc Coating
Shelf life**:	12 months	12 months	12 months
Available in:	375 ml and 750 ml can	375 ml and 750 ml can	375 ml and 750 ml can
Classification in accordance with Directive 2004/42 EC category 'A/i' single component special paints:	< 500 g/l VOC	< 500 g/l VOC	< 500 g/l VOC

* +20°C (+68°F) can / surface temperature and 50% relative humidity.
** With a constant room temperature and storage in a dry place. This applies to closed original containers which are not exposed to direct and/or indirect sunlight.



Technical Liquids

Technical Data

	Colour	Odour	Temperature resistance	Shelf life min. (months)*	Special features	Suitable for use with
Anti-Spatter	milky	almost odourless	+5°C *(+41°F)* to +90°C *(+194°F)*	24	non-flammable, silicone-free	WSD 400 and WPS 1500
AT-44	yellowish	vanilla	-50°C *(-58°F)* to +210°C *(+410°F)*	24	high-performance lubricating oil - with PTFE	WSD 400 and WPS 1500
Bio-Fluid	colourless	almost odourless	-25°C *(-13°F)* to +120°C *(+248°F)*	24	meets requirements of DAB 10, USDA H1, FDA regulations, FDA positive list	WPS 1500
Brake Cleaner	colourless	citrus	---	24	evaporates without leaving residues	WSD 400 and Pump Dispenser "special"
Brake Cleaner AF	colourless	citrus	---	24	acetone-free, universal cleaner for the automotive sector	WSD 400 and WPS 1500
Citrus Cleaner	colourless	citrus	---	24	pH-neutral, evaporates without leaving residues	WSD 400, WPS 1500 and Pump Dispenser "special"
Cleaner M	colourless	almost odourless	---	24	classified as non-hazardous | fast-drying | non-flammable	WSD 400, WPS 1500 and Pump Dispenser
Cleaner S	colourless	orange	---	24	evaporates without residues	WSD 400 and Pump Dispenser "special"
Corro-Protection	colourless	solvent	-20°C *(-4°F)* to +80°C *(+176°F)*	24	TÜV-tested, wax-based	WSD 400 and WPS 1500 (The material must be stirred thoroughly before use.)
Cutting Fluid	colourless	mineral oil	*-40 °C (140 °F) to +200 °C (392 °F)*	24	High-performance cutting oil	WPS 1500
Electro Contact Cleaner	colourless	almost odourless	---	24	evaporates without residues	WSD 400 and WPS 1500
Fast Cleaner	colourless	solvent	-10°C to +50°C *(+14°F to +122°F)*	24	NSF-A1 approval	WSD 400 and WPS 1500
Label Remover	colourless	citrus	---	24	removes paper and foil labels	WSD 400 and WPS 1500
Leak Detector	milky	almost odourless	0°C *(+32°F)* to +50°C *(+122°F)*	24	approved for gas piping by German DVGW, suitable for oxygen and CO_2	WSD 400 and WPS 1500
Leak Detector frost-proof	colourless	almost odourless	-15°C *(+5°F)* to +40°C *(+104°F)*	24	DVGW approved, suitable for oxygen and CO_2; frost-proof	WSD 400 and WPS 1500
Leak Detector viscous	milky	almost odourless	0°C *(+32°F)* to +50°C *(+122°F)*	24	suitable for oxygen and CO_2	WSD 400 and WPS 1500
Metal-Fluid	milky	almost odourless	-10°C *(+14°F)* to +150°C *(+302°F)*	24	antistatic effect, especially for indoor use	Pump Dispenser, WSD 400 and WPS 1500
Mould Cleaner	colourless	citrus	---	24	evaporates without residues	WSD 400 and WPS 1500
Mould Release Agent	colourless	solvent	-20°C *(-4°F)* to +130°C *(+266°F)*	24	silicone-free	Pump Dispenser, WSD 400 and WPS 1500
Plastic Cleaner	colourless	citrus	---	24	for sensitive plastic surfaces	WSD 400 and WPS 1500
Pneuma-Lube	yellowish	vanilla	-50°C *(-58°F)* to +210°C *(+410°F)*	24	high-performance lubricating oil - with PTFE	WSD 400 and WPS 1500
Rust Converter	milky	almost odourless	-30°C *(-22°F)* to +80°C *(+176°F)*	24	rust converter and base coat in one process	---
Rust Loosener	beige	petroleum	-20°C *(-4°F)* to +150°C *(+302°F)*	24	sixfold function	WSD 400, WPS 1500 and Pump Dispenser "special"
Rust Remover liquid	yellowish	almost odourless	---	24	dip, suitable for ultrasonic baths, can be reused several times	---
Rust Remover Gel	blue	almost odourless	---	24	high reaction speed, penetrates very well	---
Silicone	colourless	solvent	-50°C *(-58°F)* to +250°C *(+482°F)*	24	silicone oil	WSD 400 and WPS 1500
Stainless Steel Care	colourless	solvent	-20°C *(-4°F)* to +130°C *(+266°F)*	24	antistatic effect, especially for outdoor use	WSD 400 and WPS 1500
Surface Cleaner	colourless	citrus	---	24	evaporates without residues	WSD 400 and WPS 1500
W 44 T®	yellowish	vanilla	-50°C *(-58°F)* to +210°C *(+410°F)*	24	multi-function oil - with multiple effects	Pump Dispenser, WSD 400 and WPS 1500
Workshop Cleaner	blue	almost odourless	+5°C *(+41°F)* to +90°C *(+194°F)*	24	solvent-free, oil removal accommodating, biodegradable	WPS 1500

* With a constant room temperature of +20°C (+68°F) and storage in a dry place. This applies to closed original containers which are not exposed to direct and/or indirect sunlight.

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Copper Paste	204
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Adhesive FINDER
www.adhesive-finder.com
The right ADHESIVE in a CLICK



All kinds of influencing factors, such as moisture and friction, lead to damage due to corrosion, seizure, and wear on machines and installations. Extensive repair and maintenance work at considerable cost are the result.

Especially under critical conditions of application, such as:.

- **high operation temperatures**
- **high pressure loads**
- **outdoor weather conditions**

WEICON Anti-Seize assembly pastes are specially developed for these requirements. They are used as protecting and separating agents as well as lubricants for highly stressed parts, especially at high temperatures.

Optimally balanced solids contents as well as selected additives permit a wide range of applications, especially in this area.

Conventional separating agents or lubricants such as mineral oils and greases often cannot provide sufficient lubrication and protection in difficult industrial environments.

Conventional separating agents or lubricants such as mineral oils and greases often cannot provide sufficient lubrication and protection in difficult industrial environments.

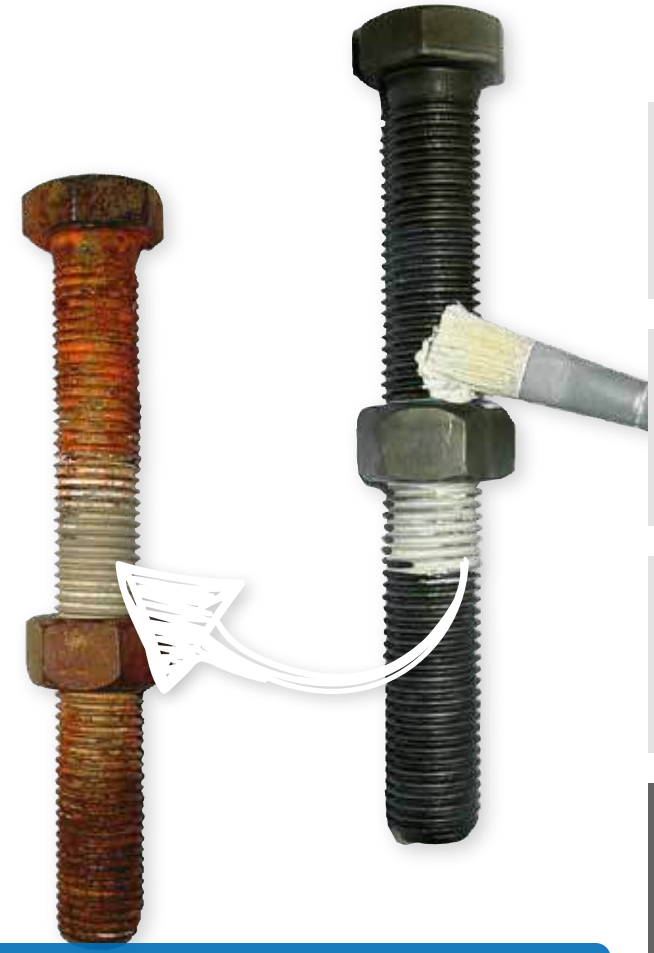
The basic components in WEICON Anti-Seize are made of synthetic oils, which have a considerably lower sulphur content than products containing mineral oil. A residue-free vaporisation of the oil at temperatures between +200°C (+392°F) and +250°C (+482°F) is thus possible.

This is particularly important in the case of stainless steels (e.g. for VA material) to prevent stress-corrosion cracking. The safe protection of work pieces and structures made of steel and other metals is thus absolutely necessary for the rational and economic operation of technical installations.

Anti-Seize

Assembly Pastes





Due to the special formulation and the very fine grinding of the solids contained in WEICON Anti-Seize, irregularities in the protected surface are completely filled – even to a layer thickness of only 12 µm. Only a perfectly sealed surface guarantees a reliable protection against corrosion. An additional sealing effect thus results for special applications, such as flange connections.

WEICON Anti-Seize provides protection against the following:

- **corrosion – seizure – wear**
- **stick-slip phenomena**
- **oxidation and fretting corrosion**
- **electrolytic reactions (“cold welding”)**

WEICON Anti-Seize is free of halogens, well-adherent and abrasion-proof, and resistant against hot, cold, and salt water. The extremely low friction coefficient also permits easy disassembly from machines and installations.

In addition, WEICON Anti-Seize assembly pastes are excellent lubricants for statically high-stressed parts and for slowly rotating installations, as long as corresponding relubrication intervals are observed.

With its dual function as a lubricant and corrosion protection agent, WEICON Anti-Seize thus becomes a rationalisation factor, both in terms of saving time and reducing costs.

WEICON Anti-Seize is used sparingly. At a layer thickness of 0.01 mm, 1 kg suffices to cover a surface area of approximately 45 m². Five product variants are available for various areas of application:

Anti-Seize
Anti-Seize High-Tech
Copper Paste
Anti-Seize Nickel
Anti-Seize Ceramic Paste



Anti-Seize

Reliable protection against corrosion, seizing and cold welding

WEICON Anti-Seize is used as a protecting, separating and lubricating agent for highly stressed parts. Ideally compatible solid contents and selected additives enable a wide range of usage.

Anti-Seize protects against corrosion, seizure and wear, stick-slip phenomena, oxidation, fretting corrosion and electrolytic reactions ("cold welding").

VIDEO

Anti-Seize High-Tech

metal-free

Anti Seize "High-Tech" is high-temperature-resistant, has excellent separating characteristics, is metal-free, neutral to materials and has an NSF registration.

Anti-Seize "High-Tech" is particularly suitable when metalcontaining pastes can cause electrolytic reactions, when nickelcontaining products should or may not be used due to health reasons and when dark metal-containing products should or may not be used for visual reasons.



Anti-Seize Ceramic Paste

High-performance assembly paste | compatible with stainless steel and other nickel alloys (no chromium-6 formation) | metal-free

WEICON Anti-Seize Ceramic Paste is a metal- and siliconefree synthetic high-performance assembly paste for universal use. The ceramic paste is resistant to high temperatures, has an exceptionally good release effect and is suitable for any material. The paste contains no free metals and is compatible with stainless steel and other nickel alloys (no chromium-6 formation). The assembly paste is especially suitable when metal-containing pastes can cause electrolytic reactions, when nickel-containing products should or may not be used for health reasons and when dark metal-containing products should or may not be used for visual reasons.

WEICON Anti-Seize Ceramic Paste provides excellent release, protection and lubrication even at high temperatures and high pressure. The paste offers very good protection against corrosion, wear and extreme weather conditions. The assembly paste can be used on bolts, screws, stud bolts, pipe connections, nuts, mechanical seals, etc. Typical areas of application are chemical plants, oil refineries, power stations, paper mills, steelworks and foundries as well as the shipping industry.



Anti-Seize

Assembly Pastes

	Anti-Seize	Anti-Seize High Tech	Anti-Seize Ceramic Paste
▸ 10 g Syringe	10000170	-	-
▸ 30 g Pen	10015175	10015179	-
▸ 120 g Brush top can	10000172	10000193	10067867
▸ 85 g Tube	10047467	10047469	-
▸ 200 ml Presspack	10025465	-	-
▸ 400 g Cartridge	10000173	10000195	-
▸ 450 g Can	10000175	10000196	10067869
▸ 500 g Brush top can	10028921	10030351	-
▸ 1.0 kg Can	10000177	10000197	10000208
▸ 1.8 kg Bucket	10000178	10000199	-
▸ 5.0 kg Bucket	10000181	10000202	-
▸ 10.0 kg Bucket	10000182	10000204	-
▸ 20.0 kg Bucket	10000183	10000205	-
▸ 100 ml Spray	10000216	-	-
▸ 400 ml Spray	10000219	10000221	-





Copper Paste

Protecting, separating and lubricating agent for highly stressed parts in high-temperature applications

Copper Paste is corrosion-resistant and strong. It contains no sulphur, lead or nickel.

WEICON Copper Paste is used as an assembly lubricant for all kinds of threaded joints and sliding surfaces. It forms an effective lubricating and separating film which protects the functional surfaces on plug-in tools, wear bushings, screws, and all kinds of threaded, plug-in and bayonet joints against corrosion and seizing.

It can be used to reduce vibration on brake blocks and guides, brake cams and pins, car and truck battery terminals and other electrical connections, wheel bolts and nuts, and on wear bushings at electrical, compressed air and hydraulic hammers. The product can be used in many industrial applications.



Anti-Seize Nickel

Assembly paste for extreme conditions

The assembly paste was developed to resist extreme conditions. It is strongly adherent, water-repellent and resistant to sweet, salt and hot water as well as steam. The high nickel component furthermore provides protection against corroding and corrosive solvents which are contained in diluted hydrochloric acid, sulphur or nitric acid, among others. Anti-Seize Nickel can be applied at a large temperature range between -30°C to +1,450°C.

