

Durable Goods and Equipment Labeling

White Vinyl - Roll Form

End Use Applications:

*Decorative Decals
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels*

For Durable Goods including:

*Recreational Vehicles
Sporting Equipment
Outdoor Power Equipment
Power Tools
Appliances
Electronics
Industrial Equipment...and more*

For Warehouse WIP Labels

For Transportation including:

*Automotive
Aerospace
Heavy Equipment
Rail*

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 #: FLX059531



Product:

**Flexcon® Classics Plus®
41145**

Benefits:

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Film surface is compatible with most conventional and UV ink systems*
- Versatile, general-purpose permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces including low- and high-surface energy plastics
- Adhesive offers good tack and chemical resistance
- 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
- cUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component

*We recommend evaluating the ink system for compatibility with the product under the application conditions.



Flexcon® Classics Plus® 41145

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	0.75-0.85 (19-21) +/- 0.1 (3)	
	Liner	3.1 (79) +/- 10%	
Dimensional Stability (%)	MD	0.75	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.75	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
Acrylic	80	(880)	
Glass	70	(770)	
Polypropylene	44	(484)	
Stainless Steel	67	(737)	
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)	770		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	32°F (0°C)		
Storage Stability	Two years 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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