Technical Data Sheet

Photo-Bond - PTB

Pressure Sensitive Adhesive

UV

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

Description: Photo-Bond is a 100% solids liquid comprised of oligomers and monomeric diluents. Therefore, no solvent is present in the system. Conversion to a solid tacky film is accomplished by exposure to concentrated ultraviolet light. Photo-Bond when properly cured exhibits a high degree of cohesive strength while still maintaining good tack even when very thin films are applied.

Qualities:
- High Coadhesive
- Good Tack
- Ease of Application

Substrates:
- Polyester
- Polycarbonate
- Vinyl
- Metal
- Styrene
- Glass

Coverage: 400 - 500 sq/ft per gallon depending on adhesive deposit

Application: Photo-Bond is engineered to be applied by screen printing, but can also be used in flexographic web lamination. The product should be applied as to ensure a 1 - 3 mil. deposit onto the substrate.

Cure Parameters: The curing cycle depends on the UV reactor being used and also the substrate to which the adhesive is being applied. Photo-Bond works well when cured with one 300 watt/inch medium pressure mercury bulb at a speed of 30 - 45 ft./min.

Additives: Deco-Chem's 117-39 Photoinitiator, 286-36 and 810-36 Thinner

Cleaner: Deco-Chem 96 Wash-Up

Storage: Store tightly, shut in a cool, dry, and dark place for minimum shelf life for 6-12 months.

Sizes: 1 Gallon Pail, 2 Gallon Pail, 5 Gallon Pail

Products:

6022	UV Cured PSA
6782	Laminating Adhesive for Plastic
7022	Photo-Bond 2 (Adhesive)
7023	UV Laminating Adhesive for Glass
7024	PSA High Adhesive
9942	UV Curable PSA High Cohesive
LAM100	Laminating Adhesive

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