



DiamondKote

DKW-3794E

DESCRIPTION:

DiamondKote DKW-3794E is a water based, mold release agent designed for application to ambient and hot metallic mold surfaces. It may be spray applied to hot surfaces (>140 F or simply wiped on utilizing a pure cotton cloth. When applied correctly, it will provide for multiple releases for many elastomeric compounds. It is particularly effective for silicone rubbers, peroxide cured EPDM and fluoroelastomers.

PACKAGING, HANDLING, AND STORAGE CONDITIONS:

Available in 5 Gal pails, 55 Gal drums and 330 Gal totes.

Containers should be kept closed prior to and during use to avoid external contamination. Store below 100°F and above 32 °F. Keep product from freezing.

Storage in steel, galvanized steel or black iron will degrade the active ingredients of this product. For safety precautions consult MSDS.

Seals/Gaskets/O-Rings

PHYSICAL PROPERTIES:

Appearance	Translucent liquid
pH	5.5
Viscosity	Water Thin
Odor	None
Specific Gravity	1.00 g/CM ³
Water Solubility:	Fully Miscible
Shelf Life	12 months

APPLICATION INSTRUCTIONS:

For best results the surface of the mold must be cleaned prior to application of **DiamondKote DKW-3794E**. 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 180°F 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. Apply 4 or 5 light coats, varying the direction of each to ensure total tool coverage and sealing. Allow each pass to dry completely prior to application of the next coat.

Touch-up:

Use the same application equipment used for base coating. Typically a single pass application of the un-diluted material prior to failure of the basecoat proves to be effective.