Anti-Seize Nickel serves as corrosion protection and highperformance fitting grease for static and dynamically extremely stressed screw connections and installation parts and the application at slowly rotating system in the high-temperature range.

The paste protects against corrosion, seizing, wear, stick-slip effects, oxidation and friction corrosion as well as electrolytic reactions, the so-called “cold welding”.

For example, Anti-Seize Nickel can be used on seals, valves, screw connections, gear wheels, bearings, jets, conveyor belts, studs, tools or cylinders.

	Copper Paste	Anti-Seize Nickel
▸ 30 g Pen	10025928	-
▸ 120 g Brush top can	10026335	10000194
▸ 85 g Tube	10047468	-
▸ 400 g Cartridge	10040029	10000185
▸ 450 g Can	10000950	10000186
▸ 500 g Brush top can	10030349	10047560
▸ 1.0 kg Can	10013761	10000192
▸ 1.8 kg Bucket	-	10000187
▸ 5.0 kg Bucket	-	10000189
▸ 10.0 kg Bucket	10002942	10000190
▸ 20.0 kg Bucket	-	10000191
▸ 400 ml Spray	10025953	-



Anti-Seize

Assembly Pastes

WEICON Anti-Seize products and their behaviour towards sealing materials (elastomers)

	Anti-Seize	Anti-Seize High-Tech	Copper Paste	Anti-Seize Nickel	Anti-Seize Ceramic Paste
ACM - Acrylate rubber	++	++	++	++	++
CR - Chloroprene rubber	+	+	+	+	+
CSM - Chlorosulfonated PE rubber	+	+	+	+	+
EPDM - Ethylene propylene diene rubber	--	--	--	--	--
FKM - Fluorocaoutchoc	++	++	++	++	++
NBR - Nitrile butadiene rubber	++	++	++	++	++
NR - Natural rubber	--	--	--	--	--
SBR - Styrene butadiene rubber	--	--	--	--	--
SQM/VMQ - Silicone rubber	++	++	++	++	++

WEICON Anti-Seize products and their behaviour towards polymer materials

ABS - ABS copolymeride	++	++	++	++	++
PA - Polyamide	++	++	++	++	++
PC - Polycarbonate	--	--	--	--	--
PE-UHMW - Polyethylene with ultra high molar weight	++	++	++	++	++
PE-LD - Polyethylene with low density	+	+	+	+	+
PET - Polyethyleneterephthalate	++	++	++	++	++
POM - Polyoxymethylene	++	++	++	++	++
PP - Polypropylene	++	++	++	++	++
PTFE - Polytetrafluor ethylene	++	++	++	++	++
PUR - Polyurethane	+	+	+	+	+
PVC - Polyvinylchloride	++	++	++	++	++

++ resistant + resistant to a limited extent -- not resistant

The specified resistance levels are based on laboratory tests and literature notices. A guarantee cannot be provided due to the large number of raw materials used on the one hand and the complex chemical and morphological structure of the polymers on the other. In critical application cases, we recommend that you carry out tests and/or consult with our application technology department.

Technical Data

		Anti-Seize	Anti-Seize High-Tech	Anti-Seize Nickel	Copper Paste	Anti-Seize Ceramic Paste
Basic oil		synthetic oil mixture	medicinal oil	synthetic oil	mineral oil	polyalphaolefin
Colour		anthracite	white	anthracite	copper	white
OFW device coefficient of friction		0.13	0.10 to 0.13	0.16	---	---
Coefficient of friction total		0.11 µ	0.11 µ	0.12 µ	0.13 µ	0.15 µ
Coefficient of friction thread		0.13 µ	0.12 µ	0.14 µ	0.14 µ	0.17 µ
Coefficient of friction on upside down		0.10 µ	0.10 µ	0.11 µ	0.12 µ	0.14 µ
VKA-TEST (DIN 51350) goods load		4,200 N	3,600 N	---	3,000 N	7,000 N
VKA-TEST (DIN 51350) welding load		4,400 N	3,800 N	2,000 N	3,200 N	7,500 N
VKA-TEST (DIN 51350) Spherical cap value (1 Min/1000N)		0,5 mm	0,7 mm	0,6 mm	---	0,6 mm
Worked penetration (DIN ISO 2137)		310 to 340 1/10 mm	310 to 340 1/10 mm	310 to 340	310 to 340 1/10 mm	---
Sulphur content (DIN 51400)		< 0.1%	< 0.1%	< 0.1%	< 0.1%	6%
Water resistance (DIN 51807)		0 - 90	0 - 91	0 - 91	0 - 91	1-90
Temperature resistance		-180 to +1,200°C *(-292 to +2,192°F)*	-40 to +1,400°C *(-40 to +2,552°F)*	-30 to +1,450°C *(-22 to +2,642°F)*	-20 to 1,100°C *(-4 to +2,012°F)*	-40 to +1,400 °C *(-40 to +2,552 °F)*
Pressure load		230 N/mm² *(33.400 psi)*	230 N/mm² *(33.400 psi)*	230 N/mm² *(33.400 psi)*	---	---
Density at +20°C (+68°F) (DIN 51757)		1.16 g/cm³	1.42 g/cm³	1.30 g/cm³	1.1 g/cm³	1.2 g/ml
Salt spray test		> 170 h	> 170 h	> 170 h	---	> 500 h
Dielectric strength		0.47 kV/mm	0.40 kV/mm	---	---	---
Specific resistance		1.2 x 10¹⁵ Ω·cm	1.0 x 10¹⁵ Ω·cm	---	---	---
Specific heat capacity	+20°C *(+68°F)*	1.325 J/(g·K)	1.574 J/(g·K)	1.493 J/(g·K)	1.713 J/(g·K)	---
Thermal conductivity (ISO 22007-4)	+20°C *(+68°F)*	0.546 W/(m·K)	0.675 W/(m·K)	0.582 W/(m·K)	0.392 W/(m·K)	---
Dielectric strength (DIN EN 60243-1)	+20°C *(+68°F)*	1.3 kV/mm	6.3 kV/mm	1.1 kV/mm	1.7 kV/mm	---

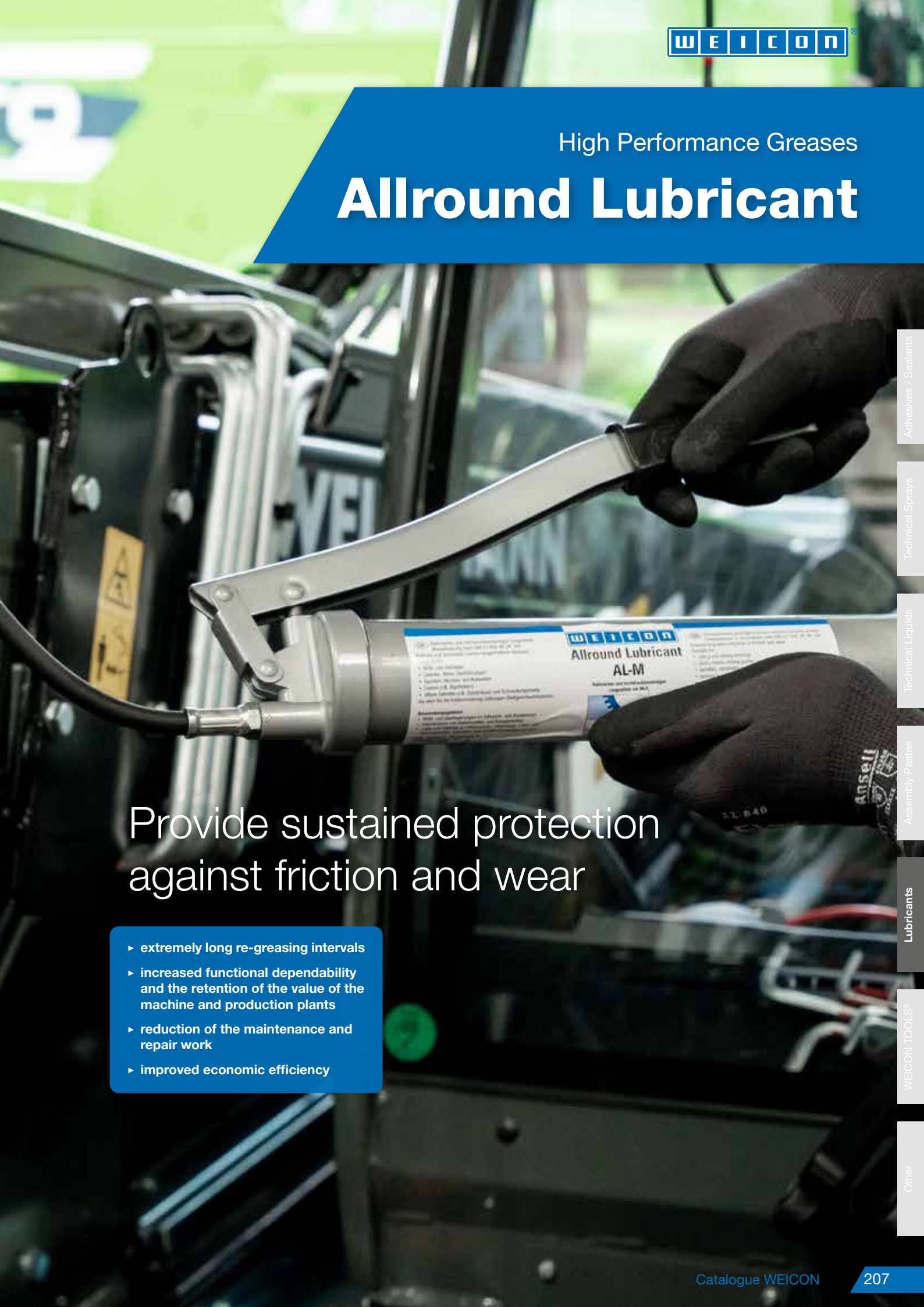
High Performance Greases

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Silicone Grease	209
Silicone Grease HV	209



High Performance Greases

Allround Lubricant



Provide sustained protection against friction and wear

- extremely long re-greasing intervals
- increased functional dependability and the retention of the value of the machine and production plants
- reduction of the maintenance and repair work
- improved economic efficiency



AL-F

Allround product

WEICON AL-F can be used to lubricate rolling and sliding bearings, joints, levers, sliding guides, spindles, spline shafts, camshafts, open gears, worm gears and all grease lubrication points, even in the food industry.

- 120 g 10034481
- 350 g 10017515
- 400 g 10016775
- 1.0 kg 10016777
- 5.0 kg 10016781
- 25.0 kg 10016784

AL-H

High-temperature-resistant | odourless and tasteless

WEICON AL-H is suitable for rolling bearings, sliding bearings, joints, spindles, spline shafts and linear guidance systems at all sliding speeds permitted for grease lubrication.

WEICON AL-H is particularly suited for usage in foodstuff technology.

- 120 g 10034289
- 400 g 10016761
- 1.0 kg 10016763
- 5.0 kg 10016766
- 25.0 kg 10016769

AL-T

High-temperature grease | long-term lubrication

WEICON AL-T high performance grease is a universally usable high-temperature grease for long-term lubrication. WEICON AL-T is suitable for rolling and sliding bearings, joints, levers, sliding guides, spindles, spline shafts and at all sliding speeds permitted for grease lubrication.

- 120 g 10034483
- 400 g 10018579
- 1.0 kg 10018591
- 5.0 kg 10018595
- 25.0 kg 10018599

Lubricants compared – applications & suitability

	Assembly pastes	Lubricating oil (pages 166, 167, 194)	Lubricating grease	Dry lubricant (page 169)
Friction reduction & wear protection Reduces metal-to-metal contact, prevents abrasion and extends service life. Examples: rolling bearings, gears, hinges	✓	✓	✓	⚠
Heat dissipation / cooling Dissipates heat and prevents overheating. Examples: electric motors, high-speed bearings	⚠	✓	⚠	✗
Corrosion protection Protects metal parts against rust and chemical exposure. Examples: bearings, screws, tools	✓	✓	✓	⚠
Sealing, vibration damping, noise reduction Seals components, reduces vibrations and noise. Examples: door hinges, plain bearings, machine housings	✓	✓	✓	✗
Influence of environmental conditions Resistance to dust, moisture, chemicals and extreme temperatures. Examples: outdoor machinery, chemical plants	✓	✓	✓	✓
Viscosity / flow behaviour Determines how well the lubricant flows and spreads. Examples: low viscosity oils for spray application, thick greases for rolling bearings	⚠	✓	✓	⚠
Base oil type & additives Mineral, synthetic or biological; affects lubrication performance and durability. Examples: high-pressure additives, corrosion inhibitors	✓	✓	✓	✗
Temperature range Suitable for low to high temperatures. Examples: -20 °C to +190 °C for greases; -50 °C to +210 °C for oils	⚠	✓	✓	✓
Load (pressure / speed) Suitable for high-pressure bearings, gears or rapid movements. Examples: rolling bearings under heavy loads	✓	⚠	✓	✓

✓ = highly suited ⚠ = limited use ✗ = not suitable

Note: This table is for guidance only. For exact applications, please check technical data sheets and manufacturer's specifications.



High Performance Greases

Allround Lubricant

AL-M

Long-term lubricant with MoS_2 | strong adhesion and high pressure resistance

WEICON AL-M reduces friction and wear for a long time and is suited for rolling and slide bearings, joints, levers, sliding guides, spindles, camshafts, spline shafts, springs, open gears, worm gears and at all sliding speeds permitted for grease lubrication.

120 g	400 g	1.0 kg
10034482	10016733	10016735

5.0 kg	25.0 kg
10016737	10016739

AL-W

Special lubricant for underwater applications

AL-W high performance grease is a special lubricant and corrosion protection which can also be used for underwater applications.

WEICON AL-W offers effective protection against aggressive liquids such as sea or wastewater, both in the maritime sector and in wet plants. WEICON AL-W is suitable for rolling and sliding bearings even in mixed friction operation, for joints, levers, sliding guides, spindles, spline shafts, open gears, worm gears, chains and wire cables and at all sliding speeds permitted for grease lubrication.

120 g	400 g	1.0 kg
10017158	10016748	10016750

5.0 kg	25.0 kg
10016754	10016756



Silicone Grease

Special lubricant for valves, fittings and sealings | drinking water approval* | BAM**

Strong and transparent silicone grease with a very good compatibility to plastics, especially for applications on valves, fittings and sealings.

