



# Photo-Bond

Pressure Sensitive Adhesive (PTB)

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                                      • Vinyl                                      • Styrene  
                          • Polycarbonate                              • Metal                                      • 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 maximum shelf life for 6-12 months.

**Sizes:** 1 Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

<b>Related Products:</b>	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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