



Technical Bulletin
10682
Permanent Adhesive
UV Curable Screenprinting Inks

Polymeric's Transprint Permanent Adhesive is a UV curable, high strength, pressure sensitive adhesive suited for substrate free decal applications. This adhesive is printed over the Transprint Series UV inks to create a direct ink to substrate decal. This eliminates the need for expensive pressure sensitive substrates.

- Outstanding adhesion to a wide variety of smooth to lightly textured materials.
- A silicone treated liner must be used to protect adhesive.
- Printed decals have a six (6) month storage life at room temperature.

APPLICATION:

Mesh:	355 to 380 plain weave (140-150 cm) recommended
Squeegee:	Sharp 80 durometer polyurethane blade
Cure Parameters:	1-200 watt per inch mercury vapor lamp minimum with belt speed of 45 to 55 fpm (at least 180 Mj). Cured adhesive should have minimal tack. Properly cured adhesive will not transfer to the liner after medium pressure is applied.
Post Cure Period:	A minimum of twenty-four (24) hours is recommended for post cure prior to substrate transfer application.
Bond Strength:	Full bond strength is achieved seventy-two (72) hours after transfer application.
Shelf Life:	Care should be taken to store the adhesive in tightly closed containers located in a cool (60° F to 80° F) dark place. After long runs excess material should be disposed. With suitable conditions, adhesive is expected to have a 12 month shelf life.

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

Effective 09/27/02

More than a shade superior

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