Due to its NSF H1 registration, WEICON Silicone Grease is suitable as lubricant in sensitive areas where inadvertent contact to food is possible. It can be used in the food and beverage industry, in sanitary and heating construction, in the pharmaceutical industry as well as in the sealing technology.The grease is particularly material-friendly, neutral in odour and taste and has a temperature resistance of -50°C to +200°C.

WEICON Silicone Grease is suitable for the lubrication of plastics, rubber parts and seals, valves, fittings and gaskets, machines, equipment, slow rotating bearings and as assembly aid for O-rings.

5 g	85 g	450 g	1.0 kg	5.0 kg	25.0 kg
10053151	10050566	10050558	10050563	10051113	10051118





Silicone Grease HV

Special lubricant for valves, fittings and sealings | drinking water approval* | NSF registration | BAM**

Highly viscous, transparent silicone grease with a very good compatibility to plastics, especially for applications on valves, fittings and sealings.

The grease is particularly material-friendly, neutral in odour and taste and has a temperature resistance of -50 °C to +200 °C. Tested by the Ruhr Region Institute of Hygiene („Hygiene- Institut des Ruhrgebiets") according to the Hygienic Assessment of Lubricants in Contact with Drinking Water by the Federal Environmental Agency of Germany.

450 g	1.0 kg	5.0 kg
10062499	10062501	10062503

25.0 kg
10062505



*Tested by the Ruhr Region Institute of Hygiene („Hygiene-Institut des Ruhrgebiets") according to the Hygienic Assessment of Lubricants in Contact with Drinking Water by the Federal Environmental Agency of Germany.

**BAM tested and safety-related evaluated according to leaflet M 034-1 "List of nonmetallic materials compatible with oxygen" (DGUV information 213-075) of BG RCI



Technical Data

		AL-T	AL-M	AL-W	AL-H	AL-F	Silicone Grease	Silicone Grease HV
Abbreviation (DIN 51502):		KPL 2 R -20	KF 2 K –20	KPL 1-2 E -25	KPHC 1P -40	KLF 2K -30	MSI2 S-50	MSI3S-40
Consistency assignment (DIN 51818):		NLGI-class 2	NLGI-class 2	NLGI-class 1-2	NLGI-class 1	NLGI-class 2	NLGI-class 2-3	NLGI-class 3
Base oil:		Mineral oil	Mineral oil	Mineral oil	Polyalphaolefin	Mineral oil	Silicone oil	Silicone oil
Base thickener:		Aluminium complex soap	Li/Ca soap/MoS_2	Spec. calcium soap	Aluminium complex soap	Lithium	Gel	Gel
Colour:		darkbrown	black	beige	white	white	colourless translucent	translucent
VKA Test (DIN 51 350):	Welding load	2.400 N	3.400 N	3.400 N	3.600 N	3.400 N	---	---
	Goods load	2.200 N	3.200 N	3.200 N	3.400 N	3.200 N	---	---
	Spherical cap value (1 Min / 1000 N)	2,0 mm	0,5 mm	0,7 mm	0,6 mm	0,8 mm	---	---
Speed identifying value ($k_a \cdot n \cdot d_m$):		200.000	400.000	450.000	400.000	350.000	---	---
Worked penetration (DIN ISO 2137):		265-295 1/10 mm	265-295 1/10 mm	285-315 1/10 mm	310-340 1/10 mm	265-295 1/10 mm	240-270 1/10 mm	240-270 1/10 mm
Water resistance (DIN 51807):		0 - 90	1 - 90	0 - 40	1 - 90	1 - 90	1-90	1-90
Temperature resistance:		-25°C to +190°C *(-13 to +374°F)*	-20°C to +120°C *(-4 to +248°F)*	-25°C to +80°C *(-13 to +176°F)*	-40°C to +160°C *(-40 to +320°F)*	-30°C to +120°C *(-22 to +248°F)*	-50°C to +200°C *(-58 to +392°F)*	-40°C to +200°C *(-40 to +392°F)*
Drop point (IP 396):		>210°C *(+410°F)*	>170°C *(+338°F)*	>100°C *(+212°F)*	>200°C *(+392°F)*	>190°C *(+374°F)*	*>200 °C (+392 °F)*	>200 °C *(+392 °F)*
Base oil viscosity (DIN 51 562):	+40°C *(+104°F)*	230 mm²/s	160 mm²/s	100 mm²/s	400 mm²/s	100 mm²/s	75 mm²/s	2400 mm²/s
	+100°C *(+212°F)*	15 mm²/s	15 mm²/s	9 mm²/s	40 mm²/s	9 mm²/s	31 mm²/s	1000 mm²/s
Salt spray test with separated protective coats (Federal German Armed Forces Regulations 336 h/35°C, 5% NaCl):		---	---	no corrosion	---	---	---	---
EMCOR test (DIN 51 802 distilled water):		0 / 0	0 / 0		0 / 0		1 / 2	1 / 2
EMCOR test (DIN 51 802 3% NaCl solution):				0 / 0		0 / 0		
Density at +20°C (+68°F) (DIN 51757):		0,94 g/cm³	0,92 g/cm³	0,94 g/cm³	0,93 g/cm³	0,90 g/cm³	0,98 g/cm³	>1,00 g/cm³
Conforms to:		. / .	. / .	Federal German Armed Forces TL 9150-0066, NATO specification G-460	NSF-H 1	NSF-H 2	NSF-H 1	NSF-H 1
Heat capacity:	+20 °C *(+68 °F)*	1.490 J/(g·K)	1.766 J/(g·K)	1.762 J/(g·K)	1.838 J/(g·K)	1.832 J/(g·K)	1.295 J/(g·K)	1.295 J/(g·K)
Thermal conductivity (ISO 22007-4):		0,372 W/m·K	0,491 W/m·K	0,494 W/m·K	0,394 W/m·K	0,524 W/m·K	0,445 W/m·K	0,445 W/m·K
Dielectric strength (DIN EN 60243-1):		11,0 kV/mm	11,5 kV/mm	9,5 kV/mm	29,6 kV/mm	7,8 kV/mm	9,2 kV/mm	9,2 kV/mm
Shelf life at least (months)*:		24	24	24	24	24	24	24

Type selection table

	AL-T	AL-M	AL-W	AL-H	AL-F	Silicone Grease	Silicone Grease HV
Rolling bearings	•	•	•	•	•		
Sliding bearings	•	•	•	•	•		
Chains			•				
Joints	•	•	•	•	•	•	•
Levers	•	•	•	•	•	•	•
Sliding guides	•	•	•	•	•	•	•
Linear guide systems	•			•		•	•
Spindles	•	•	•	•	•	•	•
Spline shafts	•	•	•		•		
Camshafts		•			•		
Springs		•					
Open gears		•	•		•		
Worm gears		•	•		•		
Cables			•				



High Performance Greases

Allround Lubricant

WEICON lubricants and their behaviour towards sealing materials (elastomers)

	AL-T	AL-M	AL-W	AL-H	AL-F	Silicone Grease	Silicone Grease HV
ACM - Acrylate rubber	++	++	++	++	++	++	++
CR - Chloroprene rubber	+	+	+	+	+	++	++
CSM - Chlorosulfonated PE rubber	++	++	++	++	++	++	++
EPDM - Ethylene propylene diene rubber	--	--	--	--	--	++	++
FKM - Fluorocaoutchoc	++	++	++	++	++	++	++
NBR - Nitrile butadiene rubber	++	++	++	++	++	++	++
NR - Natural rubber	0	--	--	--	--	++	++
SBR - Styrene butadiene rubber	0	--	--	--	--	++	++
SQM/MVQ - Silicone rubber	++	++	++	++	++	++	++

++ resistant + resistant to a limited extent 0 not tested, preliminary trials or resistance tests are recommended – not resistant

WEICON lubricants and their behaviour towards polymer materials

	AL-T	AL-M	AL-W	AL-H	AL-F	Silicone Grease	Silicone Grease HV
ABS - ABS copolymeride	++	++	++	++	++	++	++
CA - Cellulose acetate	++	++	++	++	++	++	++
EPS - Expanded polystyrene	++	++	++	++	++	++	++
PA - Polyamide	++	++	++	++	++	++	++
PC - Polycarbonate	--	--	--	+	--	++	++
PE - Polyethylene	++	++	++	++	++	++	++
PE-UHMW - Polyethylene with ultra high molar mass	++	++	++	++	++	++	++
PE-LD - Polyethylene with low density	+	+	+	++	+	++	++
PET - Polyethyleneterephtalate	++	++	++	++	++	++	++
POM - Polyoxylmethylene	++	++	++	++	++	++	++
PP - Polypropylene	++	++	++	++	++	++	++
Polyphenylene oxide	++	++	++	++	++	++	++
PS - Polystyrene	+	+	+	++	+	++	++
PTFE - Polytetrafluor ethylene	++	++	++	++	++	++	++
PUR - Polyurethane	+	+	+	++	+	++	++
PVC - Polyvinylchloride	++	++	++	++	++	++	++
TPE - Thermoplastic elastomers	0	0	0	0	0	++	++

++ resistant + resistant to a limited extent 0 not tested, preliminary trials or resistance tests are recommended – not resistant

The stated resistance levels are based on laboratory tests and literature notices. A guarantee cannot be provided due to the large number of raw materials used on the one hand and the complex chemical and morphological structure of the polymers on the other. In critical application cases we recommend that you carry out tests and/or consult with our application technology department.

MESSERSTAHL
Qualität aus Solingen

made in Germany

Green Line

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Cable Strippers

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WEICON TOOLS®

Stripping Tools





Quality and continuity “Made in Germany”

INNOVATIVE AND RELIABLE!



selbst ist der Mann
PRAXISTEST
SEHR GUT (1,3)
TESTSIEGER
Ausgabe 04/2018
www.selbst.de

Best Of 2023
Heimwerker Praxis

Upper class 1,4
Heimwerker Praxis 5/23

Upper class 1,3
Heimwerker Praxis 1/25

Recommendation
Heimwerker Praxis 1/25

Upper class 1,3
Heimwerker Praxis 5/22

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PRAXISTEST
SEHR GUT (1,4)
EMPFEHLUNG
Ausgabe 04/2018
www.selbst.de

WEICON TOOLS®

MESSERSTAHL
Qualität aus Solingen

TÜV NORD GS geprüfte Sicherheit

FWI
Member of the German Tool Industry Association

CE

made in Germany

We have been developing, manufacturing and distributing high-quality wire stripping tools since 1967.

We present these tools at more than 40 fairs and trade shows every year, all over the world. We keep in constant contact with our users, who tell us about new developments in their work processes and, that way, give us ideas and requests for new or improved WEICON TOOLS.

reddot winner 2020

Best Of 2022 Heimwerker Praxis

WORLD TOOL AWARDS WINNER PROFESSIONAL 2022





In the development of our high-quality stripping tools, we have been working together with the company Krampe from Ascheberg-Herbern near Muenster since 1990.

Our consistent key focus in the production process is on precision to ensure that the products we offer are always of exceptional quality.

Our products are made of high-quality materials, hold numerous certificates and are characterised by their outstanding functionality and durability.

Green Line®

Stripping Tools made from up to 97% renewable materials



What is Green Line?

Together with a group of experts, we have developed the **WEICON TOOLS Green Line®**. A tool range made of up to 97 % renewable raw material.

97 %
made from renewable resources

Proven quality



What can we do to enable a sustainable future? That is a question not only many people ask themselves in regards to their own homes, but also more and more companies. We at WEICON have also been tackling this issue for many years.

That is why we have developed the **WEICON TOOLS Green Line®**. In terms of quality, they are in no way inferior to our classic line and are just as robust and durable.

The material used:

- is based on plant oils, natural waxes, fibres and minerals
- is largely produced without the use of the finite resource crude oil
- has polyamide-like characteristics
- is produced with renewable energy



Cable Strippers | Wire Strippers | Multifunctional Stripping Tools



Cable Stripper No. S 4-28
Art.-No. 10061987



Cable Stripper No. S 4-28 Multi
Art.-No. 10061989



Cable Stripper No. 4-28 H
Art.-No. 10061991



Cable Stripper No. 8-27
Art.-No. 10061996



Cable Stripper No. 4-16
Art.-No. 10061993



Wire Stripper No. 5 LED Set
Art.-No. 10101947



Wire Stripper No. 5
Art.-No. 10061997



Wire Stripper No. 5 Pro
Art.-No. 10105558 NEW



Precision Wire Stripper S
Art.-No. 10062000



Coax-Stripper No. 1 F Plus
Art.-No. 10062002



Coax-Stripper No. 2
Art.-No. 10062004



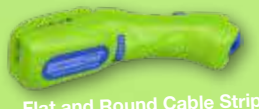
Quadro-Stripper No. 16
Art.-No. 10062006



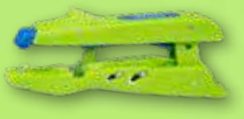
Round Cable No. 13
Art.-No. 10062008



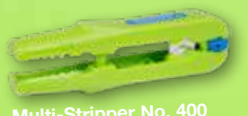
Wire Stripper No. 5 Solar Pro
Art.-No. 10105561 NEW



Flat and Round Cable Stripper
Art.-No. 10105565 NEW



Duo-Crimp No. 300
Art.-No. 10062010



Multi-Stripper No. 400
Art.-No. 10062014



Stripper No. 100
Art.-No. 10062016



Starter Set Pro
Art.-No. 10062018

Production with energy generated in-house

Our tools are produced almost entirely with energy generated in-house – thanks to photovoltaic systems.

Resource-saving production

Faulty tools as well as the sprue produced during injection moulding are remelted at the beginning of the production chain.

Green electricity

At our headquarters in Germany, we now rely on 100 % green electricity.

Repairing instead of replacing

Our WEICON TOOLS are part of the WEICON company – a producer of special chemical products for industrial use. Chemicals and sustainability are incompatible? Not necessarily. With the help of our products, many things can be repaired instead of thrown out and replaced.

Cardboard instead of plastic

Our WEICON TOOLS come in a recyclable cardboard packaging.

