Flexcon® NexGen™ WPP344

4.0 Mil Exterior Durable Gloss Topcoated White Polypropylene, Permanent Adhesive, Roll-Form Liner

FLX068544

Benefits

- Five year outdoor durability based on 2500 hrs. Xenon Arc
- UL recognized under UL 969 – UL File No. PGJI2.MH16635 Printing Materials – Component
- cUL recognized under UL File No. PGJI8.MH16635 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15
- View UL PGUU2 for Flexcon® NexGen™ WPP344 Yellow Card
- View UL PGJI2 for Flexcon® NexGen™ WPP344 Yellow Card

Features

- Gloss topcoated 4.0 mil white polypropylene (vinyl alternative) provides consistent surface smoothness and excellent dimensional stability
- Printable via resin & 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.
For laser diecutability, please check with your equipment manufacturer.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	8.45	
Film	4.0 +/- 10%	102
Adhesive	0.9-1.0 +/- 0.1 (3)	23-25
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	73	803
Stainless Steel	66	726
Glass	69	759
Polypropylene	11	121
Painted Metal	36	396

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	730	ASTM D 2979
Expected Exterior Life	Five years based on 2500 hrs. Xenon Arc	
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°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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