

Consumer Durables

White Polypropylene - Roll Form

End Use Applications:
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels
Markets including:
Appliance
Automotive
Heavy/Outdoor Equipment
Industrial/Manufacturing
Power Equipment

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

Product ID #: FLX069302



Product:

Flexcon®
FlexMark® PP 230 H White
TC-458 L-01 Spec 40K-8

Benefits:

- 2.3 mil hard white polypropylene provides consistent surface smoothness and excellent dimensional stability
- High-performance acrylic adhesive adheres well to a variety of surfaces
- Print-receptive surface is printable via flexographic, UV offset, gravure, UV screen, UV letterpress, thermal transfer, narrow-format UV inkjet, and hot stamping
- Backed with a 40 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

Flexcon®

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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%
	Adhesive	0.5-0.6 (13-15) +/- 0.1 (3)
	Liner	2.5 (64) +/- 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	52 (572)
	Glass	40 (440)
	Polypropylene	20 (220)
	Stainless Steel	54 (594)
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	10	
Tack (gm/sq cm)	730	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	35°F (1.7°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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