



## 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 & Company

### Additional Details

Learn more about [Overlaminate](#)

### 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**

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.