ConformCal™ V 400 F SC V-29 90 PFW

Soft Flexible Clear Vinyl

FLX000298

Benefits

- Product has the ability to adhere to curved compound surfaces and rivets without lifting.

Features

- 3.5 mil gloss flexible soft crystal clear vinyl film provides excellent conformability for compound curved surfaces
- Printable via UV and solvent screen, and solvent flexo
- Permanent acrylic adhesive bonds well to high-surface energy plastics
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	11.35	
Film	3.5 +/- 10 %	89
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)
Stainless Steel	47	517
Acrylic	60	660
Glass	54	594
Polypropylene	14	154

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