



## Flexcon® DrumCal™ 41743

3.5 Mil White Vinyl, Permanent Adhesive, Roll-to-Sheet - BS 5609 Compliant  
FLX069117

### Benefits

- BS 5609 compliant
- 2 year outdoor durability

### Features

- 3.5 mil flexible white vinyl provides excellent chemical resistance for drum labeling applications
- The internal strength of the film facilitates removal during reconditioning
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Unique matte topcoat allows for greater than four times as many die revolutions before retooling compared with competing label materials
- Matte filled topcoat allows for successful printing with a wider range of wax/resin ribbons
- Topcoat provides excellent resistance to chemicals, moisture, smudging and scratching
- 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
- Fanfoldable 77 lb. layflat roll-to-sheet liner feeds well through most sheet-fed, continuous laser and thermal transfer printers
- Release liner is ideal for cut sheet, fanfold and roll-to-sheet converting

### Additional Details

#### Technical Data

##### Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	10.3	
Film	3.5 +/- 10 %	89
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	5.6 +/- 10 %	142

Test Method: ASTM D 3652 (Modified for use with non-tape product)

**Adhesion Properties**

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	77	847
Acrylic	81	891
Glass	61	671
Polypropylene	22	242
Polyester	66	726

Test Method: ASTM D 903 (Modified for 72 hr. RT dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	8	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	610	ASTM D 2979
Expected Exterior Life	Film: Two years, Matte Coating: Discolors under sunlight.	
Additional Information		
Service Temperature	-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**

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.