Flexcon® NexGen™ WV344HVY

4.0 Mil Gloss Topcoated White Vinyl, Permanent Adhesive, Roll Form Liner (1.9-2.1)

FLX068720

Benefits

- UL recognized under UL 969 – UL File No. PGGU2.MH10170 Printing Materials – Component
- cUL recognized under UL File No. PGGU8.MH10170 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15

Features

- Gloss topcoated 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- Printable via resin and wax/resin thermal transfer; UV & 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
- Adhesive bonds well to base film substrates
- 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

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	8.9	
Film	3.5 +/- 10%	89
Adhesive	1.9-2.1 +/- 0.1 (3)	48-53
Liner	3.1 +/- 10%	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	148	1628
Stainless Steel	108	1188
ABS	84	924
Polypropylene	66	726
Aluminum	91	1001

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	880	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hrs. Xenon Arc	
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 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.

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