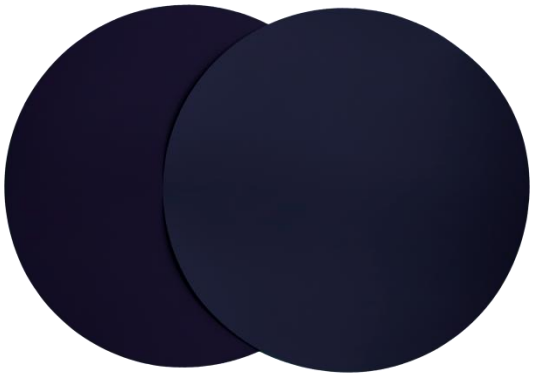
PF-SC Silica Carbide Lapping Film



Introduction

TROJAN PF-SC series of Silicon Carbide lapping films are mainly applied in fiber connectors, used for precision grinding and polishing in electronic chips, metallographic sample preparation, and related applications. Available in grades 9–3 micron to refine the surfaces and 1 to 0.1 micron for finer finishing.

This product is manufactured by uniformly dispersing Silicon Carbide abrasives with new polymer materials,coating them onto the surface of a high-strength film,and then processing them through high-precision cutting technology.

Product Features

- Specialized formulation and process technology ensure uniform dispersion of abrasive particles.
- Stable quality between product batches with minimal variation.
- Combines the high grinding efficiency of bonded abrasives with the polishing precision of free abrasives such as polishing slurry.
- Strong abrasive adhesion with minimal contamination to the workpiece.
- Good strength and flexibility,enabling ideal curved-surface polishing performance.

Technical parameters

Base Material	PET
Base Thickness	75 μm (3 mil)
Abrasive	Silicon Carbide
Particle Size /μm	1
Cutting Specification	Can be customized into different widths and lengths according to requirements

Particle Size	Backing
D50=8.8±0.3μm	3mil/75μm PET
D50=5.8±0.2μm	3mil/75μm PET
D50=3.1±0.2μm	3mil/75μm PET
D50=1.0±0.1μm	3mil/75μm PET
D50=0.3±0.1μm	3mil/75μm PET
D50=0.1±0.05μm	3mil/75μm PET

Instructions for Use

Attach the polishing film onto the grinding machine.Water should be added during polishing for lubrication.

Storage and Transportation

1. Storage Temperature:0 ~35 °C
2. Storage Humidity:20%~80%
3. Shelf Life:2 years