



# PRODUCT INFORMATION

## DPM<sup>®</sup> Poly Clear

### **Product Description:**

DPM Poly Clear (DPM-PC) is a UL-recognized/CSA accepted 2.0 mil ink-receptive clear polyester coated with an aggressive, high-performance, permanent acrylic pressure-sensitive adhesive and backed with a 50 lb. bleached kraft roll form release liner.

### **Applications:**

Ideal for durable goods labeling applications such as brand identification markings and safety/hazard warning labels.

### **Features & Benefits:**

- 2.0 mil gloss clear polyester designed for high-performance label applications
- Ink-receptive surface is compatible with most conventional and UV ink systems
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of surfaces including low surface energy plastics and painted metal
- Available in Quick-Ship for fast delivery
- DPM-PC is UL-recognized for indoor/outdoor use. For more information, please reference FLEXcon's UL File No. MH10170(N)
- CSA accepted. Reference FLEXcon's CSA File No. 99214

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<b>PRODUCT DATA</b>	<b>VALUE</b>	<b>TEST METHOD</b>
<b>Physical Properties:</b>		
Thickness (Mils[microns])	Film: 2.0 (51) +/- 10% Adhesive: 0.9-1.0 (23-25) +/- 0.1(3) Liner: 3.1 (79) +/- 10%	ASTM D 3652
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 various surfaces	<u>Average</u> Oz/in (N/m)	ASTM D 903 (Modified for 72 hour dwell time)
Stainless Steel	55 605	
Acrylic	61 671	
Glass	56 616	
Polypropylene	35 385	
Expected Shear (hours)	100+	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm)	460	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.