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Other Data Sheets Are Available On Our Website

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HIGH TEMPERATURE ACRYLIC PSA "HTAPSA"

Acrylic Pressure Sensitive Transfer Adhesives Product Information

Description:

These high temperature unsupported acrylic transfer film adhesives are designed for high performance in applications with elevated temperatures. Excellent adhesion, high temperature shear properties and solvent resistance are features of these adhesives. This adhesive is formulated with neutral pH and U.V. resistance making them ideal for photo mounting and graphic art applications. The liner is a 60# moisture stable liner and is ideal for kiss cut applications and precision component assembly.

Surface Applications:

High temperature splicing and automotive interior applications. Bonding a variety of substrates where elevated temperatures are a critical consideration.

Construction:

Adhesive: Transparent Acrylic	.002 inch
Liner: Moisture Stable Polyethylene Coated Kraft Release	.004 inch

Performance Properties:

180° Peel, 2 mil. P.E.T./ss: 20 min. bond	46 oz./inch
350°F Shear, 1" X 1" X 1,000 gr., 2mil. P.E.T./ss:20 min bond	>24 hrs.

Continuous Operating Temperature Extremes are: -40°F to 350°F (-40°C to 177°C)

Intermittent Temperature Operation up to 450°F (232°C)

Bonding Information:

For maximum adhesion, bonding surfaces should be clean, dry and free from grease and oils. The firmer the application pressure and the greater the contact area, the stronger the bond. Bond strengths will increase as a function of time as the adhesive continues to wet out the bonding surfaces.

Solving Industry's bonding film problems by material systems engineering

Our recommendations are made in good faith and are based on our experience with these products. Since the conditions of use of these products are beyond our control, this data is given on the express condition and understanding that Diversified Silicone Products will not be liable to any person by reason thereof. Nothing herein shall be deemed to be a recommendation to use any product in violation of any existing patent right.