

Benefits

- Adhesive eliminates the need to prime or flame treat the surface of TPO plastics
- Topcoat is more universally printable than other thermal transfer printable products
- UL recognized under UL 969 - UL File No. PGJ12.MH16635 Printing Materials - Component
- [View Flexcon® DPM® LSE™ Yellow Card](#)

Features

- 2.0 mil clear topcoated polyester 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
- High-performance modified acrylic pressure-sensitive adhesive is the most aggressive adhesive for low surface energy plastics
- Permanently bonds to a variety of low surface energy plastics, painted metal, powder coated paint, polycarbonate, and fiberglass
- Adhesive eliminates the need to prime or flame treat the surface of TPO plastics
- 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, 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	6.76	
Film	2.0 +/- 10 %	51
Adhesive	1.2-1.3 +/- 0.1 (3)	30 - 33
Liner	3.1 +/- 10 %	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	88	968
Acrylic	89	979
89 (979) 72 hr. RT dwell time) Glass	91	1001
Polypropylene	87	957

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	10	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	1250	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	32°F (0°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.