# FlexMark® V 400 Frosty Clear TC-106 L-29 Spec 50K-8

Consumer Durables Gloss Topcoated Frosty Clear Vinyl

FLX000409

## Benefits

- UL recognized under UL 969 – UL File No.PGGU2.MH10170 Marking and Labeling System Materials – Component
- View FlexMark® V 400 Frosty Clear Yellow Card

## Features

- 3.5 mil frosty clear vinyl with good chemical resistance to mild cleaning products that's easy to apply
- Printable via water flexo (please test for ink adhesion with your specific ink chemistry)
- Permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces
- Permanent clear overlaminating pressure-sensitive acrylic adhesive offers excellent clarity and performance
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting

## Additional Details

## Technical Data

**Physical Properties**

| Thickness (Mils [microns]) | Mils | Microns |
|---|---|---|
| Total Product | 7.9 | |
| Film | 3.5 +/- 10 % | 89 |
| Adhesive | 0.8-0.9 +/- 0.1 | 20-23 +/-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 | 47 | 517 |
| Acrylic | 60 | 660 |
| Glass | 54 | 594 |
| Polypropylene | 14 | 154 |

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

| Additional Properties | Value | Test Method |
|---|---|---|
| Expected Shear (hours) | 15 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 500 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | 72 hr water immersion + 24 hr recovery vs 72 hr at RT on SS panel (24 hr dwell time on SS panel before immersion) No visual change or adhesion loss | |
| Service Temperature | -40°F to 176°F (-40°C to 80°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Six months stored at 70°F (21°C) and 50% relative humidity | |

## Product Performance and Suitability

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