



DiamondKote™

FOR SEALS/GASKETS

DKW-4168

A premium water based mold release agent that has universality for a variety of elastomers including but not limited to, silicone rubbers, peroxide cured EPDM, Polyacrylate and a variety of fluoroelastomers. When applied correctly, it will provide multiple part releases, cleaner tooling, and facilitate good rubber flow.

FEATURES

- Water-based
- Provides greater semi-permanent performance over competitive products
- Suitable for wide range of elastomer types



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-4168. 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 basecoat.
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 basecoat typically proves to be effective.

PACKAGING DETAILS

Part #	Net Contents	Container Type	Color	Shelf Life
DKW-4168-02	5 gal	pail	Opaque White	12 Months
DKW-4168-03	55 gal	drum		
DKW-4168-06	330 gal	tote		



BEST RESULTS ON THESE MATERIALS

Chloroprene	EPDM-P	Polyacrylate
FKM	Halobutyl	HNBR



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***

