



# 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

## 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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