Have a look at our WEICON-TOOLS®

CABLE STRIPPER S 4-28

- ergonomically designed and fully insulated
- infinitely adjustable and easy-to-use adjusting wheel
- precise, quick and safe stripping



No. S 4-28 Spiral NEW

Round, longitudinal and spiral cuts for soft and hard cable insulations

- for all standard round cables with a diameter of 4 to 28 mm
- with integrated self-retracting safety blade, which automatically retracts in case of misuse to prevent cuts and injuries
- blade depth comfortably adjustable from 0-3 mm thanks to lockable adjusting screw (in steps of 0.1 mm)
- cutting depth 0-3 mm

mm	g	mm²	Ømm	Art.-No.
145	80	-	4-28	10101939







No. S 4-28 Multi

Stripping function integrated in the housing

- stripping of all standard flexible and solid cables with a cross-diameter between 0.5 and 6 mm²

mm	g	mm²	Ømm	Art.-No.	Green Line (s. page 217)
145	61	0.5-6 (20-10 AWG)	4-28	10030001	10061989





Oberklasse 1,3
Heimwerker Praxis 5/22
Preis/Leistung: gut – sehr gut

No. S 4-28

Safe due to retractable hook blade

- the blade can be locked in both positions

mm	g	mm²	Ømm	Art.-No.	Green Line (s. page 217)
145	72	-	4-28	10021246	10061987





FLAT AND ROUND CABLE STRIPPER

Enables circular and longitudinal cuts on both flat and round cables

- for all common flat cables up to a width of 18 mm
- for all common round cables with a diameter of 6 to 13 mm
- enables circular and longitudinal cuts on both flat and round cables
- stripping function integrated in the housing (from 0.5 to 6 mm²)
- precise work even in very narrow spaces, such as in junction boxes or cable ducts
- cutting depth 0-3 mm
- blade depth comfortably adjustable from 0-3 mm thanks to lockable adjusting screw (in steps of 0.1 mm)
- ergonomically shaped handle

PATENT PENDING



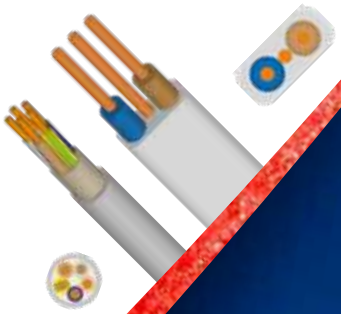
mm	g	mm²	Flat cables	Round cables	Art.-No.	Green Line (s. page 217)
164	106	0,5-6 (20-10 AWG)	18 mm	6-13 Ømm	10068090	10105565



up to 18 mm Flat cable Round cable from 6-13 ø mm









MESSERSTAHL
Qualität aus Solingen

TÜV NORD GS

MADE IN GERMANY DEUTSCHES WERKZEUG FWI

made in Germany

Have a look at our WEICON-TOOLS®

CABLE STRIPPERS

- ergonomically designed and fully insulated
- infinitely adjustable and easy-to-use adjusting wheel
- precise, quick and safe stripping







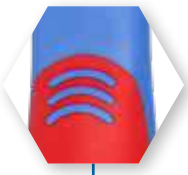


modified Ideal handle shape design



Working range

- for all standard round cables from **4-28 mm Ø**



Design and ergonomics

- large handle diameter with grip zones for optimal haptics and non-slip work
- 2-component handle with “ice crack” design

Adjusting wheel

- easily accessible adjusting wheel for regulation of the cutting depth







Safety

- safety cap on hook blade reduces risk of injury

Bayonet mount

- fast tool-free change of blades with bayonet mount



Cable Strippers

	mm	g	Ømm	Art.-No.
No. 4-16	135	89	4-16	10006784
No. 8-27	135	90	8-28	10006805

	mm	g	Ømm	Art.-No.
No. 4-28 H	175	98	4-28 with hook blade	10012844

	mm	g	Ømm	Art.-No.
No. 4-28 G	175	99	4-28 with straight blade	10012851

	mm	g	Ømm	Art.-No.
No. 28-35	160	91	28-35	10006830
No. 35-50	175	95	35-50	10006839



Classic-Version

	mm	g	Ømm	Art.-No.	Green Line (s. page 217)
No. C 4-16	135	67	4-16	10051155	10061993
No. C 8-27	135	69	8-28	10051157	10061996
No. C 4-28	180	80	4-28 with hook blade	10051159	10061991



No. C 4-16



No. C 4-28



No. C 8-27

WIRE STRIPPERS

Automatic wire strippers for all common stranded and solid conductors.
A scanning system adjusts automatically to the respective wire diameter, and thus permits fast and simple dismantling and stripping.

NEW

LED WORK LIGHT

BESSERE SICHT • SICHERES ARBEITEN
BETTER VIEW • SAFE WORKING

LITHIUM-LIPO BATTERY 180 mAh

IP65

250 LUMEN 6500 K

LED

- luminous flux in lumen 250 lm
- excellent visibility when stripping cables in dark rooms or in outdoor areas

Compact design

- housing made of polycarbonate
- water and dust resistance according to IP 65
- small, lightweight and robust

DESIGNED & DEVELOPED IN GERMANY

Light functions

- adjustable in three levels
- flush-mounted integrated switch
- fully illuminates the work area

Modular

- the housing can be attached to many WEICON TOOLS Wire Strippers as an upgrade
- suitable for: No. 5, No. 5 Pro, No. 5 Classic, No. 5 Solar Pro, No. 7 Magic, No. 7F, No. 7 Solar



MOUNTABLE ON BOTH SIDES



Battery

- maximum runtime (for 2. level): 2 hours
- charging time: approx. 40 minutes
- battery capacity: 180 mAh
- lithium-battery

Power supply

- lithium-battery (rechargeable with supplied USB-C cable)
- charging port protected with dust cap



Scope of delivery

- incl. USB-C connection cable
- instruction manual

mm	g	Colour	Art.-No.
48	15	Red	10100517
		Black	10101948





WEICON TOOLS®
No.1 in Form & Funktion

NEW

Best Of 2023 Heimwerker Praxis



0,2-16 mm² Increased stripping range 24-5 AWG



No. 5 Pro

Large, efficient working range from 0.2-16 mm² (24-5 AWG) | fully automatic, self-adjusting wire stripper

- precise working thanks to adjustable length stop (5-25 mm)
- powerful integrated side cutter up to 3 mm Cu/AL
- ergonomically designed anti-slip multi-component handle

mm	g	mm²	Art.-No.		Green Line (s. page 217)
160	155	0,2-16 mm² 24-5 AWG	**LED-Set:**	10101937	
160	140	0,2-16 mm² 24-5 AWG	**Without LED:**	10062070	10105558

NEW



selbst ist der Mann – PRAXISTEST – Kategorie Abisolier-Werkzeuge – SEHR GUT (1,3) – TESTSIEGER – Ausgabe 04/2018 – www.selbst.de

Our Bestseller





No. 5

Space-saving thanks to locking mechanism

- automatic wire stripper
- precise work with adjustable length stop (5-12 mm)
- integrated, well accessible side cutter up to 2 mm Ø

mm	g	mm²	Art.-No.		Green Line (s. page 217)
170	122	0.2-6 24-10 AWG	**LED-Set:**	10101936	10101947
170	107	0.2-6 24-10 AWG	**Without LED:**	10006786	10061997

No. 6

Working with voltage up to 1000 Volt*
Unit testing according to DIN EN 60900

- fully insulated, automatic wire stripper
- precise work with adjustable length stop (5-12 mm)
- space-saving thanks to locking mechanism

mm	g	mm²	Art.-No.
170	105	0.2-6 (24-10 AWG)	10014847

** Tools with safety insulation are basic prerequisites for working on live wires and parts. Please always pay attention to the legal regulations and follow the corresponding safety advice!*

1000 V
IEC: 60900

No. 5 Classic

mm	g	mm²	Art.-No.
170	107	0.2-6 (24-10 AWG)	10056659





WIRE STRIPPERS



No. 7 *Magic*

The all-rounder for stripping and dismantling
Pat.no. EP 1 671 407 B1

- for many different cable types in building installation
- precise work with optical length scale
- integrated, well accessible side cutter up to 3 mm Ø

mm	g	Round cables	mm²	Art.-No.
170	217	stranded solid	0.5-16 (20-6 AWG) 0.5-10 (20-8 AWG)	10018202





No. 7-F

Stripping and dismantling of all standard flat cables
Pat.no. EP 1 671 407 B1

- precise work with optical length scale
- integrated, well accessible
- side cutter up to 3 mm Ø

mm	g		mm²	Art.-No.
170	220	flat cables	0.75-4 (18-11 AWG)	10017050





DBGM 20 2019 107 281.4

WEICON TOOLS®
No.1 in Form & Funktion

reddot winner 2020

Best Of 2022 Heimwerker Praxis 1/22
Weicon Präzisions-Abisolierer S
Kategorie: Handwerkzeuge

WORLD TOOL AWARDS
WINNER
PROFESSIONAL
2022

Precision Wire Stripper S

Fast, easy and precise stripping of thin wires and conductors

Semi-automatic wire stripper for the fast and safe stripping of very fine conductors, strands or wires with small diameters in the range of 0.12-0.8 mm Ø (36-20 AWG). With the adjustable scaled length stop for the working range from 5 to 45 millimetres, the desired stripping length can be set quickly and reliably.

mm	g		Ø	Art.-No.	Green Line (s. page 217)
112	45	stranded solid	0.12-0.8 mm	10055930	10062000







ESD Precision Wire Stripper

* ESD = dissipative ESD material protects against electrostatic discharge

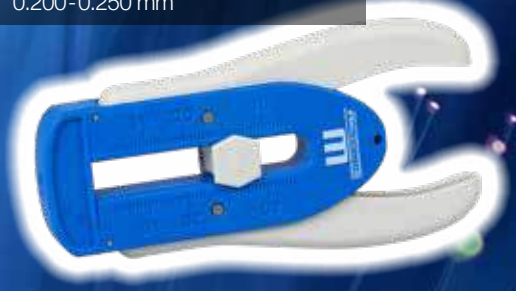
mm	g		Ø	Art.-No.
112	45	stranded solid	0.12-0.8 mm	10006673



Fibre Optic Stripper

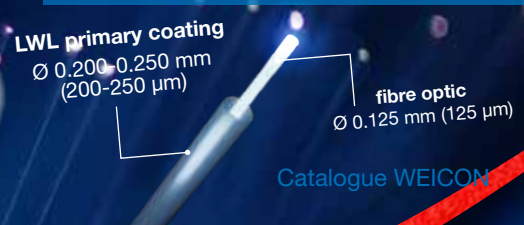
10057551

mm	g	Cable type	Ø	Art.-No.
112	45	fibre optic Ø 0.125 mm	primary coating Ø 0.200-0.250 mm	10057551



fast and easy stripping of fibre optic primary coatings 200-250 µm

- for removing the primary coating on fibre optic cables Ø 0.125 mm
- blade Ø 0.16 mm, opening for cable insertion Ø 0,35 mm
- precise working thanks to adjustable length stop from 5-45 mm
- professional cable stripping technology
- suitable for right- and left-handed users



STRIPPING TOOLS

Our stripping tools allow a range of different cables to be safely and conveniently stripped. The flexible tools can even be reliably used in hard-to-reach areas and always provide precise results.

Coax-Stripper No. 1 F Plus



DBGM 20 2017 107 094

Quick dismantling and stripping of coaxial cables with only one working step

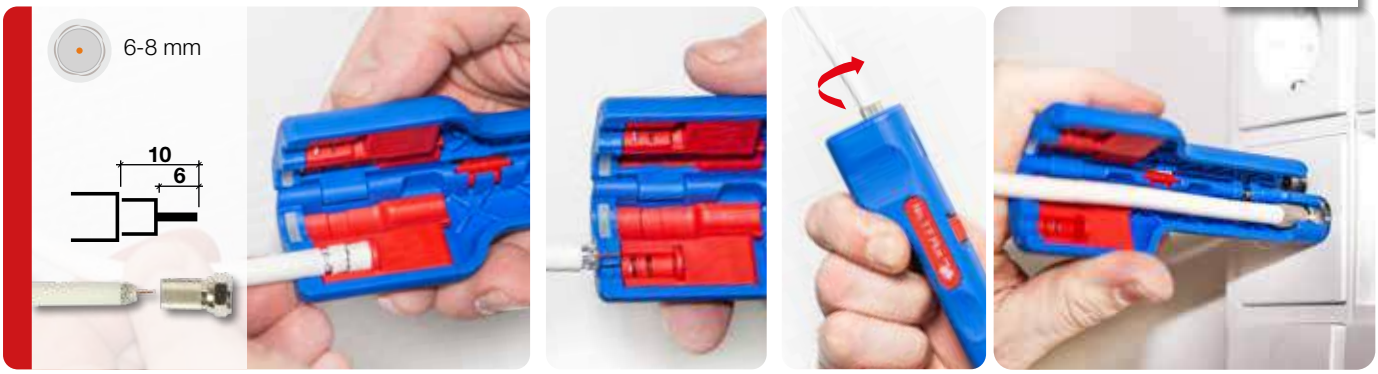
- space-saving assembly and disassembly of F-connectors due to integrated open hexagon wrench with 11 mm width across flats
- gripping jaws for screwing F-connectors onto the cable
- changeable module inserts via click system



mm	g		Ømm	Art.-No.	Green Line (s. page 217)
125	47	for compression connectors	6.0-8.0	10052731	
125	47	for F-screw connectors	6.0-8.0	10051150	10062002
125	47	for compression connectors*	4.0-5.0	10055142	

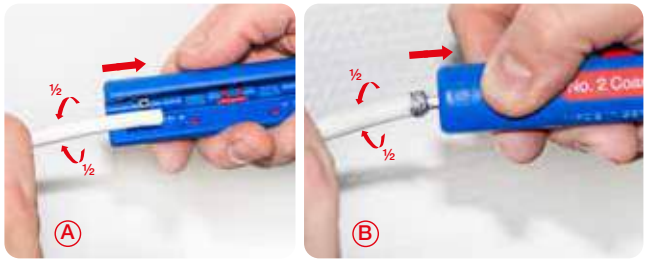
*for mini coaxial cables

For further information and illustrations, take a look at page 244 with our spare parts!











