



TECHNICAL DATA SHEET

POLAR ADAPTER TO 3 PIN

PRODUCT DESCRIPTION

The Concrete Protector's Polar Adapter to 3 Pin is a mechanical adapter designed to convert the mounting system on a Polar grinder head so that it can use 3-pin style diamond tools (like grinding pads or polishing discs).

STANDARD COLORS: Silver

OTHER COLORS ALSO AVAILABLE: N/A

REVISION DATE: January 22, 2026

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): N/A

TACK FREE (DRY TO TOUCH): N/A

RECOAT OR TOPCOAT: N/A

LIGHT FOOT TRAFFIC: N/A

FULL CURE: N/A

COVERAGE

Recommended when using a Polar grinder but wanting to run 3-pin tooling

COVERAGE: N/A

MIX RATIO: N/A

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: Single piece

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A

COMPRESSIVE STRENGTH: N/A

TENSILE STRENGTH: N/A

ADHESION: N/AVISCOSITY: N/A

ABRASION RESISTANCE: N/A

ULTIMATE ELONGATION: N/A

HARDNESS: N/A

VOLATILE ORGANIC CONTENT: N/A

SHELF LIFE: N/A

CHEMICAL RESISTANCE

N/A

LIMITATIONS

- Not all 3-pin tools fit perfectly with every adapter
- The adapter adds a layer of thickness, which can slightly raise the tool off the floor, altering the grinding angle or efficiency
- Can increase vibration, especially with aggressive grinding

BENEFITS

- Allows 3-pin diamond tooling (a widely used system) to be used on a Polar interface grinder
- Adapters are simple to attach or detach
- No need to purchase a new set of tools when switching to or from a Polar grinder

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INSTRUCTIONS

- 1) Align the adapter with the mounting system on the Polar grinder head. the "Polar" side of the adapter typically has a keyed or slotted system to ensure it fits snugly into place.
- 2) Lock or screw the adapter into position
- 3) Insert the 3-pin diamond tool (grinding disc or pad) onto the 3-pin face of the adapter
- 4) Align the pins and press the tool into place. If using velcro-backed tools, press firmly so the hook-and-loop connection fully engages. If using slide-in or locking 3-pin systems, ensure all pins are fully seated and locked

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