



TECHNICAL DATA

1/2 Mil Spacer Supported Acrylic Laminating Adhesive

Description:

This is a clear polyester film coated on two sides with a permanent pressure sensitive acrylic adhesive and backed with a polycoated double face release liner on both sides.

Applications:

The adhesive bonds well to high surface energy plastics and metals for use in bonding graphic designs, nameplates and overlays to a variety of surfaces. Can also be used in membrane switch spacer applications. The polyester carrier provides firmness to facilitate ooze-free diecutting, guillotining, and hand application to various surfaces.

System Performance

Value

Test Method

Physical Properties

Thickness
(mils)

| | | |
|------------|---------------------|-------------|
| - Adhesive | 1.0 | ASTM D 1593 |
| - Film: | .5 | |
| - Adhesive | 1.0 | |
| - Liner | 90# PFW/80# Special | |

Adhesion Properties

| Adhesion from | Average | | Expected Range | | |
|-----------------|----------------|--------------|----------------|--------------|-------------------------------------------|
| | <u>Oz / in</u> | <u>(N/m)</u> | <u>Oz / in</u> | <u>(N/m)</u> | |
| Stainless Steel | 30 | (330) | 20-40 | (220-440) | PSTC 1 (Modified for 72 hours dwell time) |
| Acrylic | 30 | (330) | 20-40 | (220-440) | |
| Glass | 27 | (297) | 20-40 | (220-440) | |

Expected Shear
(hours)

20

PSTC 7 (1 hour dwell, 1 sq. in 4 lb. Load)

Tack

180

100-300

ASTM D 2979-1

Service Temperature Range:

-40°F to 257°F (-40°C to 125°C)

Minimum Application Temperature:

+50°F (-10°C)

Storage Stability:

1 year stored at 70°F (21°C) and 50% RH