



DiamondKote™

FOR AVB/NVH & SEALS/GASKETS

DKW-4185A

Water-Based Semi-Permanent Mold Release

NEXT-GEN MOLD RELEASE

Premium, semi-permanent release agent for use on a variety of sulfur-cured elastomers; offers excellent life cycle, cleaner molds, and reduced scrap rates.

FEATURES

- Water-based
- Ready-to-use
- Less mold buildup/mold fouling, reducing production loss
- Reduced transfer of product onto molded parts
- Extend mold life
- Fewer rejects, better surface finish



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-4185A. 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.

PACKAGING DETAILS

Part #	Net Contents	Container Type	Color	Shelf Life
DKW-4185-02	5 gal	pail	Opaque White	10 Months
DKW-4185-03	55 gal	drum		
DKW-4185-06	330 gal	tote		

 **NO INTENTIONALLY
ADDED PFAS**



BEST RESULTS ON THESE MATERIALS

Natural	Butyl / IIR	SBR	Nitrile
HaloButyl	Polyacrylate	FKM (Bisphenol)	Chloroprene



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***

