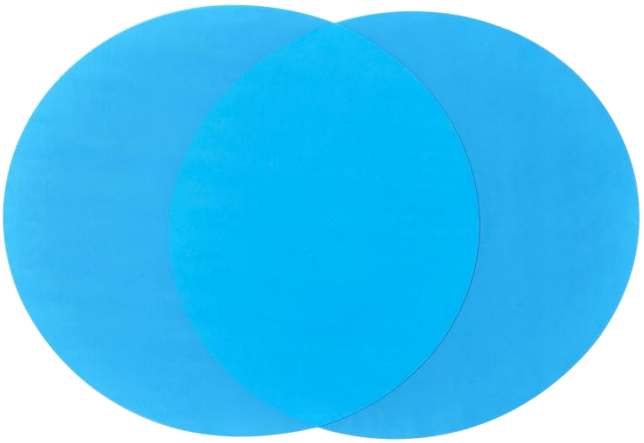
PF-AO Alumina Lapping Film



Introduction

TROJAN PF-AO series of Alumina 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 alumina 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	Alumina
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