

Armand Manufacturing INC.

Product Information Data

SP1-39DT PERMANENT ACRYLIC EMULSION COLD TEMPERATURE PRESSURE SENSITIVE ADHESIVE

The following characteristics are based on typical laboratory data.

DESCRIPTION: SP1-39DT is a cold temperature permanent acrylic emulsion, pressure sensitive adhesive that has been formulated for cold temperature and low-energy surface applications.

CALIPER: 1 mil adhesive thickness

Adhesive thickness will depend on the type of application and the substrate it is applied to.

SUBSTRATE: 2 mil polyester film

PEEL ADHESION: (PSTC-101)*
180° peel values for SP1-39DT cold temperature permanent acrylic emulsion pressure sensitive adhesive

DWELL TIME

Initial	3.85 lbs/inch
22 hours	4.15 lbs/inch
Ultimate	5.00 lbs/inch

SHEAR: (PSTC-107)*
Shear (hold) to 20 hours at 70°F (21°C) No failure.

**Data reflects averages and are not to be used for specification purposes.*

SOLVENT STABILITY: Properties are dependent upon the solvent stability of the film being used with the adhesive. SP1-39DT coated onto a polyester film exhibits the following results:

- Excellent water and humidity resistance
- Excellent adhesion to LSE

OPERATING TEMPERATURE RANGE: -20°F (-28°C) to 220°F (104°C)

TERMS AND CONDITIONS

The values presented here are derived from our quality check for reference only. They do not relieve the purchaser from responsibility for examining the product upon delivery or provide assurance of the product's suitability for their particular purpose. Suitability for any given application is the sole responsibility of the user.

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