



Flexcon® FlexMark® CPT TOPCOATED CLEAR VINYL, COATED WITH A HIGH-PERFORMANCE PERMANENT ADHESIVE

Promotional Advertising: Topcoated Clear Vinyl - Permanent
FLX059981

Benefits

Adhesive bonds well to PVC, Varnished Wood, Lumber/Wood, Paint,ABS, acrylic, Formica®, aluminum, stainless steel, HDPE, painted metal, styrene, painted non-vinyl wallboard, glass and Ceramic\

Features

- 4.0 mil hard clear vinyl provides durability for ease of installation and removal
- Primed for excellent ink adhesion and printability via UV and conventional offset; solvent and UV screen; solvent and UV inkjet; and UV, solvent and water flexo
- Suitable for mounting on the outside and inside of windows
- Intended for use on glass only
- Acrylic adhesive offers high initial tack and high ultimate bond to a wide variety of smooth and rough textured surfaces, including low surface energy plastics and painted metal
- Adhesive has high peel and high shear characteristics resistant to cold flow and ooze
- Backed with a 90 lb. two-side polycoated layflat release liner ideal for sheet-form converting

Additional Details

For Inkjet Printing: • Typical max. ink limit = 250%; • When storing printed graphics, sheeted, stacked or in roll-form, consider leaving an unprinted margin (about 1/4") to allow for potential shrinkage of the film before trimming

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|---------------------|---------|
| Total Product | 12.15 | |
| Film | 4.0 +/- 10% | 102 |
| Adhesive | 0.9-1.0 +/- 0.1 (3) | |
| Liner | 6.9 +/- 10% | 175 |

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



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Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|----------------------|---------------|-------|
| Stainless Steel | 87 | 957 |
| Acrylic Powder Paint | 101 | 1111 |
| Glass | 96 | 1056 |
| Polypropylene | 43 | 473 |
| ABS | 110 | 1210 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|--|-------------|
| Expected Shear (hours) | | |
| Tack (g) | 1000 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | | |
| Service Temperature | -40°F to 176°F (-40°C to 80°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% RH | |

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.

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