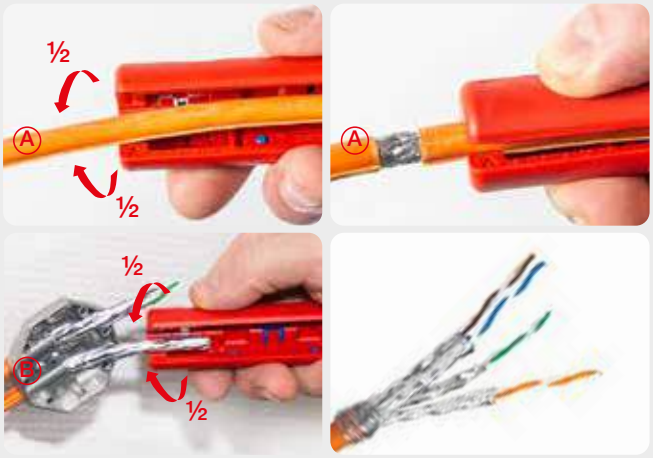
Coax-Stripper No. 2

Good handling due to ergonomic design

- two-level stripping of all common coaxial cables
- there is no need to adjust the cutting depth
- also suitable for flexible cables
- *length scale (0-17 mm) integrated in the housing

mm	g	Ømm	Art.-No.	Green Line (s. page 217)
110	28	4.8-7.5	10006875	10062004





Stripper No. 2 Cat

Easy handling thanks to ergonomic shape

- for insulated PVC data cables (e.g. Cat5, Cat6, Cat7, twisted-pair cables) with a diameter of 4.5-10 mm
- adjusting the cutting depth manually is not necessary
- the precise adjustment of the blade removes the outer jacket accurately. With the second blade, the foil shield is slit open carefully and can then be easily removed

mm	g	Ømm	Art.-No.
110	28	4.5-10	10054014



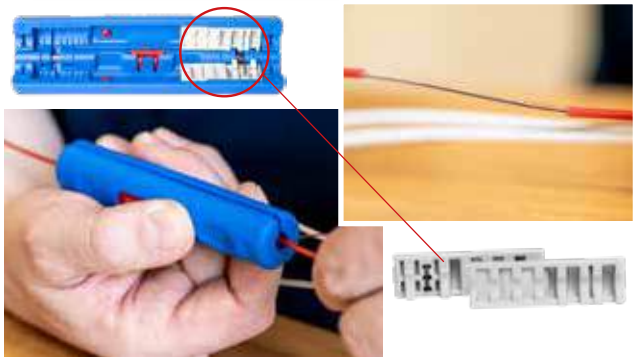
Fibre Optic Tube No. 2

Tool for stripping special buffer tubes on fibre optic cables with a diameter of 1.2 mm to 4 mm. Works with core sleeves, e.g. made of PE, with wall thicknesses of 0.15 mm to 0.6 mm.

- precisely cuts the PE tubes on fibre optic cables
- fast stripping of the loose tubes
- modular pair of blades for fibre optic tubes

mm	g	Ømm	Art.-No.
110	36	-	10062188





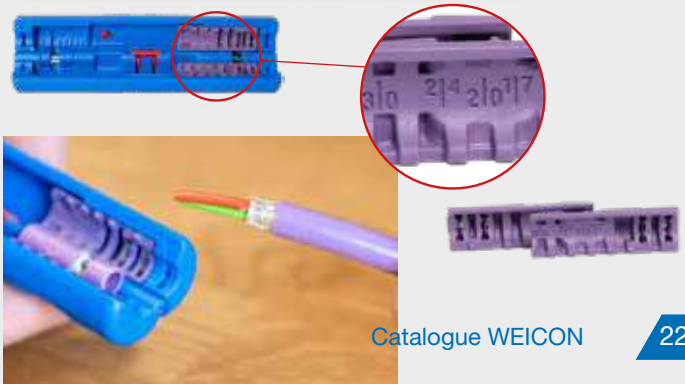
Profibus Stripper No. 2

Stripping tool for e.g. shielded Profibus data cables with a diameter of 5.5 mm to 8 mm, e.g. installing for FastConnect connectors

- cut optimised for FastConnect connectors
- optical length scale optimised for different connector types
- modular pair of blades for Profibus

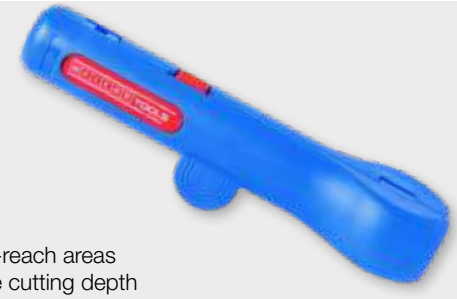
mm	g	Ømm	Art.-No.
110	35	5.5-8.0	10062190





STRIPPING TOOLS

Round Cable Stripper No. 13



Safe work with the ergonomic anti-slip handle shape

- for all standard round cables
- flush stripping, even in hard-to-reach areas
- it is not necessary to adjust the cutting depth

mm	g	Ømm	Art.-No.	Green Line (s. page 217)
140	48	6-13	10006883	10062008







Round Cable Stripper No. 13 Classic



Safe work with the ergonomic anti-slip handle shape

- for all standard round cables
- flush stripping, even in hard-to-reach areas
- it is not necessary to adjust the cutting depth

mm	g	Ømm	Art.-No.
120	44	8-13	10049329



Cat Cable-Stripper No. 10



Easy and space-saving stripping of data and network cables

- suitable for e.g. Cat5, Cat6, Cat7 twisted-pair cables (4.5-10mm Ø)
- integrated length stop, adjustable to the required length
- safe work with the ergonomic anti-slip handle shape

mm	g	Ømm	Art.-No.
140	48	4.5-10	10051142



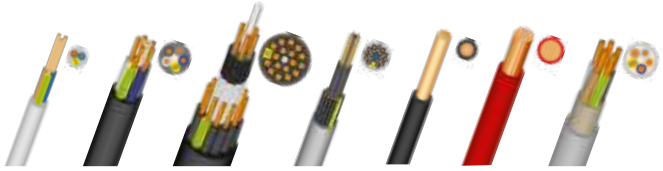


Quadro-Stripper No. 16

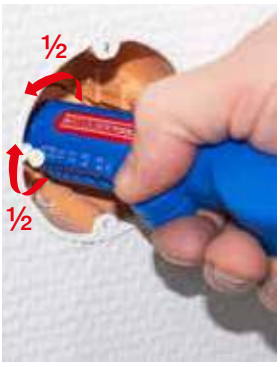
Multifunctional with optimized cable routing

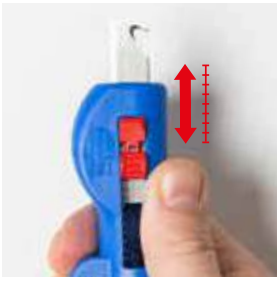
- circular and longitudinal cutting - stripping - cutting
- exchangeable hook blade, firmly locked in any position
- anti-slip handle shape

mm	g	mm²	Ømm	Art.-No.	Green Line (s. page 217)
125	53	0.5-6 (20-10 AWG)	8-13	10038853	10062006











Combi-Coax No. 3

Parallel blade arrangement allows even faster stripping

- allows two- or three-level stripping of all common coaxial cables
- also suitable for flexible cables
- integrated and well accessible side cutter up to 8 mm Ø

mm	g	Ømm	Art.-No.
125	55	4.8-7.5	10013082







MULTI-PURPOSE STRIPPERS



WEICON TOOLS multi-purpose strippers provide various functions: circular and longitudinal stripping, dismantling and cutting. This allows professional dismantling and stripping with just one tool.

Mini-Duo No. 150

Automatic wire stripper

- allows quick and accurate stripping
- precise work with integrated length scale
- easily accessible built-in side cutter for cables up to 6 mm²

mm	g	mm²	Art.-No.
160	112	0,5-6 (20-10 AWG)	10007413









Duo-Stripper No. 200

Professional dismantling and stripping

- quick and simple stripping from 0.5 mm² to 6.0 mm²
- dismantling: working range 4-28 mm Ø
- spare blade in the handle case

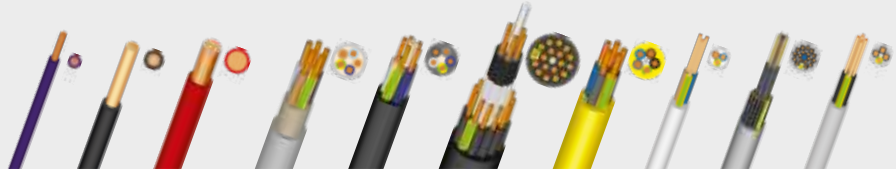


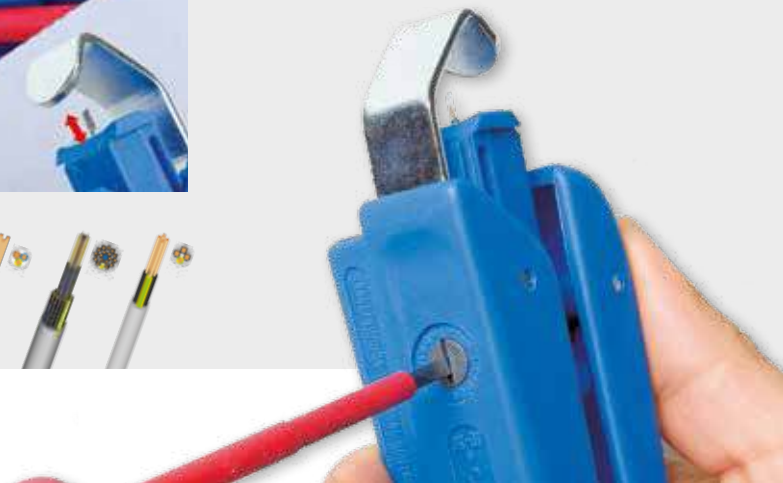
mm	g	mm²	Ømm	Art.-No.
160	123	0,5-6 (20-10 AWG)	4-28	10006853











VIDEO



Duo-Crimp No. 300

Stripping and crimping with just one tool

- insulation removal from 0.5 mm² to 6,0 mm²
- two crimping ranges are offered (0.5-2,5 mm² and 4.0-6.0 mm²) according to DIN 46228-2
- integrated, well accessible side cutter up to 6 mm²

mm	g	mm²	Art.-No.	Green Line (s. page 217)
160	116	0,5-6 (20-10 AWG)	10007406	10062010













STRIPPING + CRIMPING





MESSERSTAHL
Qualität aus Solingen

TÜV NORD GS

MADE IN GERMANY DEUTSCHES WERKZEUG FWI

made in Germany

MULTI-PURPOSE STRIPPERS



Multi-Stripper No. 400

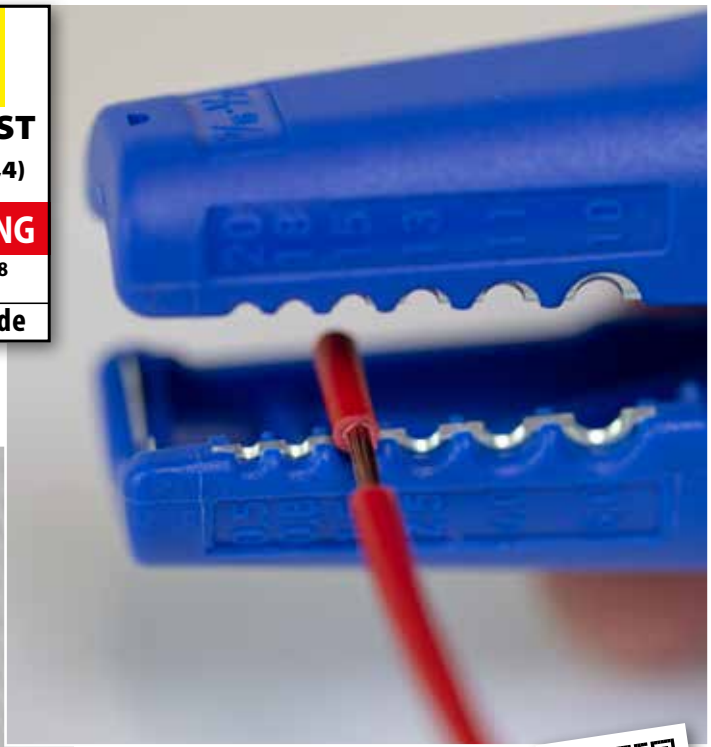
Multifunctional with 4 functions

- circular cutting - longitudinal cutting - stripping - cutting
- flush stripping, even in hard-to-reach areas
- safe and space-saving storage with closing clip

↔ mm	g	mm²	Ømm	Art.-No.	Green Line (s. page 217)
155	79	0,5-6 (20-10 AWG)	8-13	10001620	10062014



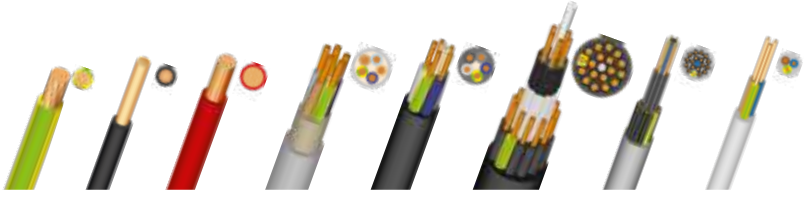
selbst ist der Mann
Das Do-it-yourself-Magazin
PRAXISTEST
– Kategorie: Entmantler –
SEHR GUT (1,4)
2 Produkte mit SEHR GUT
EMPFEHLUNG
Ausgabe 04/2018
7 Produkte im Test
www.selbst.de





VIDEO





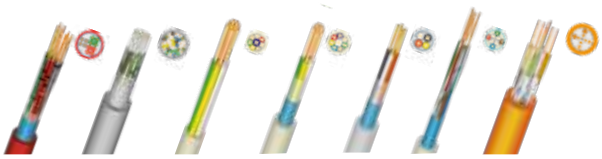


Data-Strip No. 30

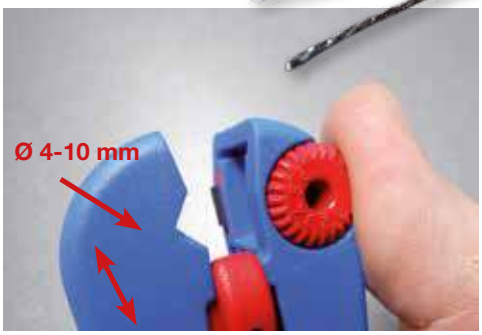
Inner blade can be set to the insulation thickness

