Petroleum / Chemical Drum Labeling

White Polypropylene - Laser and Thermal Transfer Printable - BS 5609

For the Labeling of Steel, Plastic and Fiber Drums

Compliant with the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals

For more information on FLEXcon's pressure-sensitive film solutions for Drum Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX066314



Product: Flexcon® DrumCal™ 51531

Benefits:

- "Greener" 2.3 mil white polypropylene film with consistent surface smoothness, excellent dimensional stability, along with excellent chemical resistance
- Topcoated surface optimizes printability with thermal transfer resin, UV inkjet,flexographic, rotary screen, rotary letterpress and hot stamping
- Topcoat (TC-274) is less abrasive on dies than our traditional matte topcoat (MTC-354)
- "Greener", general-purpose permanent acrylic adhesive bonds well to painted steel, fiber and plastic drums
- 74 lb. clay-coated release liner possesses excellent lay-flat properties and tracks well through dry- and liquid-toner based laser systems, regardless of ambient temperatures
- Liner is designed for sheet-fed, roll-form, and fan-fold printers
- This product has been qualified on the Konica Minolta®* Bizhub, and Microplex and CAB dual head printers
- One-year outdoor durability
- BS 5609 compliant (Section 2 & 3 approved)
- For laser diecutability, please check with your equipment manufacturer

*Konica Minolta® is a registered trademark of Konica Minolta Business Solutions U.S.A., Inc.

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Flexcon® DrumCal™ 51531

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	6.0 (152) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed		Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
ABS	64	(704)	
Acrylic	49	(539)	
Acrylic Powder Paint	50	(550)	
Aluminum	63	(693)	
Epoxy Powder Paint	61	(671)	
Fiberglass	34	(374)	
HDPE	24	(264)	
Painted Metal	44	(484)	
Plastic Drum	24	(264)	
Polyester	57	(627)	
Polyester Powder Paint	59	(649)	
Polypropylene	18	(198)	
Polyurethane Powder Paint	52	(572)	
Stainless Steel	39	(429)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	5		
Tack (gm/sq cm)	650		ASTM D 2979
Expected Exterior Life	One year		
Service Temperature Range	-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

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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