

# Petroleum / Chemical Drum Labeling

White Polyester - Laser and Thermal Transfer 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 #: FLX000327*



Product: **Flexcon® DrumCal™ 21043**

## Benefits:

- 2.0 mil print receptive white polyester provides excellent chemical resistance for drum labeling applications
- The internal strength of the film facilitates removal during reconditioning
- Excellent printability via thermal transfer, laser and most conventional ink systems
- 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
- Release liner is ideal for cut sheet, fanfold and roll-to-sheet converting
- Fanfoldable 77 lb. layflat roll-to-sheet liner feeds well through most sheet-fed, continuous laser and thermal transfer printers
- 2 year outdoor durability
- BS 5609 compliant

# Flexcon® DrumCal™ 21043

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)
	Liner	5.6 (142) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
ABS	46 (506)	
Acrylic	72 (792)	
Acrylic Powder Paint	49 (539)	
Aluminum	58 (638)	
Epoxy Powder Paint	62 (682)	
Fiberglass	37 (407)	
Glass	67 (737)	
HDPE	27 (307)	
Painted Metal	46 (506)	
Plastic Drum	24 (264)	
Polyester	58 (638)	
Polyester Powder Paint	9 (99)	
Polypropylene	7 (77)	
Polyurethane Powder Paint	53 (583)	
Stainless Steel	45 (495)	
Styrene	52 (572)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	20	
Tack (gm/sq cm)	480	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	10°F (-12°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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