

# Safety / Visibility Applications

White Polyester Retroreflective - Sheet Form

*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 #: FLX055420*



Product:

Flexcon®  
ReflectaMark® PM 400 White Reflective  
V-344 90 PFW

Benefits:

- 2 mil white polyester film with 2 mil glass bead reflective coating offers higher reflectivity and reflects from a longer distance than standard promotional grade film
- Printable via TTR, flexo and screen. Can be topcoated for additional print technologies (Including Digital and Conventional)
- Additional colors available (PMS color match)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal, powder coated paint, paint, ceramic, paper/fiber, glass and fiberglass
- Backed with a 90 lb. two-side polycoated layflat release liner ideal for sheet-form converting

Flexcon®  
 ReflectaMark® PM 400 White Reflective  
 V-344 90 PFW

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film & Coating	4.0 (102) +/- 15%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	0.50
	TD	0.50
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	Film destructs during adhesion test	
Glass	Film destructs during adhesion test	
Polypropylene	15 (165)	
Stainless Steel	Film destructs during 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)	25	
Tack (gm/sq cm)	660	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	Two years stored at 70°F (21°C) and 50% RH	

[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.

Last Modified On: 08/27/2024

