

Durable Goods and Equipment Labeling

Clear Velvet Embossed Polycarbonate Overlamine

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 #: FLX000361



Product:

**Flexcon®
FlexMark® OL 500 Clear
Velvet L-29 71B PMO-8**

Benefits:

- 5.0 mil clear velvet embossed overlaminating polycarbonate adds texture and protection to printed graphics
- Durable polycarbonate offers exceptional resistance to scratches and fingerprints
- Permanent clear overlaminating pressure-sensitive acrylic adhesive offers excellent clarity and performance
- Permanent pressure-sensitive acrylic adhesive bonds well to base film label substrate
- Backed with a 71 lb. smooth bleached white polycoated kraft release liner ideal for roll-form converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- CSA accepted under CSA File No. 99214



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Flexcon®

FlexMark® OL 500 Clear

Velvet L-29 71B PMO-8

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film 5.0 (127) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive 1.4-1.5 (36-38) +/- 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)
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in (N/m)	
Acrylic	132 (1452)	
Glass	87 (957)	
Polypropylene	5 (55)	
Stainless Steel	81 (891)	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Expected Shear		
Room Temp (hours)	100+	
Tack (gm/sq cm)	480	ASTM D 2979
Expected Exterior Life	Indoor use only	
Service Temperature Range	-40°F to 212°F (-40°C to 100°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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