



Technical Bulletin

#9403 *Armor-Kote Clear* UV Curable Screenprinting Inks

Polymeric has created Armor-Kote a liquid screen printable over-lam UV clear coat. This product is specifically designed to run in place of conventional polyester over-laminates. Unlike Polyester over-laminates Armor-Kote can be ran on press at high speeds eliminating the all to often bottle-neck of the laminating area.

Armor-Kote is an extremely resilient coating; its solvent and chemical resistance far exceeds that of polyester over-lams. In addition Armor-Kote outdoor weathering characteristics are unmatched. It offers 3-5 year weathering in direct outdoor environments.

This product cures extremely fast and is optically clear and non-yellowing. Armor-Kote will jog and feed excellent for all post printing and finishing requirements.

Armor-Kote is extremely high gloss; parts printed with product virtually appear as a conventionally laminated product.

Mesh:	305 – 420 plain weave (120 - 165 cm) Use lower mesh counts for a thicker, laminated appearance
Curing:	1 – 200 watt per inch medium pressure mercury vapor lamp with a Mj output of at least 225
Belt Speed:	40 feet per minute (12 meters) depending on lamp efficiency and heat emission
Squeegee:	A sharp 70 - 80 durometer polyurethane blade
Coverage:	2800 – 4000 square feet per gallon

Please pretest this product to insure its suitability for the intended application.

Effective 01/13/06

More than a shade superior

117 East 14th Avenue • N. Kansas City, MO 64116 • 800 746 5567 • fax: 816 221 4820