

# XYT

## Diamond Lapping Film

XYT D Series Precisely graded diamond minerals are coated on a high strength polyester film. D Series is especially suitable for polishing the end-face of optical fibers and connectors, stainless steel, metal, gemstones, semiconducting materials, etc. Grits available are 0.5µm, 1 µm, 3µm, 6µm, 9µm, 15µm, 30µm, 45µm and 60µm.



Item	Grits
D0.5	0.5
D1	1
D3	3
D6	6
D9	9
D15	15
D30	30
D45	45
D60	60

### Specification

Item	D Series
Size	5inch, 6inch, 8inch, any other sizes are available
Backing	Polyester, PSA
Thickness	3mil, 5mil

### Features

1. Uniform dispersion of abrasive particles.
2. Sharp and good durability.
3. High polishing accuracy.
4. Stable product quality, small difference in batch nails
5. Suitable for polishing with dry, water or oil.

### Application



Fiber Optical connetors



Ceramic ferrule



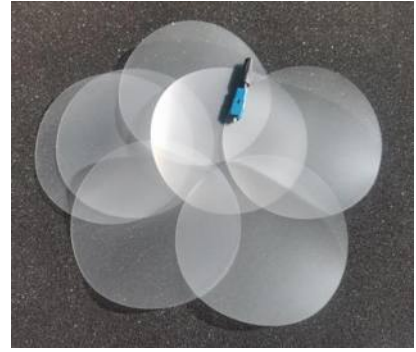
Gemstones



Stainless steel

## Silicon Dioxide Finishing polishing Film

XYT SiO<sub>2</sub> is suitable for the final step of polishing optical fiber jumpers which can offer smooth polishing with minimum scratches. A 100nm Silicon Oxide polishing film, excellent polish performance to reach a perfect 3D parameter.



Item	Grits
SiO <sub>2</sub>	0.01micro

### Parameters

Base: 3mil PET film

Material: Silicon Oxide, 100nm.

Polishing Time: 15-20s.

Life Span: 5-10times.

Polishing fiber height: 0-50nm.

### Features

1. Evenly-sprayed particles on coated surface.
2. Good intensity.
3. Suitable for polishing with dry, water or oil medium.
4. High removal ratio & surface effects.
5. Durable polishing rate compared to existing polishing films.
6. Positioned lapping & polishing to save abrasive material.

### Application: Final polishing



Fiber optical connectors



Ceramic ferrule



Gemstones

## Cerium Oxide polishing Film

XYT CE Precisely graded cerium oxide minerals are coated on a high strength polyester film which is especially suitable for polishing the end-face of optical fibers and connectors, quartz, gemstones, etc. Grits available are 0.5 $\mu$ m , 1 $\mu$ m;

Item	Grits
CE-0.01	0.01
CE-0.2	0.05
Flocked CE0.5	0.5



### Parameters

Base: 5mil PET film/ Flocked Film

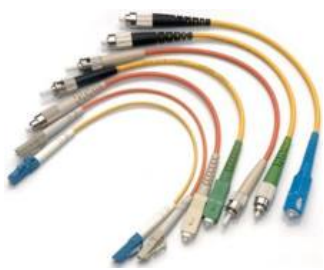
Material: Cerium Oxide

Polishing Time: 15-20s.

### Features

1. Evenly-sprayed particles on coated surface.
2. High removal ratio & perfect surface effects.
3. Suitable for polishing with dry, water or oil medium.
4. Durable polishing rate compared to existing polishing films.

### Application



Fiber optical connectors



Gemstones



Quartz

**MPO Lapping Film**

XYT MPO is produced by using the latest ultra-precision coating technology which is often used for precision polishing of MPO fiber optic jumpers, metal core, semiconducting materials, etc.



Item	Grits
SC-1	1
SC-3	3
SC-6	6
SC-9	9
SC-15	15
SC-30	30
Black Cloth YMZ-8	5 inch Black Cloth
Polising Liquid SC-1	500ML Polising Liquid

Item	Grits
SC-1A	1
CE0.5B	0.5
Flocked SC1	1
Flocked AO1	1
Flocked CE0.5	0.5

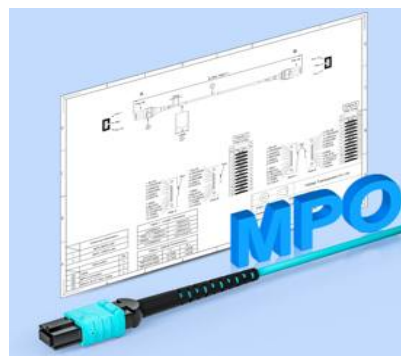
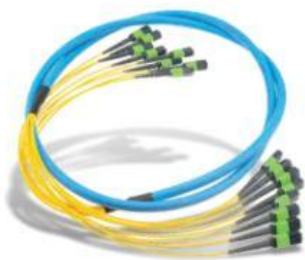
**Specification**

