

Petroleum / Chemical Drum Labeling

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 #: FLX000612



Product: **Flexcon® DrumCal™ 41048**

Benefits:

- 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)
- High peel, high shear adhesive resists cold flow and oozing, gaining efficiencies in diecutting and dispensing
- Adhesive system is designed to bond well to painted steel, fiber and plastic drums
- Product can be applied at low temperatures
- 92 lb. sheet liner offers excellent layflat and feeding for efficient converting, imaging, and application handling
- BS 5609 compliant
- 2 year outdoor durability

Flexcon® DrumCal™ 41048

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	6.7 (170) +/- 10%
Dimensional Stability (%)	MD	0.75
	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	102 (1122)	
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	61 (671)	
Polyurethane Powder Paint	72 (792)	
Stainless Steel	85 (935)	
Styrene	69 (759)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	15	
Tack (gm/sq cm)	750	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 (-12.5°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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