Flexcon® DPM® TCG 1 MIL Clear PVF Overlaminate, Permanent Adhesive, Overlaminate Liner

Consumer Durables & Industrial Products Clear Tedlar®* Overlaminate - UV Resistant

FLX069283

Benefits

- 10-year outdoor life (UV protection) based on 8000 hours Xenon Arc
- Provides excellent anti-graffiti and chemical resistance, and protection from moisture, scratches, and dirt

Features

- 1.0 mil clear gloss Tedlar®* (PVF) for durable goods overlaminating applications
- Permanent pressure-sensitive clear acrylic adhesive provides optimal clarity and bonds well to printed surfaces
- Adhesive has good wet out characteristics
- Backed with a 42 lb. one side polycoated white kraft release liner that results in good adhesive clarity

*Tedlar® is a registered trademark of E.I. du Pont de Nemours & Compan

Additional Details

Learn more about Overlaminates

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	5.1	
Film	1.0 +/- 10%	25
Adhesive	1.1-1.2 +/- 0.1	28-30 +/- 3
Liner	3.1 +/- 10 %	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	34	374
Acrylic	37	407
Glass	37	407
Polypropylene	7	77

Test Method: ASTM D 903 (Modified for 72 hr. RT 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)	450	ASTM D 2979
Expected Exterior Life	10 Years (based on 8000 hours Xenon Arc)	
Additional Information		
Service Temperature	-40°F to 225°F (-40°C to 107°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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