

Petroleum / Chemical Drum Labeling

Topcoated White Polypropylene - Thermal Transfer Printable

*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 #: FLX056886



Product: Flexcon® DrumCal™ 51932

Benefits:

- Greener 2.3 mil BBP free white polypropylene film
- Topcoated surface optimizes printability with thermal transfer resin, UV inkjet, flexographic, rotary screen, rotary letterpress and hot stamping
- Qualified with Microplex and cab dual head printers
- Greener general purpose permanent adhesive bonds well to painted steel, fiber and plastic drums
- Backed with a 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll form converting
- Liner is remoisturized for better stability and layflat
- BS 5609 Section 2 compliant (salt water immersion)
- BS 5609 Section 3 compliant with a variety of thermal transfer ribbons

Pertaining to BBP Free: None of the RoHS, RoHS 2015, REACH, CPSIA and California Prop 65 substances are knowingly used or intentionally added during the manufacturing process.

Flexcon® DrumCal™ 51932

| PRODUCT DATA | VALUE | TEST METHOD |
|---------------------------------|---|---|
| Physical Properties | | |
| Thickness (Mils[microns]) | Film | 2.3 (58) +/- 10% |
| | Adhesive | 0.8-0.9 (20-23) +/- 0.1 (3) |
| | Liner | 3.1 (79) +/- 10% |
| Dimensional Stability (%) | No Shrinkage Observed | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |
| Adhesion Properties | | |
| Ultimate Peel from | Average | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In (N/m) | |
| ABS | 64 (704) | |
| Acrylic | 49 (539) | |
| Acrylic Powder Paint | 50 (550) | |
| Aluminum | 63 (693) | |
| Epoxy Powder Paint | 61 (671) | |
| Fiberglass | 34 (374) | |
| HDPE | 24 (264) | |
| Painted Metal | 44 (484) | |
| Plastic Drum | 24 (264) | |
| Polyester | 57 (627) | |
| Polyester Powder Paint | 59 (649) | |
| Polypropylene | 18 (198) | |
| Polyurethane Powder Paint | 52 (572) | |
| Stainless Steel | 39 (429) | |
| Expected Shear | | ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load |
| Room Temp (hours) | 5 | |
| Tack (gm/sq cm) | 650 | ASTM D 2979 |
| Expected Exterior Life | One year | |
| Service Temperature Range | -40°F to 176°F (-40°C to 80°C) | |
| Minimum Application Temperature | 32°F (0°C) | |
| Storage Stability | Two years 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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