- removal of the outer insulation on data cables
- stripping of conductors and stranded wires, e.g. telephone lines
- precise stripping with adjustable length stop (3.5-14 mm)
- integrated, well accessible side cutter up to 8 mm Ø

mm	g	mm²	Ømm	Art.-No.
125	60	0,05-0,5 (0,2-0,8 Ø) (30-20 AWG)	4-10	10033530







1



2



3

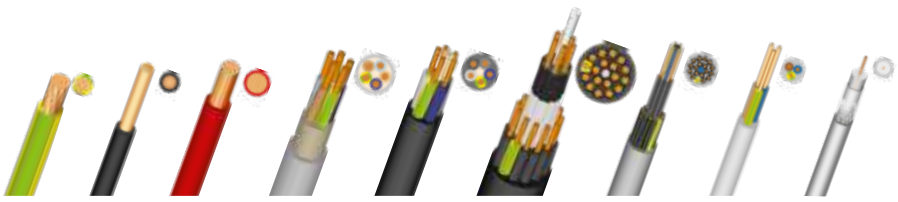


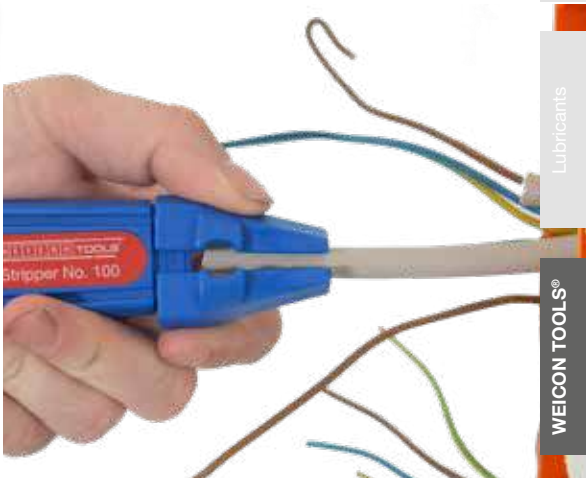
Stripper No. 100

Universal tool for dismantling and stripping

- for many different cable types in building installation
- flush stripping on ceilings and walls
- allows circular and longitudinal stripping

mm	g	mm²	Ømm	Art.-No.	Green Line (s. page 217)
140	74	0,5-16 (20-6 AWG)	4-13	10006798	10062016





CRIMPING TOOLS

The crimp tools were developed for the reliable crimping of various electrical connections. These tools have a ratchet mechanism with a blocking device to ensure a consistently high crimping quality and results that can be precisely repeated. The accurate eccentric setting ensures a high crimping quality thanks to the precisely adjustable crimping force.

16 mm² HEX NEW

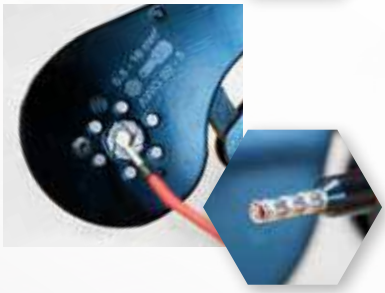
hexagonal crimp facilitates insertion into round terminals

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- working range from 0.5-16 mm² (AWG 20-5)
- serrated dies made from multi-hardened carbon steel
- eccentric setting for precisely adjustable crimping force
- comfortable feel thanks to 2-component handles

mm	g	mm²	Art.-No.
222	586	0.5-16 (20-5 AWG)	10100513

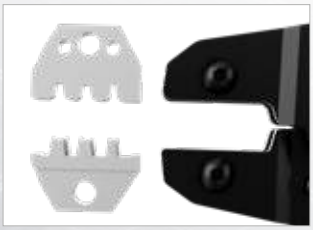
















MC4 NEW

For all standard solar connectors MC4 I 2.5 / 4 / 6 mm²

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- modular Multi Change System for quick module changes
- eccentric setting for adjusting the crimping force
- comfortable feel thanks to 2-component handles

mm	g	Art.-No.
180	378	10100514

FAST MULTI CHANGE SYSTEM

Module			
102	2.5/4/6 mm² *14-10 AWG*		





Multi NEW

Universal crimp tool for various types of electrical connections

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- set of 3: modules for MC4 connectors/insulated wire end ferrules/ insulated cable lugs
- modular Multi Change System for quick module changes
- eccentric setting for adjusting the crimping force
- comfortable feel thanks to 2-component handles

mm	g	Art.-No.
180	378	10100515

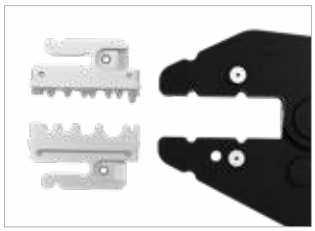
Interchangeable insert				
	Module number 100	0.25-2.5 mm² *24-14 AWG*		
	Module number 101	0.25-6.0 mm² *24-10 AWG*		
	Module number 102	2.5/4/6 mm² *14-10 AWG*		

FAST MULTI CHANGE SYSTEM



Storage

- safe storage of the modules in a box
- faster access to the modules
- dust-protected storage







ERGO NEW

Universal and ergonomic crimp tool for various types of electrical connections

- precise work thanks to ratchet mechanism with blocking device
- process-safe crimping – tool only opens after the crimping process
- emergency release in the handle (in the event of misuse)
- set of 3: modules for MC4 connectors/insulated wire end ferrules/ insulated cable lugs
- modular Multi Change System for quick module changes
- eccentric setting for adjusting the crimping force
- comfortable feel thanks to 2-component handles

FAST MULTI CHANGE SYSTEM

mm	g	Art.-No.
239	534	10100516

Interchangeable insert				
	Module number 200	0.5-6 mm² *22-10 AWG*		
	Module number 201	0.25-6.0 mm² *24-10 AWG*		
	Module number 202	2.5/4/6 mm² *14-10 AWG*		



Storage

- safe storage of the modules in a box
- faster access to the modules
- dust-protected storage



SOLAR

SPECIAL TOOLS

For the stripping and skinning of common photovoltaic cables such as H1Z2Z2-K with a cross-section of 1.5 - 10 mm²

1.5-10 mm²
Especially for the solar sector
16-8 AWG

Side cutter

- powerful integrated side cutter up to 3 mm Cu/AL

Safety

- locking mechanism for safe storage
- tool can be closed and locked for space-saving storage

High performance

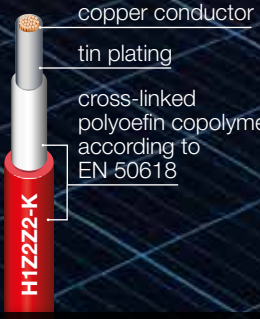
- modular, exchangeable blades
- new stripping range from 1.5-10 mm² (16-8 AWG)
- galvanised, hardened blades
- suitable for all photovoltaic wires e.g. H1Z2Z2-K 1.5 to 10 mm²

Design and ergonomics

- 2-component handle with "ice crack" design
- maximum force transmission
- ergonomic and non-slip
- comfortable feel

Precision and efficiency

- precise working thanks to adjustable length stop
- extended setting from 5-25 mm
- smooth-running, wear-resistant mechanism





also available **without LED**

Individualisation

- optional customisation of the tool with an individual name or number

Protection

- integrated eyelet for attaching a drop guard

Wire Stripper No. 5 Solar Pro

mm	g	mm²	Art.-No.		Green Line (s. page 217)
160	155	1,5-10 (16-8 AWG)	**LED-Set:**	10101938	
160	140	1,5-10 (16-8 AWG)	**Without LED:**	10067897	10105561

VIDEO





Note: Working with WEICON Stripping Tools is only permitted on zero-potential, non-current-carrying cables and conductors.



1,5-10 mm² Increased stripping range 16-8 AWG



video

Wire Stripper No. 7 Solar

- automatic wire stripper with scanning system
- precise work with visual length scale (up to 28 mm)
- integrated, well accessible side cutter up to 3 mm Ø
- special reinforced and hardened blades

mm	g	mm²	Art.-Nr.
170	218	1,5-10 mm² (16-8 AWG)	10025011







Crimping Tool MC4

For all standard solar connectors MC4 I 2.5 / 4 / 6 mm²

page 234

MC4 Solar Spanner

For mounting solar panels with MC4 connections

page 241





Videos

Mini-Solar 1,5/2,5 mm² | Mini-Solar 4/6 mm² | Mini-Solar 10/16 mm²





Mini-Solar

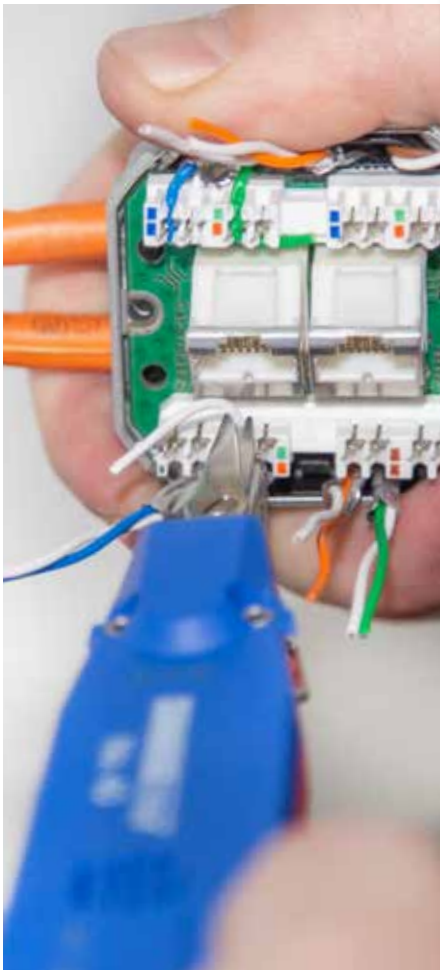
- for all common solar cables such as H1Z2Z2-K
- three different versions for three top-performing areas of use from 1.5 to 16 mm²
- powerful integrated side cutter up to 10 mm²

mm	g	mm²	Art.-Nr.
125	58	1,5/2,5 (16/14 AWG)	10065750
125	58	4/6 (12/10 AWG)	10065752
125	58	10/16 (8/6 AWG)	10065754

SPECIAL TOOLS

For a series of unusual applications, we provide you with special tools which meet these requirements. Whether it is the dismantling of large cable diameters, tools for the solar industry or working on high voltage cables, WEICON TOOLS has the solution!





LSA Sensor No. 40

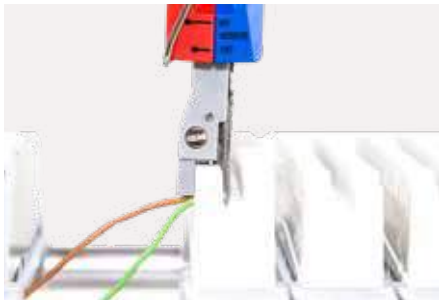
For the solderless, screwless and no-stripping inserting and simultaneously cutting of wire ends into LSA punch-down blocks

- with built-in retractable hook and unlocking blade
- for conductor diameters 0.35-0.9 mm and wire diameters 0.7-2.6 mm
- has a sensor for tracing the wire end position

mm	g	Ømm	Art.-No.
185	60	0.35-0.9	10054013







+ Sensor



Electrician Scissors XL

Cutting - stripping - crimping

- high cutting performance
- large diameter to ensure safe and easy use – suitable for small and large hands
- blades made of special stainless steel
- secure screw joint that can be readjusted if necessary
- a safety box is included for safe storage

mm	g	Cu/Al	Art.-No.
160	117	<50 mm²	10100025

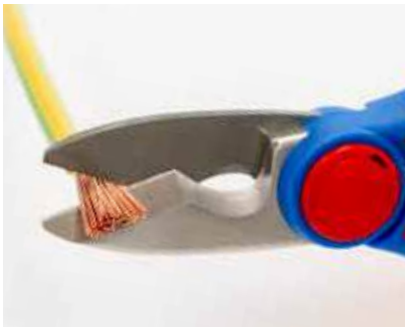




Upper class 1,3 Heimwerker Praxis 1/25 Price/performance: very good

Recommendation Heimwerker Praxis 1/25

CUTTING STRIPPING CRIMPING



+ Crimping

Cable Scissors No. 35

Cutting - stripping - crimping

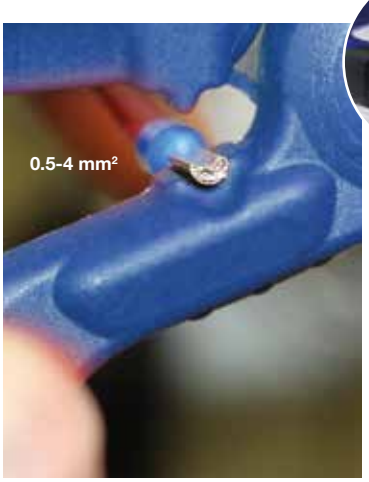
- 2-component handles for increased safety
- high cutting performance
- blades made of special stainless steel

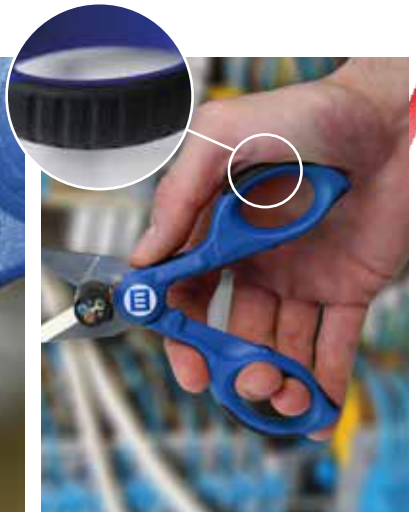
mm	g	Cu/Al	Cu/Al	Art.-No.
150	90	<35 mm²	<50 mm²	10039667





Including safetybox with belt clip



SPECIAL TOOLS

Cable Stripper No. 4 - 29 Spiral

round, longitudinal and circular cutting for soft and rigid cable insulations

- for all common round cables from 4.5-29 mm Ø
- cutting depth can be set comfortably from 0-3 mm with lockable control knob in 0.1 mm steps

mm	g	Ømm	Art.-No.
140	136	4.5-29	10058056



VIDEO









Cable Stripper H.D. No. 1000

1.000 V
IEC: 60900

Working with voltage up to 1000 Volt*
Unit testing according to DIN EN 60900

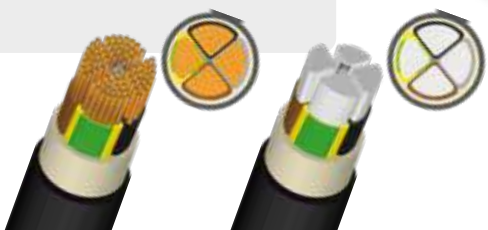
- quick cutting of cables with multiple insulations
- conductor protection with the curved blade tip
- good transfer of force due to optimised handle shape

mm	g	Art.-No.
215	93	10006865

*Tools with safety insulation are basic prerequisites for working on live wires and parts.
Please always pay attention to the legal regulations and follow the corresponding safety advice!







