

Consumer Durables

Gloss Topcoated Frosty Clear Vinyl

End Use Applications:
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels

Markets including:
Appliance
Heavy/Outdoor Equipment
Industrial/Manufacturing
Power Equipment
Recreational Vehicles

For more information on FLEXcon's pressure-sensitive film solutions for Consumer Durables, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX000409



Product:

Flexcon®
FlexMark® V 400 Frosty Clear
TC-106 L-29 Spec 50K-8

Benefits:

- 3.5 mil frosty clear vinyl with good chemical resistance to mild cleaning products that's easy to apply
- Printable via water flexo (please test for ink adhesion with your specific ink chemistry)
- Permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- UL recognized under UL 969 - UL File No.PGGU2.MH10170 Marking and Labeling System Materials - Component

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PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	3.1 (79) +/- 10%	
Dimensional Stability (%)	MD	0.5	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.5	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in	(N/m)	
	Acrylic	60 (660)	
	Glass	54 (594)	
	Polypropylene	14 (154)	
Stainless Steel	47 (517)		
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	15		
Tack (gm/sq cm)	500		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Six months 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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