Flexcon® DrumCal™ 41048

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

FLX000612

Benefits

- BS 5609 compliant
- 2 year outdoor durability

Features

- 3.5 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
- High peel, high shear adhesive resists cold flow and oozing, gaining efficiencies in diecutting and dispensing
- 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	11.45	
Film	3.5 +/- 10 %	89
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	6.7 +/- 10 %	170

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	10°F (-12.5°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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