Dismantling Tool No. 25

For convenient longitudinal and circular cuts

- safe working thanks to concealed blade
- wire protection thanks to rounded blade tip
- easy working even in low temperatures
- precise, durable, replaceable turning blade

mm	g			Art.-No.
210	163	>25 mm	0-5,0 mm	10034292







Multi-Opener

The ideal tool for the gentle opening of sensitive equipment and dismounting of clipped housings

- no scratching of sensitive surfaces
- dissipative ESD material protects against electrostatic discharge
- flexible fibreglass-reinforced polyamide
- stainless steel blade to remove adhesive residues

mm	g	Surface Resistance	Art.-No.
180	22	approx. 10^9 Ω	10044966









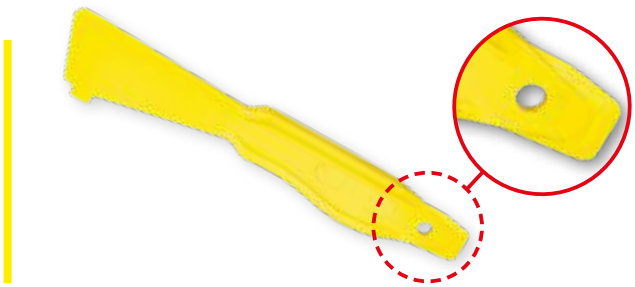


Easy Opener®

Special tool for the gentle disassembly of sensitive components without damaging the material

- ideal for loosening switches, luminaires or similar components
- flexible and stable at the same time
- three surfaces with different material thickness

mm	g	Art.-No.
180	22	10049687











MC4 Solar Spanner

Set of 2

- solar spanner made of fibreglass-reinforced plastic
- universal tool for mounting solar panels with MC4 connections
- suitable for: MC4 connectors
- with integrated unlocking tool for solar connectors

mm	g	Art.-No.
135	42	10101299



TOOL SETS

With our tool sets, we can offer solutions for almost all industries and many different applications.

Crimp-Set Pro



Allround equipment for crimping with wire ends

- Duo-Crimp No. 300
- Wire Stripper No. 7 Magic
- high-quality shaker with 400 wire ends
- (0.5-2,5 mm2) according to DIN 46228

mm Length x Width x Height	g	Art.-No.
340 x 280 x 55	950	10039670

Starter-Set Pro



Ideal selection for house installation

- Wire Stripper No. 5
- Coax-Stripper No. 2
- Cable Stripper No. S 4-28
- Round Cable Stripper No. 13

mm Length x Width x Height	g	Art.-No.	Green Line (s. page 217)
255 x 210 x 60	575	10035247	10062018



Electrical Installation Set 1

- Duo-Crimp No. 300
- Round Cable Stripper No. 13

Art.-No.
10039675



Electrical Installation Set 2

- Wire Stripper No. 5
- Cable Stripper No. S 4-28

Art.-No.
10039676



Electrical Installation Set 3

- Wire Stripper No. 5
- Coax-Stripper No. 2

Art.-No.
10039677



Electrical Installation Set 4

- Wire Stripper No. 5
- Round Cable Stripper No. 13

Art.-No.
10039678



Wire Stripper No. 5 Pro LED Set NEW

- Wire Stripper No. 5 Pro
- LED Work Light

Art.-No.
10101937



Wire Stripper No. 5 LED Set NEW

- Wire Stripper No. 5
- LED Work Light

Art.-No.
10101936



Wire Stripper No. 5 Solar Pro LED Set NEW

- Wire Stripper No. 5 Solar Pro
- LED Work Light

Art.-No.
10101938



Wire Stripper No. 5 Green Line* LED Set NEW

- Wire Stripper No. 5 Green Line
- LED Work Light

Art.-No.
10101947

* Stripping Tools made from up to 97 % renewable materials



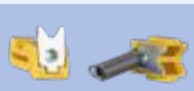
Solar PV Set NEW

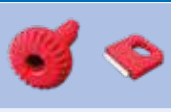
With our comprehensive Solar PV set, you get everything you need for the professional electrical installation of photovoltaic systems. The set is made up of four specialised tools designed to help you install your photovoltaic system efficiently and professionally.

- Wire Stripper No. 5 Solar Pro
- Crimping tool MC4
- Cable Scissors No. 35
- MC4 Solar Spanner Set

mm Length x Width x Height	g	Art.-No.
340 x 280 x 55	1248	10105555

SPARE PARTS

Art.-No.	Name	PU	
10021379	**Spare blade for Cable Stripper series S 4-28 and Flat and Round Cable Stripper** *Inner blade*	1	
10101942	**Spare blade for Cable Stripper S 4-28 Spiral** *Inner blade*	1	
10002962	**Spare blade for Cable Strippers** *Inner blade*	1	
10002680	**Spare blade for No. 200** *Inner blade*	1	
10000288	**Spare blade set No. 5/No. 6** *2 blades + 1 screw*	1	
10062071	**Spare blade set No. 5 Pro**	1	
10067899	**Spare blade set No. 5 Solar Pro**	1	
10018335	**Spare blade set No. 7 Magic** *2 blades + 4 screws*	1	
10017069	**Spare blade set No. 7-F** *2 blades + 4 screws*	1	
10025713	**Spare blade set No. 7 Solar**	1	

Art.-No.	Name	PU	
10033650	**Spare blade set No. 30 Data-Strip** *1 blade + adjusting screw*	1	
10006926	**Spare blade set for No. 150 / No. 200 / No. 300**	1	
10035161	**Spare blade for Dismantling Tool No. 25** *Double edge blade*	1	
10058057	**Spare blade for Cable Stripper 4-29 Spiral**	1	
10039790	**Hook knife for No. 16** *1 hook knife* *1 slider + 1 screw*	1	
10051145	**Inserts for No.1 F Plus 6/4**	6	
10051147	**Inserts for No.1 F Plus 6.5/6.5**	6	
10055661	**Inserts for No.1 F Plus 6/4**	6	
10062264	**Module inserts for Fibre Optic Tubes No. 2**	1	
10062266	**Module inserts for Profibus Stripper No. 2**	1	

ACCESSORIES

Art.-No.	Name	PU	
10100517	**LED Work Light Red** *suitable for No. 5, No. 5 Pro, No. 5 Solar Pro, No. 7 Magic, No. 7F, No. 5 Classic*	1	
10101948	**LED Work Light Black** *suitable for No. 5, No. 5 Pro, No. 5 Solar Pro, No. 7 Magic, No. 7F, No. 5 Classic*	1	
10101299	**MC4 Solar Spanner** *Set of 2*	12	

Art.-No.	Name	PU	
10101331	**3-piece Crimping Set MULTI** *suitable for Crimping Tool Multi und Crimping Tool MC4*	1	
10101327	**3-piece Crimping Set ERGO** *suitable for Crimping Tool ERGO*	1	

PRODUCT PRESENTATION

Green Line®
Stripping Tools made from up to 97% renewable materials



Display Green Line
10062063



WEICON TOOLS Display
approx. 48 cm x 162 cm x 46 cm
10034642

WEICON TOOLS Display with LED lightning
10037602



Roll Up
approx. 85 cm x 200 cm
10039134



Roll Up V1
DE/GB
10062471

Roll Up V2
DE/GB
10062472

Stickers



Posters





Foam Display without tools
approx. 20 cm x 21*/26* cm x 30 cm
10056646

Example: 12x Dismantler
**depending on the size of the packaging*



Foam Display without tools
approx. 15 cm x 23 cm x 30 cm
10056645

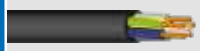
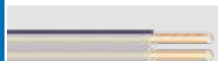
Example: 6x Wire Stripper

MESSERSTAHL
Qualität aus Solingen

CABLE OVERVIEW

The cable types shown in the table below are only meant to give an overview of the potential application areas of our tools. WEICON TOOLS can also be used on similar cable types in many cases, of course.

Furthermore, the application suggestions depend on the material, application area and working range. Our tool recommendation is only a suggestion due to the various materials used by cable manufacturers.

Category	Cable	Wire diameter / Example type	Name	Suggested application Dismantling	Suggested application Stripping
Installation Lines (solid conductors)		(N)YM	PVC coated conductor	All Cable Strippers, No. 13, No. 16, No. 100, No. 200, No. 400, No. 7 Magic	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 400, No. 200
		NHXMH	Halogen-free sheathed cable (PVC-free)	All Cable Strippers, No. 13, No. 16, No. 100, No. 200, No. 400, No. 7 Magic	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 400, No. 200
		NI2XY	Installation line (concrete line)	All Cable Strippers, No. 13, No. 16, No. 100, No. 200, No. 400, No. 7 Magic	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 400, No. 200
		H05V-U	PVC single wire core conductor	---	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		H07V-R	PVC multiple wire core conductor	---	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 100
			PVC flat twin and earth cable	Flat and Round Cable Stripper, No. 7-F	Flat and Round Cable Stripper, No. 7-F
			Flat rubber cable for medium mechanical loads	Flat and Round Cable Stripper, No. 7-F	Flat and Round Cable Stripper, No. 7-F
		JB-Y(ST)Y	Installation cable for fire alarm systems	No. 2 Cat, No. 10, No. 30	No. 30
Control and Electrical Lines (stranded conductors)		H05VV-F	PVC sheathed cable for low mechanical loads	All Cable Strippers (working range from 4 mm), No. 3, No. 200, No. 7 Magic	No. 2, No. 3, No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		H05RR-F	Rubber tube conductor for light mechanical loads	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		(N)FLGöu	Rubber control line	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		XYMM K3	PVC construction cable	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
			PVC control line	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		H05VV5-F	PVC control line oil resistant	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		H05VV-F	PVC hose line for medium mechanical stresses	All Cable Strippers, No. 7 Magic, No. 13, No. 16, No. 100, No. 200, No. 400	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 400
		H05V-K	PVC fine wire core conductor	---	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 300, No. 400, Precision Wire Stripper S/ESD
		H07V-K	PVC wiring conductor fine wire	---	No. S 4-28 Multi, Flat and Round Cable Stripper, No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, No. 16, No. 100, No. 200, No. 300, No. 400, Precision Wire Stripper S/ESD
		LFZ-XY	Special PVC loud speaker cable	---	Flat and Round Cable Stripper, No. 7 Magic, No. 7-F

Category	Cable	Wire diameter Example type	Name	Suggested application Dismantling	Suggested application Stripping
Control and Electrical Lines (stranded conductors)		(H)03VH-H	PVC twin conductor	---	No. 7 Magic, No. 7-F, Flat and Round Cable Stripper
		H1Z2Z2-K	Solar cable	Mini-Solar, No. 7 Solar, No. 5 Solar Pro	Mini-Solar, No. 7 Solar, No. 5 Solar Pro
		LiYY	Electronic control line	No. 2 Cat, No. 10, No. 30	No. 30, Precision Wire Stripper S/ESD
		SiF	Silicone core conductor	---	No. 2, No. 3
		H07RN-F	Heavy rubber hose line fine-stranded	No. 13 Classic	No. 5 Pro, No. 5, No. 16, No. 400, No.100
		H07BQ-F	PUR connection and control cable fine-stranded	Cable Stripper No. 4-28 H, Cable Stripper No. 4-29 Spiral, No. 13 Classic	No. 5 Pro, No. 5, No. 16, No. 400
		SiHF	Silicone connection and control line	No. 13, No. 13 Classic, No. 16, Cable Stripper No. 4-28 H	No. 5 Pro, No. 5, No. 16, No. 400
Data Cables | Fibre Optic Cables | Coaxial Cables		RG 59 B/U	Coaxial cable for the transmission of high frequency signals	No. 1, No. 2, No. 3, No. 100	No. 1, No. 2, No. 3, No. 100
		2YALGY	Coaxial cable (SAT compatible)	No. 1, No. 2, No. 3, No. 100	No. 1, No. 2, No. 3, No. 100
			BUS cable	No. 2 Cat, No. 10, No. 30	No. 30
			Profibus	Profibus Stripper No. 2	---
		LAN 200flex	Patch cable with film shield for local networks	No. 2 Cat, No. 10, No. 30	No. 30
		LAN 1000	Data cable (Cat 7)	No. 2 Cat, No. 10, No. 30	No. 30
		A-DQ(ZN)B2Y	Fibre optic cable / Optical fibre	Cable Stripper No. 4-29 Spiral, Cable Stripper S 4-28 Spiral, Fibre Optic Tube No. 2 (of special buffer tubes for fibre optic cables)	Fibre Optic Stripper
Communication Lines		YYSch	PVC insulated telecommunications sheathed wire 0.6 mm	No. 7 Magic	No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, Precision Wire Stripper S/ESD
		YR	PVC insulated telecommunications sheathed wires 0.8 mm	No. 7 Magic	No. 5 Pro, No. 5, No. 6, No. 7 Magic, No. 7-F, Precision Wire Stripper S/ESD
		F-vYAY	Installation cable for telecommunications systems	No. 2 Cat, No. 10, No. 30	No. 30, Precision Wire Stripper S/ESD
		JE-Y(ST)Y Bd	Installation cable for industry electronics	No. 2 Cat, No. 10, No. 30	No. 30, Precision Wire Stripper S/ESD
Power Cables		E-YY	PVC insulated high voltage cable, single and multi-core cable	No. 25, No. 1000	---
		E-AYY	PVC insulated cable with aluminium conductor	No. 25, No. 1000	---



