



DPM® FWRTS 4 MIL Flexible White Vinyl Hi-Performance Adhesive for Rough/Textured Surfaces Roll Liner

Durable Goods and Equipment Labeling Flexible White Vinyl for Rough Textured Surfaces - Sheet Form

FLX000307

Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- cUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component

Features

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Print-receptive surface is 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)
- Acrylic adhesive offers high initial tack and high ultimate bond to a wide variety of rough textured surfaces including low surface energy plastics and painted metal
- 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

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	8.95	
Film	3.5 +/- 10%	89
Adhesive	1.9-2.1 +/- 0.1	48-53 +/- 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	94	1034
Acrylic	130	1430
Glass	112	1232
Polypropylene	60	660

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

Additional Properties	Value	Test Method
Expected Shear (hours)	20	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	900	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hour Xenon Arc exposure	
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% 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.