PSA 2-25-3

• 2K Removable Pressure-Sensitive Adhesive

KEY FEATURES

- High peel and shear
- Removability
- Low and high temperature performance
- Oil, water and solvent resistant

DESCRIPTION & USES

A two component removable pressure sensitive adhesive designed to have excellent shear and peel strengths at temperature extremes. This product is particularly characterized as having superior adhesion to pre-corona-treated polypropylene and polyethylene backings.

PHYSICAL PROPERTIES

Product as Supplied

Appearance	Light amber liquid
Odor	Ester
Solids content (wt %)	49% ±1%
Viscosity	5000 cps @70°F ±2000
Product Density	7.88 lbs/ gal

Adhesive properties

180 °F peel to stainless steel, oz*	60 (60 sec. bond)

*0.003" dry adhesive applied to 0.007" polypropylene film

APPLICATION

Prior to use, add the desired level of C63 crosslinking agent to an amount of adhesive sufficient to do the job within the estimated useful pot life (*3 hours minimum to double viscosity @70°F).* Perform this addition wih each component at or below 80°F and blend thoroughly under mild agitation to ensure product uniformity without unnecessary heat buildup. We recommend 2.8 weight parts of C63 crosslinking agent solution to each 100 weight parts of PSA 2-25-3.

PSA 2-25-3 may be applied by many conventional methods including but not limited to reverse-roll, knife-over-roll, and floating knife. After coating PSA 2-25-3 should be subjected to a baking schedule of 150-300°F for 0.5 to 3 minutes (depending upon thickness applied, etc.) to effectively remove solvents from the system and allow a "cure" to take place. For best results baking schedules should be optimized experimentally. Bear in mind that although its cure will advance even at ambient conditions, PSA 2-25-3's ultimate adhesion values may be somewhat unpredictable. Therefore, for consistently optimal results employ the harshest possible cure schedule during the coating process.

PSA 2-25-3 may be applied to webs via transfer or direct coating methods. Laboratory tests indicate the greatest carrier anchorage occurs under direct application methods. In fact, the use of primers, frequently employed with difficult surfaces, can sometimes be eliminated altogether.

HANDLING & STORAGE

Store this product between 40 - 100°F away from all sources of ignition. Avoid any contact with skin and any breathing of vapors (use only with adequate ventilation). Consult the SDS supplied with this product before handling.

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