Flexcon® Classics Plus® 41145

4.0 Mil White Vinyl, Permanent Adhesive Roll-Form Liner

FLX059531

Benefits

- UL-recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- cUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component
- View Flexcon® Classics Plus® 41145 Yellow Card

Features

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Film surface is compatible with most conventional and UV ink systems*
- Versatile, general-purpose permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces including low- and high-surface energy plastics
- Adhesive offers good tack and chemical resistance
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting

Additional Details

*We recommend evaluating the ink system for compatibility with the product under the application conditions.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.75	
Film	3.5 +/- 10 %	89
Adhesive	0.75-0.85 +/- 0.1 (3)	19-21
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	67	737
Acrylic	80	880
Glass	70	770
Polypropylene	44	484

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

Additional Properties	Value	Test Method
Expected Shear (hours)	15	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	770	ASTM D 2979
Expected Exterior Life	Two Years	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°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

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