Flexcon® DrumCal™ 41028

3.1 Mil White Vinyl, Permanent Adhesive, Sheet-Form Liner - BS 5609 Compliant

FLX000332

Benefits

2 year outdoor durability
BS 5609 Section 2 compliant (salt water immersion)

Features

3.1 mil flexible white vinyl provides excellent chemical resistance for drum labeling applications
The internal strength of the film facilitates removal during reconditioning
Excellent printability via most conventional ink systems (for laser printing, a press applied varnish is recommended)
Adhesive system is designed to bond well to painted steel, fiber and plastic drums
Product can be applied at low temperatures
Permanent pressure-sensitive adhesive possesses good adhesion properties, tack and chemical resistance
92 lb. sheet liner offers excellent layflat and feeding for efficient converting, imaging, and application handling

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	11.05	
Film	3.1 +/- 10 %	79
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	7.4 +/- 10 %	188

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	85	935
Acrylic	102	1122
Glass	94	1034
Polypropylene	61	671

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)	750	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	32°F (0°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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