Flexcon® DPM® Flex White

Durable Goods and Equipment Labeling Flexible White Vinyl - Roll Form

FLX000306

Benefits

- In most cases, corona treatment is not required
- Adhesive bonds well to base film substrates
- Cosistent surface smoothness, excellent dimensional stability, and conformability
- View UL PGUU2 for Flexcon® DPM® Yellow Card
- View UL PGJI2 for Flexcon® DPM® Yellow Card

Features

- CSA Acceptance, L- Adhesives, UL PGJI2 Recognized Printed w/Jetrion 4000 Series, UL Recognized
- 3.5 mil double-faced flexible white vinyl
- Print-receptive 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- Printable via resin and wax/resin thermal transfer, UV and solvent screen, UV, solvent & water flexo, laser (toner); and narrow-format 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
- Backed with a 50 lb. bleached Kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers

Additional Details

- Order custom widths without purchasing a whole master through Flexcon® FlexChoice™ for Durables

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.9	
Film	3.5 +/- 10%	89
Adhesive	0.9-1.0 +/- 0.1	23-25 +/- 3
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	101	1111
Acrylic	69	759
Glass	64	704
Polypropylene	24	264

Test Method: ASTM D 903 (Modified for 72 hr. 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)	750	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hrs Xenon Arc testing	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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