



## PRODUCT INFORMATION

### DPM<sup>®</sup> UV Clear Gloss Overlamine

#### **Product Description:**

DPM UV Clear Gloss (DPM-UVCG) is a UL-recognized 1.0 mil clear gloss overlaminating polyester film coated with an aggressive, high-performance, permanent acrylic pressure-sensitive adhesive and backed with an ultra-smooth clear polyester release liner.

#### **Applications:**

Ideal as an overlaminating film for durable goods labeling applications such as product identification markings, safety/hazard/warning labels and printed graphics.

#### **Features & Benefits:**

- A cost-effective way to provide extended life to labels and decals
- 5 year outdoor durability vs. 2 years for standard polyesters
- Protects against damaging UV rays, moisture and scratching
- Suitable for use with a variety of printing methods
- Coated with an aggressive, high-performance, permanent acrylic pressure-sensitive adhesive with a UL rating of 302°F on polyester
- Backed with a clear polyester release liner which provides an ultra smooth surface for excellent adhesive wet out
- Polyester liner reduces web breaks and cross web curl which improves efficiencies on press
- Available in Quick-Ship for fast delivery
- UL-recognized for both indoor and outdoor use. For more information, please reference FLEXcon's UL file No. MH10170 (N)
- CSA Acceptance. For more information, please reference FLEXcon's CSA file No. 99214



# Product Nomenclature

Page 2

<b>PRODUCT DATA</b>	<b>VALUE</b>	<b>TEST METHOD</b>
<b>Physical Properties:</b>		
Thickness (Mils[microns])	Film: 1.0 (25) +/- 10% Adhesive: 0.9-1.0 (23-25) +/- 0.1 (3) Liner: 1.0 (25) +/- 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	41 (495)	
Acrylic	51 (561)	
Glass	42 (539)	
Expected Shear (hours)	100	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	450	ASTM D 2979
<b>Expected Exterior Life:</b>	Five years	Xenon Arc 2000 hr.
<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 stored at 70°F (21°C) and relative humidity	

### Product Performance and Suitability

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