

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.

Flexcon® DrumCal™ 51531

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%
	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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