Flexcon® FlexMark® PLV 400 F White V-29 90 PFW

Vending Graphics Side Panels - Permanent

FLX000077

Benefits

- Film has excellent chemical and abrasion resistance

Features

- 4.0 mil durable exterior grade flexible white opaque premium life vinyl provides a 5-year expected outdoor life
- Printable via UV and solvent inkjet, UV and solvent screen, and UV offset (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Adhesive adheres to many different surface shapes including smooth, semi-smooth, flat and curved surfaces
- Permanent pressure-sensitive acrylic adhesive bonds well to glass and high-surface energy plastics
- Backed with a layflat, moisture stable release liner for ease of printing and converting

Additional Details

Recommendations: We recommend that this product be tested for your specific application requirements. This product is not intended for use over rivets or welds. Please consult your Flexcon Sales Representative for further information.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	11.55	
Film	4.0 +/- 10%	102
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	6.9 +/- 10%	175

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic Powder Paint on Metal	59	649
Epoxy Powder Paint on Metal	70	770
Polyester Powder Paint	32	352
Polyurethane Powder Paint on M	72	792

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

Additional Properties	Value	Test Method
Expected Shear (hours)	25	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	300	ASTM D 2979
Expected Exterior Life	Five to seven years, mid North America	
Additional Information	No visual change or adhesion loss 3 day water immersion plus 24 hr. recovery vs. 72 hr. at RT on SS panel (24 hr. dwell on SS panel before immersion)	
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% 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.

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