Pre- and Post-treatment of Surfaces

Primer M 100	25 ml	Pre-treatment for bonding non-absorbent surfaces like metals, plastics, lacquered surfaces	10060606
	250 ml		10023566
Primer K 200	25 ml	Pre-treatment for bonding non-absorbent surfaces and lacquered plastic surfaces as well as elastomeres e.g. EPDM.	10060609
	250 ml		10023567
Primer S 300	25 ml	Pre-treatment of porous and absorbent background.	10060610
	250 ml		10023568
Primer P 400	25 ml	Pre-treatment of polyolefines e.g. TPE, PE, PP.	10060612
	250 ml		10023569
Primer E 500	25 ml	Especially for silicone - for pre-treating non-absorbent surfaces such as aluminium, VA steel, brass, copper, zinc, tinplate and enamel, ceramic and glass as well as plastics such as ABS, PVC hard, PA6.6, GFC etc.	10060616
	250 ml		10035220
1K Primer G	50 ml	Special bonding agent for urethanes to pre-treat rubber and metal surfaces.	10104191
Activating Cleaner	400 ml	Cleaner and primer in one product. For the pretreatment of bonding surfaces.	10062859
Smoothing Agent	500 ml	The Smoothing Agent is a transparent mixture of non-ionic surface activators. Applying it makes it possible to easily and cleanly smoothe all WEICON Elastic Adhesives and Sealants such as silicone, MS polymers, polyurethane, etc. prior to skin formation.	10038838
	5 L		10039360
Activator for RK-1300 & RK-1500	100 ml	Activator (100 ml pump dispenser or 1 l bottle) for processing RK cartridges and large containers.	10000128
	1 L		10000131
CA Primer for Polyolefines	10 ml	Pre-treatment for bonding polyolefines in combination with WEICON Contact Cyanoacrylates.	10000275
	100 ml		10000278
	1 L		10000279
CA-Activator Spray	150 ml	Accelerates the curing time of WEICON Contact Cyanoacrylate Adhesives.	10000282
	1 L		10002852
CA-Activator Spray AC	150 ml	Activator for cyanoacrylate adhesive on the basis of acetone. For joints without “blooming” effect, especially with high-viscosity types and larger adhesive layers.	10033805
	1 L		10025897
CA-Remover	30 ml	Breaks down and removes all types of cyanoacrylate adhesives. Suitable for cleaning metal parts, tools, and many other surfaces that have come into contact with cyanoacrylate adhesives.	10051358
CA-Activator Spray PS	150 ml	Heptane-based curing accelerator for WEICON Cyanoacrylate Adhesives with pump spray head – used to wet the surfaces to be bonded.	10067893



Ancillary Products and Accessories



Pre- and Post-treatment of Surfaces

Surface Cleaner	150 ml	WEICON Surface Cleaner is used for the cleaning and degreasing of surfaces to be joined or sealed with WEICON Adhesives and Sealants.	10024317
	400 ml		10024313
	1 L		10025301
	5 L		10025288
	10 L		10025292
	28 L		10053467
Activator F Spray	200 ml	Pre-treatment with WEICON Activator F can reduce the curing time considerably. The Activator is recommended for all passive surfaces as well as for low ambient temperatures (< +10°C/+50°C) and for large bonding gaps. On non-metallic surfaces, only the Activator enables WEICONLOCK to cure. To achieve fast curing on passive surfaces even if no activator is or ought to be used, we recommend the use of the types AN 302-44, AN 302-60, AN 302-80, AN 306-10, AN 306-30 and AN 305-78. The initial strength is reached faster than with the standard types (without Activator).	10021433
Activator F Liquid	1 L		10007773
Mould release agent Wax P 500	500 g	Wax P 500 is a release agent on a waxy basis for epoxy resins and polyurethanes. It is especially suitable for release processes from rough and/or porous surfaces.	10026171
Mould release agent Liquid F 1000	1 L	Liquid F 1000 is a release agent on a waxy basis for epoxy resins and polyurethanes. It is especially suitable for release processes from smooth and non-absorbent surfaces.	10026167



Mixing and Dosing Systems

Hand Dispenser D 50 10:1		Suitable for Easy-Mix PE-PP 45.	10059295
Manual Dispenser	1:1/2:1	Application aid for Easy-Mix products in 50 ml cartridge. Pusher for mixing ratios 1:1 and 2:1.	10101999
	10:1	Application aid for Easy-Mix products in 50 ml cartridge. Pusher for mixing ratio 10:1.	10102860
Mixing nozzle 10:1 B	10 g	Suitable for VA 2407 10 g.	10063091
	50 g	Suitable for Easy Mix PE-PP 45.	10023115
Dispenser Easy-Mix D 50	1:1	Suitable for all Easy-Mix types and PE-PP. Not suitable for VA 2407.	10005237
	2:1	Suitable for all Easy-Mix types and PE-PP. Not suitable for VA 2407.	
Special Piston	1:1, 2:1	For adapting the Easy-Mix D50 dosing gun to Easy-Mix PE-PP 45	10022280
	10:1	For adapting the Easy-Mix D50 dosing gun to Easy-Mix PE-PP 45	10023341
Quadro Mixing Nozzle B		Quadro Mixing Nozzle suitable for Plastic-Bond, Easy-Mix RK-7000, RK-7100, RK-7100 black, RK-7200, RK-7300	10029793
Quadro Mixing Nozzle A		Quadro Mixing Nozzle suitable for Epoxy Minute Adhesive, Aluminium Minute Adhesive, Plastic-Bond Easy-Mix: PU 90, Easy-Mix PU 240, PU Crystal, S 50, S 50 yellow, N 50, N 5000	10005236
Helix Mixing Nozzle B		Helix Mixing Nozzle suitable for Easy-Mix PE-PP 50	10030395
Helix Mixing Nozzle A		Helix Mixing Nozzle suitable for Easy-Mix HT 180, Easy-Mix HT 250, Easy-Mix Metal	10026925
Glass Fibre Cloth Tape		Improves adhesion and pressure resistance of WEICON epoxy resins at many repair and maintenance jobs.	10000913
Injection Packer Set		System for gap compensation on bridges, pillars, machines, and plants. For processing gap-bridging products (WEICON Plastic Metal). The Injection Packer Set comprises a threaded nozzle R1/4"-8 PA6, one metre tube PE 10x8 mm, and a tube valve PE. Injection Packers are available in the sizes 50x30x10 mm and 50x25x25 mm.	10057667
		Injection Packer / flat	10057731
		Injection Packer / rectangular	10057730
Processing Spatula	short (20.5 cm)	For universal use, e. g. processing of two-component adhesives, application of epoxy pastes, removal of adhesive residues, and many others. Available in two different sizes.	10010887
	long (25.5 cm)		10022562
Universal Spatula White		Special spatula for the gentle removal of the most diverse contamination and residues.	10039185
Contour Spatula Flexy		Versatile use, e.g. for coating and processing two-component adhesives. The spatula is perfect for applying adhesives on large or small surfaces. The spatula is made of wear-resistant polyamide.	10010066
Spiral Stirrer stainless steel		Spiral stirrer stainless steel.	10001978
Double Nozzle		Multifunctional spray head for exact dosage in areas difficult to access. Suitable for more than 40 WEICON sprays.	10044969
Dosing Tips A Size 0.5		For WEICON Easy-Mix types, for even more accurate dispensing (except for HT 180, RK-7300 and PE-PP) and for the precise, meticulous and economical application of WEICON Contact	10068261
Dosing Tips S Size 0		For exact, economic and point-to-point applications of WEICON Contact Adhesives.	10068262
Dosing Tips L Size 1		For exact, economic and point-to-point applications of WEICONLOCK.	10001256



Ancillary Products and Accessories

Mixing and Dosing Systems

Cartridge Gun “Standard”	For low and medium viscosity adhesives. Suitable for standard cartridges up to 310 ml.	10000441
Cartridge Gun “Special”	Professional quality. Recommended for medium and high viscosity adhesives. Suitable for standard cartridges up to 310 ml.	10020751
Compressed Air Cartridge Gun	For low and medium viscosity materials (310 ml cartridges). 1.45 kN thrust at 6.8 bar operating pressure.	10033114
Dispenser 2C 10:1	Recommended for the 2-component 540g cartridge.	10057514
Mixing Nozzle MFHX	Suitable for Urethane 85 and Urethane 85 SF (540-g-Cartridge), Belt Repair Kit 590 g and Belt Repair Kit SF 590 g	10057191
Cartridge Cutter	For problem-free and safe cutting of plastic cartridge caps as well as for vertical or bevelled cutting of cartridge nozzles.	10022061
Special Mixing Nozzle	For Flex 310 M 2 K fast curing.	10027692
V-Joint Nozzle	For all one-component standard cartridges.	10025241
Primer Applicator	For application of WEICON Primer.	10032350
Presspack Dosing Tip	Dosing tip for the WEICON products Plast-o-Seal, Flex-+bond, Black-Seal and Anti-Seize in the presspack.	10045037
Presspack Ergo Connect	Ergonomic dosing tip for WEICON Presspack products. Fatigue-free working thanks to optimised angle geometry. The two-way thread enables an application radius of 180°. Compatible with WEICON dosing tip and brush top.	10060345
Pump Dispenser WPS 1500	Refillable pump dispenser for many WEICON liquids.	10016002
Extension Piece for WPS 1500	Plastic prolongation 30 cm with nozzle 0,8mm (plastic).	10016213
Gasket Kit Viton	Gasket Kit Viton for Pump Dispenser WPS 1500 V	10023969
Pressurized-Air Spray Can WSD 400	Pressurized-Air Spray Can - refillable.	10009301
Spray Valve Set for WSD 400	Valve Set (four different valves and a ball valve with dip tube).	10009303
Adapter for WSD 400	Adapter for filling from the compressed-air mains.	10000393
Pump Dispenser “Standard”	For all WEICON Technical Liquids which are free of solvents and mineral oil.	10000401
Pump Dispenser “Special”	For WEICON Cleaner S, Brake Cleaner and Rust Loosener.	10000402
Adjusting Valve for Cans 5 and 10 L / 28 L	For the exact dosage of WEICON Technical Liquids from the can.	10000398
Presspack Brush Top	WEICON Presspack brush top for Anti-Seize.	10045486
Brush 35 long, adhesive	Natural bristles 46 mm, for viscous materials	10065455
Brush 35 short, flat, Plastic Metal	Natural bristles 24 mm, for flowable materials	10059417
Brush 60 short, flat, Plastic Metal	Natural bristles 24 mm, for flowable materials	10068373
Green Tube* Empty cartridge casing with lid	-	10104446
Green Tube* Clip nozzle	-	10101992

* 80 % less plastic compared to conventional plastic cartridges



Floor and Foam Displays

Equipment suggestion. Supply of the displays is without products.



Display WEICONLOCK Pen
approx. 50.5 cm x 221 cm
10029306



Floor Display Universal
approx. 39 cm x 48 cm x 180 cm
10048664



Display Green Line
approx. 50.5 cm x 233 cm
10062063



Display Green Tube
approx. 62.2 cm x 212 cm
10105440



WEICONLOCK
30 x 50 ml oval
10031334



WEICONLOCK
50 ml half oval
10049506



CA 30 g/WEICONLOCK 20 ml
half oval
10049503



Cartridges 310 ml
half oval
10049502



Mini tube-shaped bag 85 ml
rectangular
10101788

Product Presentation



WEICON TOOLS Shelf System
approx. 48 cm x 162 cm x 46 cm
10034642

WEICON TOOLS Shelf System with LED-light
10037602

Counter Displays



Display Sprays
approx. 20.5 cm x 48.7 cm x 35 cm

500 ml Spray	10036464
400 ml Spray	10034409

Inlay 400 ml

Multi Foam	10034614
Citrus Cleaner	10034613
AT-44	10034612
W 44 T	10034611
Surface Cleaner	10034610
Silicone Spray	10034609
Zinc-Spray bright grade	10034608
Rust Converter	10049832

Inlay 500 ml

W 44 T	10045852
Industrial Cleaner	10056600
Cleaner Spray	10039890



Sales Display Double Syringe 12 pcs
approx. 20 cm x 15 cm x 3 cm
10102032

Sales Display Double Syringe 24 pcs
approx. 30 cm x 20 cm x 3 cm
10102033

Roll-Ups
approx. 85 cm x 200 cm



Roll Up WEICON Chemie
10026739



Roll Up WEICON TOOLS
10039134



Roll Up DE Green Tube
10105117



Roll Up V1 DE/GB
10062471

Roll Up V2 DE/GB
10062472



Product Presentation







Equipment suggestion. Supply of the displays is without products.

Brochure Display Stand and Foam Displays









Our Download-Center

Product Presentation

Application areas


Agricultural Technology


Building Trades


Mining

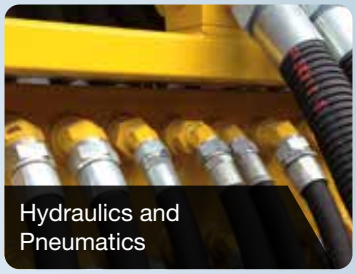

Stainless Steel


Electrical Installation


Energy Technology


Automotive and Transport


Rubber and Plastic Industry


Hydraulics and Pneumatics


Maintenance


Food, Pharmaceutical and Cosmetic Industry


Mechanical Engineering


Oil and Gas


Marine Industry


Tooling, Model and Mould Making Industry


Occupational Safety and Process Optimization


Drive and Conveyor Technology



REFERENCES | CERTIFICATES

Excellent quality, technology, safety, services
and an outstanding employer – that's what sets us apart!















































First place top employer among medium-sized companies | TÜV Rheinland | ISEGA | NSF | DNV | ISSA | IMPA | TÜV Nord | DVGW | BAM | Bundespreis 2000 | AGA | Hygienic assessment in contact with water | Supplier of the year 2021 | WRAS | ABS | RINA | VDI | MED



Securing the transport of an oil rig with WEICON Plastic Metal RFC, a specially developed type for extreme requirements in the offshore sector.

1,500-2,000 kg of WEICON Plastic Metal RFC are used for each transport job.

Transport of an oil rig

Previous solution:

Current solution:

WEICON SOLUTIONS FOR ALL AREAS

WEICON SOLUTIONS

Find the right product for your **application**





Our range of products is very large. That's why it's not always easy to find the right product for your application. So if you don't know exactly what to look for, our Product Finder can help you.

Try it out!

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