



Technical Bulletin

#14251

Ink Jet Receptive Clear

Digital Receptive Clear Coating

Polymeric's digital receptive clearcoat #14251 is specifically designed for solvent and UV pigment based inkjet printers. This coating has been engineered for both indoor and outdoor applications.

- Excellent outdoor durability
- Superb water and abrasion resistance
- Unmatched adhesion with UV and solvent based digital inks
- Non-Glare surface enhances graphics and viewing aesthetics

APPLICATION:

Mixing:	The Ink Jet Receptive Clear is supplied at print-ready viscosity and can be used directly from the container. Thinning is not recommended.
Mesh:	280- 305 (110-120cm) plain weave
Squeegee:	70-80 durometer polyurethane blade
Cure Parameters:	1-200 watt per inch medium pressure mercury vapor lamp with 150-180 mJ
Belt Speed:	40-60 feet per minute depending on lamp efficiency and heat emission.
Coverage:	2800 – 3800 square feet per gallon
Substrate Range:	Exhibits adhesion to pressure sensitive vinyl, print treated static cling, top coated and print treated polyester, polystyrene, ABS, PETG, polycarbonate, rigid vinyl, expanded PVC, acrylic, high density polyethylene, fluted polyolefins (Coroplast®, Cor-x®) anodized aluminum and some coated metals.

Polymeric's Ink Jet Receptive Clear has been qualified on Scitex, Vutek, Océ, Mutoh, Durst and Mimaki ink jet printers. It is a non-glare, satin clear and may require minor curve and resolution adjustments in order to achieve the desired end results. Specifically designed for UV and solvent-based ink jet printers, it is not intended for use with dye or water-based systems.

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

Effective 01/04/05

More than a shade superior