

# Durable Goods and Equipment Labeling

## Clear Polyester 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 #: FLX000314



### **Product: FLEXcon® DPM® Poly Clear Sheet 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
- Backed with a 90 lb. moisture stable polycoated layflat release liner ideal for sheet-form converting
- 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
- CSA accepted under CSA File No. 99214



# FLEXcon® DPM® Poly Clear Sheet RTS

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	1.9-2.1 (48-53) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
<b>Adhesion Properties</b>		
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)	
Fiberglass	91 (1001)	
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)	
Polyester Powder Paint	47 (517)	
Polypropylene	36 (396)	
Polyurethane	110 (1210)	
Stainless Steel	87 (957)	
<b>Expected Shear</b>		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	75	
<b>Tack (gm/sq cm)</b>	1650	ASTM D 2979
<b>Expected Exterior Life</b>	Two years	
<b>Service Temperature Range</b>	-40°F to 302°F (-40°C to 150°C)	
<b>Minimum Application Temperature</b>	50°F (10°C)	
<b>Storage Stability</b>	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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