

The logo for CRAIG features the word "CRAIG" in a bold, blue, sans-serif font. A blue curved line arches over the letters, starting from the top left and ending at the top right.

Adhesives and Coatings

ISO 9001-2000 Certified
The Chemistry of Customer Attention

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Craigcoat™ 1029J

Application

Medium viscosity UV curable adhesive that cures to a high tack, pressure-sensitive film.

Bonds with coated paper to polyester, polypropylene and polyethylene as well as polyester and polypropylene to metallized film. Uncoated papers will be less likely to provide fiber tearing bonds. This product is applied by flexo or roller coat.

For use as a pressure sensitive adhesive (cure first, then nip): Suggested minimum coat weight for bonds to porous paper is 1.0 mil (30 bcm anilox) and 0.5 mils (15 bcm anilox) for films and other nonporous substrates. Differences in coating weights will directly affect performance. It is important to monitor application and keep consistent.

For use as a wet lamination (nip, then cure through film): Suggested coat weights are 0.2-0.3 mils, which typically require a 4-6 bcm volume anilox.

For more information, call your Technical Representative or call (877)344-1483.

Caution: Films absorb UV light at different levels, which will affect the degree of cure achieved. Variations in press speeds, lamp settings, or number of lamps may be required to achieve desired results.

Physical Properties

APPEARANCE: Pale amber liquid

VISCOSITY: 1500-2000 CPS (Brookfield, 20 rpm, #4 spindle, 77°F)

APPLICATION TEMPERATURE: 40-120°F
If adhesive end product is **applied** at these temperatures, it will retain its adhesive properties to approximately 0°F. It cannot be applied below 40°F and achieve proper adhesion. Above 120°F, the adhesive becomes soft and can be removed. The adhesive may also further polymerize above this temperature causing loss of adhesion.

WEIGHT /GALLON(LBS): 8.8 +/- 0.1

STORAGE CONDITIONS: Store below 90°F. Keep away from sunlight, artificial light and excessive heat. If very cold, product should be warmed slowly. Low temperatures will thicken product; high temperatures will thin product.

CURE SPEEDS: Suggested starting point for curing is 100 fpm with one 400WPI lamp. May require more lamps or slower speeds to optimize peel strengths. Actual belt velocity will depend on the number of lamps, power of lamps and the efficiency of the reflectors. Films need to be checked for light transmission as each film absorbs UV light at different rates.

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