

Petroleum / Chemical Drum Labeling

White Vinyl - 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 #: FLX000332



Product: **Flexcon® DrumCal™ 41028**

Benefits:

- 3.1 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)
- Permanent pressure-sensitive adhesive possesses good adhesion properties, tack and chemical resistance
- 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
- 2 year outdoor durability
- BS 5609 Section 2 compliant (salt water immersion)



Flexcon® DrumCal™ 41028

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	1.1-1.1 (25-28) +/- 0.1 (3)	
	Liner	6.7 (170) +/- 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	102	(1122)	
Acrylic Powder Paint	74	(814)	
Aluminum	67	(737)	
Epoxy Powder Paint	59	(649)	
Fiberglass	51	(561)	
HDPE	49	(539)	
Metal - Painted	55	(605)	
Paper Drum	19	(209)	
Plastic Drum	41	(451)	
Plexiglass	80	(880)	
Polyester	70	(770)	
Polyester Powder Paint	55	(605)	
Polypropylene	61	(671)	
Stainless Steel	85	(935)	
Styrene	71	(781)	
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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