

Vending Graphics

Side Panels - Permanent

Side panel decals on vending machines promote brand identity and catch consumer attention. Image and durability are of utmost importance, whether for indoor or outdoor applications.

*End Use Applications:
Side Panel Decals*

For more information on FLEXcon's pressure-sensitive film solutions for Vending Graphics, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.

Product ID #: FLX000077



Product:

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

Benefits:

- 4.0 mil durable exterior grade flexible white opaque premium life vinyl provides a 5-year expected outdoor life
- Film has excellent chemical and abrasion resistance
- 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 a variety of surfaces, including powder-coated painted metal
- Backed with a layflat, moisture stable release liner for ease of printing and converting

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.

Flexcon®

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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	4.0 (102) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Water Immersion 3 day water immersion	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 time on SS panel before immersion)
Chemical Resistance	Isopropyl Alcohol	No visual change, 20% adhesion loss
	Acetic Acid (5%)	No visual change or adhesion loss
	Oil (SAE 10W-40)	No visual change or adhesion loss
	Gasoline	Edge penetration, 50% adhesion loss
	Toluene	Film deterioration & complete adhesion loss
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	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 Metal	72	(792)
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	25	
Tack (gm/sq cm)	300	ASTM D 2979
Expected Exterior Life	Five to seven years, mid North America	
Service Temperature Range	-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	

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