



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

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)



Flexcon® NexGen™ WV344HS

4.0 Mil Print-Receptive White Vinyl, Permanent Adhesive, Sheet Form Liner (1.9-2.1)
FLX068722

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

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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.