Flexcon® NexGen™ WV344HS

4.0 Mil Print-Receptive White Vinyl, Permanent Adhesive, Sheet Form Liner (1.9-2.1)

FLX068722

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
- View Flexcon® NexGen™ WV344HS Yellow Card

Features

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Compatible with most conventional and UV ink systems (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- 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
- 90 lb. moisture stable polycoated release liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses

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	11.9	
Film	3.5 +/- 10%	89
Adhesive	1.9-2.1 +/- 0.1 (3)	48-53
Liner	6.9 +/- 10%	175

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	94	1034
Aluminum	91	1001
Acrylic	130	1430
Acrylic Powder Paint	83	913

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

Additional Properties	Value	Test Method
Expected Shear (hours)		
Tack (g)	900	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 when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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