

Durable Goods and Equipment Labeling

Flexible White Vinyl for Rough Textured Surfaces - Sheet Form

End Use Applications:

*Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels*

For Durable Goods including:

*Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment...and more*

For Transportation including:

*Automotive
Aerospace
Heavy Equipment*

For more information on FLEXcon's pressure-sensitive film solutions for Durable Goods and Equipment Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX000307



Product: Flexcon® DPM® FWRTS

Benefits:

- 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
- 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

Flexcon® DPM® FWRTS

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	3.5 (89)
	Adhesive	1.9-2.1 (48-53) +/- 0.1 (3)
	Liner	3.1 (79) +/- 10%
Dimensional Stability (%)	MD	0.87
	TD	0.75
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	84 (924)	
ABS Textured Side	40 (440)	
Acrylic	148 (1628)	
Acrylic Powder Paint	83 (913)	
Aluminum	91 (1001)	
Epoxy Powder Paint	96 (1056)	
Fiberglass	81 (891)	
HDPE	54 (594)	
Metal - Heavy Textured Aluminum	20 (220)	
Metal - Light Textured Stainless Steel	107 (1177)	
Painted Metal	74 (814)	
Polyester	89 (979)	
Polyester Powder Paint	79 (869)	
Polyurethane Powder Paint	91 (1001)	
Stainless Steel	108 (1188)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	15	
Tack (gm/sq cm)	880	ASTM D 2979
Expected Exterior Life	Five years based on 2000 hrs Xenon Arc	
Service Temperature Range	-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

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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