Flexcon® FlexMark® UVOL 500 Clear Velvet V-344 150 Poly H-9

Durable Goods and Equipment Labeling Clear Velvet UV Resistant Polycarbonate - Overlaminate

FLX067807

Benefits

- 5 year outdoor durability

Features

- 5.0 mil clear velvet overlaminating polycarbonate that protects against damaging UV rays, moisture & scratching
- Permanent pressure-sensitive acrylic adhesive bonds well to printed film
- Backed with an ultra-smooth clear polyester release liner

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.84	
Film	5.0 +/- 10 %	127
Adhesive	1.4-1.5 +/- 0.1	36-38 +/- 3
Liner	1.4 +/- 10 %	36

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	61	671
Acrylic	68	748
Glass	68	748
Polypropylene	48	528

Test Method: ASTM D 903 (Modified for 72 hr. dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	100	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	900	ASTM D 2979
Expected Exterior Life	5 Years based on 2000 hours Xenon arc weatherometer exposure	
Additional Information		
Service Temperature	-40°F to 212°F (-40°C to 100°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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