

Petroleum / Chemical Drum Labeling

Topcoated 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 #: FLX000333



Product: **FLEXcon® DRUMcal™ 41443**

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
- Topcoat provides excellent printability via 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 very 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
- BS 5609 compliant
- 2-year outdoor durability
- For information regarding BS 5609 Section 3 testing, please contact the Product Identification Business Team



FLEXcon® DRUMcal™ 41443

| PRODUCT DATA | VALUE | | TEST METHOD |
|---------------------------------|--|-----------------------------|---|
| Physical Properties | | | |
| Thickness (Mils[microns]) | MTC & Film | 3.1 (79) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| | Adhesive | 1.0-1.1 (25-28) +/- 0.1 (3) | |
| | Liner | 5.6 (142) +/- 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 | 68 | (748) | |
| Acrylic | 81 | (891) | |
| 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 | 22 | (242) | |
| Stainless Steel | 77 | (847) | |
| 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) | 510 | | 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°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.

Last Modified On: 10/20/2022

