Petroleum / Chemical Drum Labeling

Topcoated White Vinyl - Laser 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.
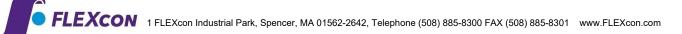
Product ID #: FLX061874

Product: **Flexcon® DrumCal™ 41541**

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
- High peel, high shear adhesive resists cold flow and oozing, gaining efficiencies in diecutting and dispensing

- Aggressive, high-performance adhesive offers superior chemical and solvent resistance, and excellent performance in cold-temperatures
- 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™ 41541

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	0.87		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	68	(748)		
Acrylic	81	(891)		
Acrylic Powder Paint	67	(737)		
Aluminum	75	(825)		
Epoxy Powder Paint	80	(880)		
Fiberglass	50	(550)		
HDPE	44	(484)		
Metal - Painted	65	(715)		
Plastic Drum	26	(286)		
Plexiglass	81	(891)		
Polyester	66	(726)		
Polyester Powder Paint	35	(385)		
Polypropylene	22	(242)		
Polyurethane Powder Paint	72	(792)		
Stainless Steel	77	(847)		
Styrene	69	(759)		
Expected Shear				
Room Temp (hours)	8			
Tack (gm/sq cm)	610			ASTM D 2979
Expected Exterior Life	Two years			
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)			
Minimum Application Temperature	10°F (-12°C)			
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity			