



Flexcon® FlexMount® DFM 100 CLEAR V-29 100 POLY H-9 V-29 100 POLY H-9

1.0 mil double-faced optically clear mounting film
FLX000523

Benefits

- Permanent pressure-sensitive acrylic adhesive bonds well to glass and high-surface energy plastics

Features

- 1.0 mil double-faced clear polyester film mounting film coated with a permanent pressure-sensitive acrylic adhesive on one side and a removable pressure-sensitive adhesive on the other side
- Adhesive bonds well to printed base film surfaces
- Backed with an ultra smooth clear polyester release liner

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|---------------------|---------|
| Total Product | 4.66 | |
| Film | 1.0 +/- 10% | 25 |
| Adhesive | 1.0-1.1 +/- 0.1 (3) | 25-28 |
| Adhesive 2 | 1.0-1.1 +/- 0.1 (3) | 25-28 |
| Liner | 1.0 +/- 5% | 25 |
| Liner 2 | 1.0 +/- 5% | 25 |

Test Method: ASTM D 3652 (Modified for use with non-tape products)

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| ABS | 50 | 550 |
| Acrylic | 45 | 495 |
| Painted Metal | 26 | 286 |
| Polypropylene | 11 | 121 |
| Stainless Steel | 30 | 330 |

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

| Additional Properties | Value | Test Method |
|---------------------------------|---|-------------|
| Expected Shear (hours) | | |
| Tack (g) | 150 | ASTM D 2979 |
| Expected Exterior Life | Dependant on life of substrate - suitable for outdoor use | |
| Additional Information | | |
| Service Temperature | -20°F to 302°F (-29°C to 150°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% RH | |

Product Performance and Suitability

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