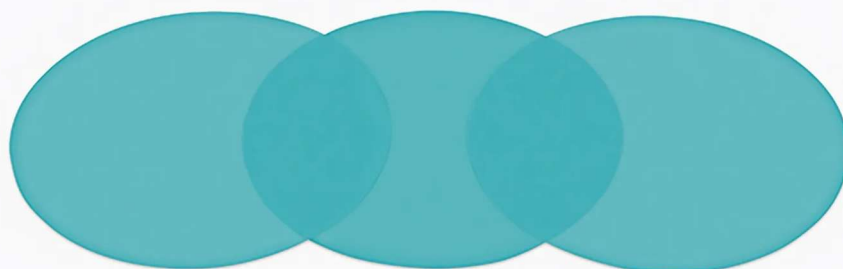


Optical Fiber Tool**TECHNICAL DATA SHEET****9 μm Fiber Optic Polishing Film**

9 μ m Fiber Optic Polishing Film

Product Description

The 9 μ m Fiber Optic Polishing Film is a high-quality precision lapping film designed for the initial polishing stage of fiber optic connector ferrules. It features premium aluminum oxide (Al_2O_3) abrasive particles uniformly coated on a durable polyester (PET) backing, providing fast material removal while maintaining excellent surface uniformity.



With a 127 mm (5-inch) diameter, this polishing film is compatible with most standard manual and automatic polishing machines. It is suitable for polishing ceramic ferrules used in SC, LC, FC, ST, MU, MPO/MTP, and other fiber optic connectors for FTTH, telecommunications, CATV, and data center applications.

Product Features

- Precision **9 μ m aluminum oxide abrasive**
- Designed for coarse/initial polishing
- High material removal rate
- Uniform abrasive particle distribution
- Excellent polishing consistency
- Low scratch rate
- High wear resistance
- Long service life
- Compatible with manual and automatic polishing equipment
- Standard **127 mm (5-inch)** polishing film

Applications

- Fiber Optic Connector Manufacturing
- Initial Ferrule Polishing
- Fiber Patch Cord Production
- FTTH Component Assembly
- Telecommunications Equipment Manufacturing
- Optical Connector Repair
- CATV Networks
- Data Center Fiber Assemblies

Product Specifications

Parameter	Specification
Product Type	Fiber Optic Polishing Film
Abrasive Material	Aluminum Oxide (Al_2O_3)
Abrasive Size	9 μm
Film Diameter	127 mm (5 inch)
Film Color	Green (<i>Typical</i>)
Backing Material	Polyester (PET)
Quantity	1 Piece
Surface Finish	Precision Coated
Polishing Stage	Initial / Coarse Polishing

Compatible Connectors

- SC
- LC
- FC
- ST
- MU
- E2000
- MPO/MTP
- SMA
- DIN Connectors

Mechanical Specifications

Item	Specification
Film Shape	Circular
Diameter	127 mm
Backing Material	PET Polyester
Abrasive Coating	Precision Uniform Coating
Wear Resistance	High

Environmental Performance

Parameter	Specification
Operating Temperature	0°C to +50°C
Storage Temperature	-20°C to +60°C
Storage Humidity	<70% RH
Storage Condition	Clean and Dry Environment