Flexcon® ThermlFilm® PM 200 White TC-390 V-606 Spec 50K/Q-9 (1.4-1.5)

Automotive Engine Compartment Cover Label

FLX012547

Benefits

Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons

Features

- 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is compatible with color and black resin and wax/resin thermal transfer ribbons (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Permanent acrylic adhesive offers medium tack, high shear and excellent adhesion to a variety of metal and plastic surfaces, including polypropylene, polyethylene, PORON® and Kushon® cellular rubber products
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of rough textured surfaces, including low-surface energy plastics and painted metal
- Backed with a 50lb. semi-bleached kraft release liner that is Quilon® coated†

Additional Details

*PORON® is a registered trademark of Rogers Corporation. Kushon® is a registered trademark of Griswold Products, LLC.

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

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.13	
Film	2.0 +/- 10 %	51
Adhesive	1.4-1.5 +/- 0.1	36-38 +/- 3
Liner	3.1 +/- 10 %	79

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

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	91	1001
Glass	127	1397
Polypropylene	15	165
Acrylic	113	1243

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

Additional Properties	Value	Test Method
Expected Shear (hours)	100	b. 1 sq. in. surface
Tack (g)	1300	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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