

Benefits

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

Features

- 2.0 mil white gloss topcoated polyester with 30% 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
- Topcoat is more universally printable than other thermal transfer printable products
- High shear and high peel adhesive resists cold flow and oozing
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- 50 lb. bleached kraft release liner with 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	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
Polypropylene	15	165

Test Method: ASTM D 903

Additional Properties	Value	Test Method
Expected Shear (hours)	30	ASTM D 3654 Method A (1 hr dwell, 1 sq in, 4 lb load)
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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