

Durable Goods and Equipment Labeling for Low-Energy Surfaces

White Polyester - Roll Form

*Adhere Labels to
Low-energy Surfaces
Without Pretreating*

*End Use Applications:
Compliance Labels
Warning & Instructional Labels
Nameplates
Brand Identity Labels
Warehouse WIP Labels, Shelf
Marking
Supply Chain Management*

*For Durable Goods
including:
Outdoor Power Equipment
Power Tools
Appliances
Electronics
Recreational Vehicles
Sporting Equipment
Industrial Equipment...and more*

*For Transportation
including:
Automotive
Aerospace
Heavy Equipment*

*For more information on
FLEXcon's
pressure-sensitive film
solutions for Durable
Labeling and Equipment
Labeling, contact your local
Sales Representative or our
Product Identification
Business Team at (508)
885-8300.*

Product ID #: FLX056046



Product: **Flexcon® DPM® LSE™
PM 200 White TC-716 L-778
PCW 50K/Q-8 (1.8-2.0)**

Benefits:

- No surface preparation required before application.
- 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is more universally printable than other thermal transfer printable products
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Coated with 2 mils of L-778, high-performance permanent modified acrylic adhesive, for rough textured surfaces
- Permanently bonds to a variety of low surface energy plastics, painted metal, powder coated paint, polycarbonate and fiberglass
- Backed with a 50 lb. Quilon®* coated bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- UL-recognized and certified with inks from four leading manufacturers

*Quilon® is a registered trademark of Zaclon, LLC.

Flexcon® DPM® LSE™ PM 200 White TC-716 L-778 PCW 50K/Q-8 (1.8-2.0)

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	1.8-2.0 (45-50) +/- 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)	
Acrylic Powder Paint	119 (1309)	
Epoxy KF4	94 (1034)	
Epoxy Powder Paint	123 (1353)	
Fiberglass	73 (803)	
Melamine	96 (1056)	
Painted Metal	116 (1276)	
Polycarbonate	107 (1177)	
Polyester Powder Paint	114 (1254)	
Polypropylene	63 (693)	
Polyurethane Powder Paint	116 (1276)	
Stainless Steel	128 (1408)	
TPO	94 (1034)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	50	
Tack (gm/sq cm)	900	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	32°F (0°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

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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