



Technical Bulletin

Basecoat Clear

UV Curable Screenprinting Inks

Polymeric's Basecoat Clear helps to eliminate adhesion issues on non-porous substrates. It overcomes the inconsistent surface hardness of coated metals to allow acceptable adhesion with UV inks. It improves adhesion on other non-porous substrates previously requiring conventional ink systems. Once applied, almost any Polymeric ink (Uniprint UP, Duraflex DF, and Thermoform TF) achieves excellent adhesion to the Basecoat Clear.

- UV Basecoat Clear will adhere to aluminum, coated metal, and most stainless steel. It helps prevent initial and inner coat adhesion problems associated with metal cross-linking.
- Excellent glass adhesion as well as good optical clarity.
- Overprinting DF 6918 Solar Shield Clear provides fade and chemical resistance to the completed construction.

APPLICATION:

Mesh:	305 to 355 plain weave (120 - 140 cm) recommended
Squeegee:	Sharp 80 durometer polyurethane blade
Cure Parameters:	1 - 300 watt per inch mercury vapor lamp minimum with belt speed of 30 to 40 fpm (at least 350 Mj)

Due to the nature of the materials this product is designed for, it is critical to pretest on each individual lot of material to insure the suitability for its intended use.

Effective 04/19/99

More than a shade superior

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