



# PRODUCT INFORMATION

## FLEXmark® OL 300 & 500 Clear Velvet V-29 71B PMO-8

### Product Description:

FLEXmark OL 300 & 500 Clear Velvet V-29 71B PMO-8 are clear velvet embossed overlaminating polycarbonate films, coated with a permanent, clear overlaminating pressure-sensitive acrylic adhesive, and backed with a one-side polycoated semi-bleached kraft release liner.

- OL 300 & 500 Clear Velvet ..... 3.0 and 5.0 mil velvet embossed clear overlaminating polycarbonate films add texture and softness to printed graphics.
- V-29..... Versatile, high-performance permanent clear overlaminating pressure-sensitive acrylic adhesive offers excellent clarity and performance.
- 71B PMO-8 ..... 71 lb. smooth bleached white polycoated kraft release liner results in improved adhesive clarity.

### Applications:

These overlaminating films provide printed graphics with a rich, velvet finish. Typical uses include labeling for power tools and lawn/garden equipment, nameplates for appliances, and general-purpose decals.

### Features & Benefits:

- Durable polycarbonate offers exceptional resistance to scratches and fingerprints
- Excellent heat stability allows backlit graphics to be used close to light source
- Adhesive bonds well to polycarbonate
- Converts efficiently through the overlaminating and diecutting operation
- UL-recognized product available with L-29 adhesive on FLEXmark® OL 300 and 500 C Velvet film for indoor applications
- Available in Quick-Ship for fast delivery



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<b>PRODUCT DATA</b>	<b>VALUE</b>	<b>TEST METHOD</b>
<b>Physical Properties:</b>		
Thickness  (Mils[microns])	Film: (OL 300): 3.0 (76) +/- 10% (OL 500): 5.0 (127) +/- 10%	ASTM D 3652
	Adhesive: Laminating over rolls 1.2-1.3 (30-33) +/- 0.1 (3) Laminating over sheets 1.5-1.6 (38-41) +/- 0.1 (3)	
	Liner: 4.3 (109) +/- 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 various surfaces	OL 300 C <u>Average</u> Oz/in (N/m)	OL 500 C <u>Average</u> Oz/in (N/m)
		ASTM D 903 (Modified for 72 hour dwell time)
Stainless Steel	73 (803)	89 (979)
Acrylic	96 (1056)	96 (1056)
Glass	91 (1001)	92 (1012)
Expected Shear (hours)	100+	100+
		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm)	670	670
		ASTM D 2979
<b>Expected Exterior Life:</b>	Indoor use only	
<b>Service Temperature Range:</b>	-40°F to 212°F (-40°C to 100°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.