Safety / Visibility Applications

Engineering Grade Retroreflective

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

Custom colors available.

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 #: FLX009586

Product:

FLEXcon® REFLECTAmark® WEGS

Benefits:

- 2 mil acrylic film with 2 mil reflective glass bead coating
- Compatible with a wide range of conventional print methods (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Excellent chemical and scratch resistance
- High-performance permanent acrylic adhesive bonds well to ABS, aluminum and stainless steel surfaces
- Backed with a 90 lb. moisture stable polycoated layflat release liner ideal for sheet-form converting
- 7 year outdoor durability

FLEXcon®
REFLECTAmark® WEGS

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film & Coating	4.0 (102) +/- 15%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	1.2-1.3 (30-33) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	0.50	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.50	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
Acrylic	Film rips during the adhesion test		
Glass	Film rips during the adhesion test		
Stainless Steel	Film rips during the adhesion test		
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)	850		ASTM D 2979
Expected Exterior Life	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 when stored at 70°F (10°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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