

Durable Goods and Equipment Labeling

Clear Polyester for Rough Textured Surfaces - Roll 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 #: FLX000312



Product:

**Flexcon® DPM® Poly Clear
RTS**

Benefits:

- 2.0 mil clear polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Print-receptive surface is compatible with most conventional and UV ink systems (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Acrylic adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of rough textured surfaces, including low-surface energy plastics and painted metal
- 50 lb. bleached kraft release liner offers good diecutability
- Ideal for roll to roll converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA File No. 99214

Flexcon® DPM® Poly Clear RTS

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	1.9-2.1 (48-53) +/- 0.1 (3)
	Liner	3.1 (79) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	81 (891)	
ABS Textured Side	24 (264)	
Acrylic	122 (1342)	
Acrylic Powder Paint	89 (979)	
Aluminum	102 (1122)	
Epoxy Powder Paint	111 (1221)	
HDPE	42 (462)	
Metal - Heavy Textured Aluminum	8 (88)	
Metal - Light Textured Stainless Steel	96 (1056)	
Painted Metal	100 (1100)	
Polycarbonate	99 (1089)	
Polyester	95 (1045)	
Polypropylene	36 (396)	
Stainless Steel	87 (957)	
Styrene	104 (1144)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	75	
Tack (gm/sq cm)	1650	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°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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