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 | Part #: 12345678/456789

Benefits

- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- UL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component
- View UL PGUU2 for DPM® FWRTS Yellow Card
- View UL PGJI2 for DPM® FWRTS Yellow Card

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

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