Item	MPO
Abrasive	Silicon carbide/ AO/CE
Size	5inch, 6inch, 8inch, any other sizes are available
Backing	Polyester, Coth, PSA

**Features**

1. Uniform dispersion of abrasive particles.
2. Good durability.
3. Stable product quality, small difference in batch nails

**Application**



# DTH Micro Finish

## Diamond Lapping Film Roll

XYT DTH is produced by ultra-precision coating technology. Precisely graded diamond minerals are coated on a high strength, 3 or 5 mil polyester backing to provide a uniform and consistent finish. It is mainly used for grinding and polishing ceramic rollers, tungsten carbide rollers, anilox rollers and cemented carbide rollers. Grits available are 1µm, 3µm, 6µm, 9µm, 15µm, 30µm, 45µm, 60µm and 80µm.

Item	Grits
D-1	1
D-3	3
D-6	6
D-9	9
D-15	15
D-30	30
D-45	45
D-60	60
D-80	80



## Specification

Item	DTH Micro Finish Film
Size	101.6mm*15m, 101.6mm*45m, any other sizes are available
Backing	Polyester
Thickness	3mil, 5mil

## Advantages

1. High removal rate.
2. Consistent effect.
3. Perfect surface

## Application

Ceramic rollers, tungsten carbide rollers, anilox rollers and cemented carbide rollers.



## Aluminium Lapping Film Roll

XYT AO is produced by ultra-precision coating technology. Precisely graded aluminium oxide minerals are coated on a high strength , 3 mil polyester backing to provide a uniform and consistent finish. It is mainly used for grinding and polishing metal and LCD panel. Grits available are 1 $\mu$ m, 3 $\mu$ m, 6 $\mu$ m, 12 $\mu$ m, 30 $\mu$ m, 45 $\mu$ m and 60  $\mu$ m.



Item	Grits
AO-1	1
AO-3	3
AO-6	6
AO-12	12
AO-30	30
AO-45	45
AO-60	60
AO-80	80

### Specification

Item	AO
Size	7mm*100m any other sizes are available
Backing	Polyester cloth
Thickness	3mil

### Advantages

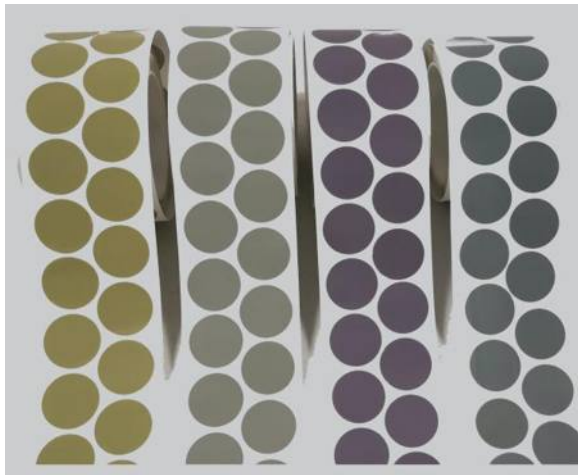
1. High removal rate.
2. Consistent effect.
3. Perfect surface

### Application

Metal and LCD panel.



SC



## Polish disc for Automotive industrial Market

XYT SC is made by using precision coating technology and micro-structure repetition technology to coat the dispersed abrasive on the substrate. The product has a microscopic pyramid structure and regular repeated arrangement on the base material. It can be used in automobile painting process and later automobile beauty maintenance to remove the body paint defects, small particles or foreign matters. Can also be used in piano, high-grade furniture and other lacquer polishing treatment, play a role in beauty and protection of the paint.



## Specifications

Abrasive Material	Silicon Carbide
Application	Finishing
Application Category	Paint Prep, Finish & Repair
Attachment Type	PSA
Backing Material	Film
Backing Thickness (Imperial)	3 mil
Brand	XYT
Color Family	Green , Gray, Purple , Blue
Equipment – Machines	Hand-held point mill
For Use On	Clear Coats, Paint, Plastic
Hole Configuration	Plain
Industries	AOEM, General Industrial, Marine, Paint Preparation
Maximum Speed	10000 rpm
Micron Grade	A3, A5, A7,A9
Overall Diameter (Imperial)	19 mm, 25mm , 32 mm, 35 mm, 50.8 mm, 76.2 mm

**Order example standard model**

SC

**Packaging unit**

500 pcs/roll,

### CT636 highlights

- Suited for most automotive lacquers or same materials.
- More economic than abrasive foil or slurries.
- Available for smooth and profiled surfaces.
- Longer service life than abrasive paper
- Clean operation because no abrasive slurry is needed.

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Где купить:

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