

Abrasives Product & Systems Catalogue

Premium Diamond Lapping Films & Abrasive Consumables

01.01.2025 – 31.12.2025

KNORITECH ISE Ltd. נוריטק איי אס אי בע"מ

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🌐 www.knoritech.com

1. Premium Diamond Lapping Films (Best Seller)

₪62/unit • ₪56/unit (for 100+ pcs or 1,000 pcs/year)

Pricing based on 8" plain round or equivalent size

Available in packs of 15, 25, 50, or 100 pieces

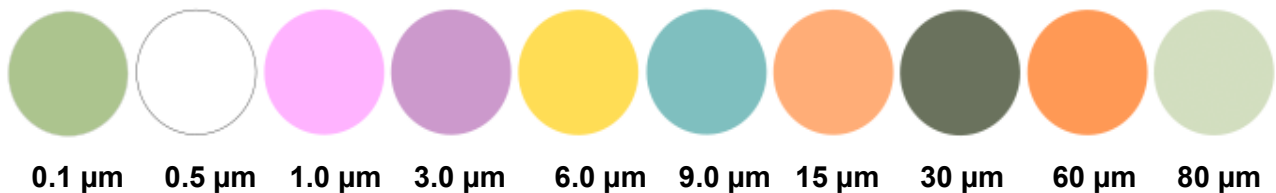
Key Benefits

- **Exceptional Precision** – Micron-graded diamond particles deliver uniform, repeatable results and superior surface quality.
- **Durable PET Base** – Available as plain film, adhesive, Velcro®, or magnetic backing for fast, clean changes, reducing downtime and handling costs.
- **Universal Compatibility** – Any shape, any size: round, rectangular, square, or fully custom to fit your polishing system.
- **Consistent Quality** – Reliability and process stability proven in production lines.
- **Complete Micron Range** – Vast grades, covering every stage of your process.

The choice of industry leaders & research centers worldwide - The finish you demand, the durability you need, and the cost advantage that makes switching an easy decision.



Color-Coded by Grit Size



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2. Additional Abrasive Films.

Aluminum Oxide (AO), Silicon Carbide (SC), Cerium Oxide (CO), Zirconia Alumina (ZOAl), Emery, Pumice, Tripoli (Silica) and CBN.

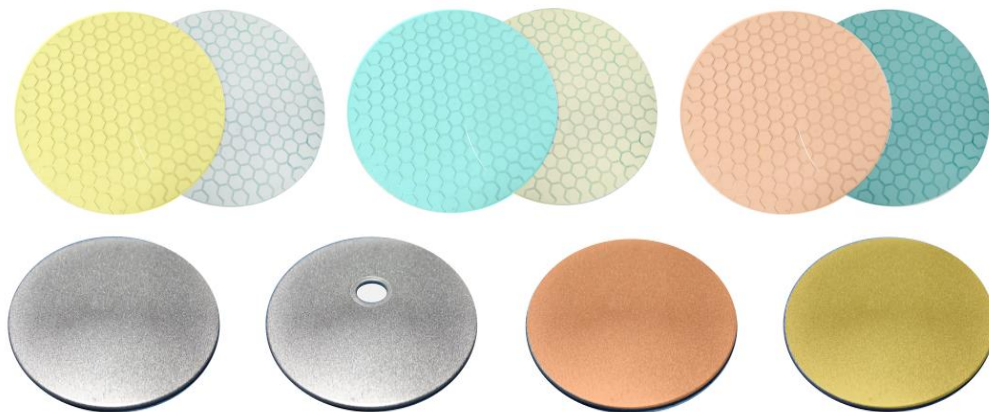
Abrasive Films Geometries Available

Shape	Standard Sizes	Notes
Round Discs	3", 5", 6", 8", 12", 15"	Custom diameters available
Rectangular	70×200mm, 100×200mm, 50×300mm, 100×100mm, 150×150mm	Custom sizes available
Rolls	Widths from 10mm to 500mm, Lengths from 5m to 50m.	Custom widths and core diameters available
Note: Films can be cut into any custom shape or dimension to fit specific equipment.		



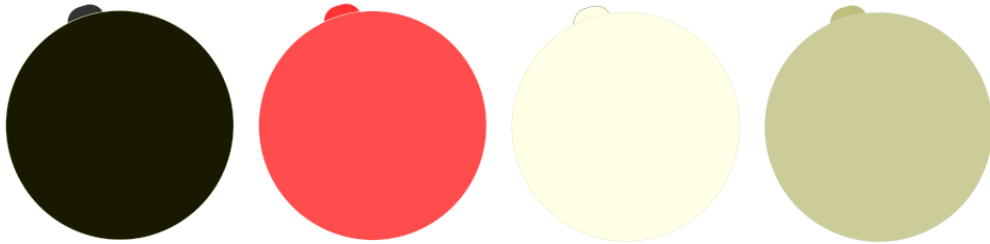
3. Abrasive Plates

Diamond Plate, Cubic Boron Nitride Plate (CBN), Ceramic Abrasive Plate (Cer), Composite Resin Plate (Res), Tin Lapping Plate (Sn), Copper Lapping Plate (Cu).
Backing: Plain, Magnetic (Mag) or Adhesive.



4. Lapping & Polishing Pads

Available in synthetic fibers, polyurethane, fabric, velvet, rayon, and silk. Final stage **red cloth, specifically for SEM/TEM.**



5. Abrasive Pastes.

CEO, AO, SC, and **Diamonds - Polycrystalline & Monocrystalline.**
Water or Oil based. Low, Mid and High diamond grits concentration.



6. Abrasive Suspensions (slurries)

High-performance suspensions formulated with Diamond (DIA), Aluminum oxide (AO), Cerium Oxide (CeO), or Silicon Carbide (SiC) to deliver fast, consistent material removal and superior surface quality.



7. Precision Polishing Systems

Knoritech provides advanced polishing systems from Krelltech USA and Trojan. Delivering precision, reliability, and repeatability for research centers and manufacturers. Designed for grinding, lapping, and polishing applications, these systems are trusted in fiber optics, semiconductor processing, photonics, metals, ceramics and medical device fabrication, ensuring flawless surfaces and consistent results.

