



Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH16635 Printing Materials - Component

Features

- 2.0 mil clear gloss topcoated polyester with 90% PCR content provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- 50 lb. bleached kraft release liner with up to 30% PCR content, ideal for roll form converting
- Liner is suitable for optical sensing on most thermal transfer printers

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-------------------|---------------|
| Total Product | 6.0 - 6.1 | |
| Film | 1.97 +/- 10% | 50 +/- 10% |
| Adhesive | 0.9 - 1.0 +/- 0.1 | 23 - 25 +/- 3 |
| Liner | 3.1 +/- 10% | 79 +/- 10% |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless steel | 55 | 605 |
| Acrylic | 77 | 847 |
| Glass | 68 | 748 |
| Propylene | 15 | 165 |

Test Method: ASTM D 903

| Additional Properties | Value | Test Method |
|---------------------------------|--|-------------|
| Expected Shear (hours) | 30 | ASTM D 3654 |
| Tack (g) | 1030 | ASTM D 2979 |
| Expected Exterior Life | 2 years | |
| Additional Information | | |
| Service Temperature | -40°F to 302°F (-40°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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