FOR SEALS/GASKETS

DiamondKote™

DKW-4070

Semi-permanent mold release agent designed for use in the molding of various peroxide cured elastomers such as silicone, EPDM, and FKM.

FEATURES

- Water-based
- Ready-to-use
- Effective in the molding of elastomeric seals and gaskets
- Promotes good rubber flow and helps to keep molds clean
- Useful for parts with more difficult geometry or undercut/low draft areas

EASE OF RELEASE | INCREASE MOLD CYCLES | REDUCED DOWNTIME | HIGHER YIELD | LOWER DEFECT RATE

APPLICATION INSTRUCTIONS

For best results the surface of the mold must be cleaned prior to application of DiamondKote™ DKW-4070. Typical cleaning methods would be media/dry ice blasting or treatment with alkaline detergent followed by neutralization and rinsing with water.

Base Coat: *For best results, the tool should be above 100°C (180°C recommended) when applying DiamondKote™ mold release agents. For spray application, utilize an air atomizing spray gun or an airless spray gun which produces a finely atomized spray particle.*

1. *Thoroughly apply 1st coat, varying the direction of each pass to ensure total tool coverage and sealing. Allow to cure 1:00 min.*
2. *Repeat step 1 for each additional coat (3 - 4 coats recommended).*
3. *After the last pass, allow the mold to bake for 5-10 minutes to fully cure and adhere the base coat.*
4. *Test run to assure mold is clean and assure no transfer of product*

Touch-up: *Use the same application equipment used for base-coating. A single pass application of the un-diluted material prior to failure of the base coat typically proves to be effective.*

BEST RESULTS ON THESE MATERIALS

EPDM	FKM	Silicone

PACKAGING DETAILS

Part #	Net Contents	Container Type	Color	Shelf Life
DKW-4070-02	5 gal	pail	Opaque White	12 Months
DKW-4070-06	55 gal	drum		
DKW-4070-08	330 gal	tote		

ITW PRO BRANDS

CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TO SCHEDULE A DEMO/TEST RUN

800.241.8334 | www.itwprobrands.com/brand/diamond-kote

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SCAN FOR SDS REQUEST

DiamondKote™

FORMULATED TO ENSURE SMOOTH RELEASE OF FINISHED PARTS, REDUCING SCRAP AND OPTIMIZING OVERALL PRODUCTION EFFICIENCY