



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

Consumer Durables & Industrial Products Clear Tedlar®\* Overlamine - 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)



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## 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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