

Safety / Visibility Applications

Wide Angle Retroreflective

Wide-angle Reflectivity to Increase Awareness, Visibility and Safety

End Use Applications including:

Component Tracking Labels
Warning & Instructional Labels
Outdoor Safety Signage
Promotional Labels
Long-range Barcode Labels
Warehouse WIP Labels, Shelf Marking
Supply Chain Management

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

Product ID #: FLX053165



Product:

**FLEXcon® REFLECTAmark® U 450
White Reflective V-344 90 PFW**

Benefits:

- 2 mil urethane film with a 2.5 mil glass bead reflective coating
- Thin gauge urethane and coating combination offers conformability
- Wide angle reflectivity allows for higher reflectivity at wider angles to increase awareness, visibility and safety
- Can be topcoated to suit a variety of print technologies, including HP Indigo, Jetrion and conventional
- High-performance, aggressive permanent acrylic adhesive provides a permanent bond to a wide range of surfaces
- Backed with a 90 lb. two-side polycoated layflat release liner ideal for sheet-form converting
- Minimum of five year outdoor durability
- Exceeds requirements of ASTM D4956 Type 1 sheeting
- "Greener" PVC-free construction



FLEXcon® REFLECTAmark® U 450 White Reflective V-344 90 PFW

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film & Coating	4.5 (114) +/- 15%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.5
	TD	0.5
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)
	Acrylic	58 (638)
	Glass	58 (638)
	Polypropylene	9 (99)
Stainless Steel	59 (649)	
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)	640	ASTM D 2979
Expected Exterior Life	Five to seven years	
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

[FOR REFLECTIVITY DATA, CLICK HERE.](#)

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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