

# Industrial Equipment - Warning/Instructional Marking

## Engineering Grade Reflective Pressure-Sensitive Film - Sheet Form

Warning and instructional labels contain critical information about how to properly operate industrial equipment as well as the hazards associated with improperly operating the equipment. It is crucial that the information conveyed on these fundamental labels remain legible for the life of the product. Pressure-sensitive films are ideal because they are rigid and provide excellent printability, keeping the label intact and legible. Film also provides good resistance to the abrasion that occurs during product assembly, shipment, and use. Pressure-sensitive adhesives are specially formulated to securely bond to a large variety of challenging surfaces. For protecting your brand identity, look no further than pressure-sensitive films and adhesives to support your warning and instructional label application needs. **For more information on FLEXcon's pressure-sensitive film solutions for warning/instructional marking, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.**



**Product:** REFLECTAmark® White EG Sheet

**Benefits:**

- Engineering grade 2 mil acrylic film with 2.5 mil reflective glass bead coating
- Custom colors available: Yellow, Orange, Red, Green, Blue
- 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 layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting
- 7 year outdoor durability

# REFLECTAmark® White EG Sheet

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film & Coating 4.0 (102) +/- 15%	ASTMD 3652
	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	
<b>Reflectivity</b>		
	D.A. (Divergence Angle)	I.A. (Incidence Angle) Rating
	0.2°	-4° 137.1 +30° 68.0 +40° 31.1
	2.0°	-4° 8.24 +30° 7.34 +40° 5.89
<b>Adhesion Properties</b>		
Ultimate Peel from*	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in (N/m)	
ABS	15+ (165+)	
Aluminum	15+ (165+)	
Stainless Steel	15+ (165+)	
<b>Expected Shear</b>		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	30	
<b>Tack (gm/sq cm):</b>	700	ASTM D 2979
<b>Expected Exterior Life</b>	Seven years	
<b>Service Temperature Range</b>	-40°F to 176°F (-40°C to 80°C)	
<b>Minimum Application Temperature</b>	50°F (10°C)	
<b>Storage Stability</b>	Two years when stored at 50°F (10°C) and 50% relative humidity	

\*Film rips

#### 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.

