

Petroleum / Chemical Drum Labeling

Topcoated White Vinyl - Laser Printable - BS5609

*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 #: FLX058668



Product: **Flexcon® DrumCal™ 41521**

Benefits:

- 3.1 mil flexible white vinyl provides excellent chemical resistance for drum labeling applications
- The internal strength of the film facilitates removal during drum reconditioning
- Gloss topcoat yields excellent printability via laser, and UV, solvent and water flexo
- 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
- 74 lb. clay-coated release liner possesses excellent lay-flat properties
- Liner tracks well through laser printers and provides an excellent die-cutting base
- Designed for sheet-fed and roll-form laser printers
- BS 5609 compliant
- 2 year outdoor durability



Flexcon® DrumCal™ 41521

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	3.1 (79) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner	6.0 (152) +/- 10%	
Dimensional Stability (%)	MD	0.75	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.75	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
ABS	14	(154)	
Acrylic	93	(1023)	
Acrylic Powder Paint	74	(814)	
Aluminum	67	(737)	
Cardboard Box	36	(396)	
Epoxy Powder Paint	80	(880)	
Fiberglass	51	(561)	
Glass	74	(814)	
HDPE	49	(539)	
Metal - Painted	75	(825)	
Paper	7	(77)	
Plastic Drum	41	(451)	
Polycarbonate	78	(858)	
Polyester Powder Paint	65	(715)	
Polypropylene	69	(759)	
Stainless Steel	76	(836)	
Styrene	71	(781)	
Expected Shear			
Room Temp (hours)	5		
Tack (gm/sq cm)	930		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	32°F (10°C)		
Storage Stability	Two years when 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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