

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% |
| | Adhesive | 1.1-1.1 (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 | 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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