Flexcon® ThermlFilm Select® 22940 2.0 mil Silver Matte Polyester with Gloss Topcoat

Durable Goods and Equipment Labeling Gloss Topcoated Silver Matte Polyester - Thermal Transfer Printable

FLX000470

Benefits

- UL recognized under UL 969 - UL File No. PGJI2.MH16635 Printing Materials - Component
- CUL recognized under UL File No. PGJI8.MH16635 - Printing Materials Certified for Canada - Component - under CAN/CSA standard C22.2, No. 0.15
- CSA accepted with specific thermal transfer ribbon(s) and printer(s) under CSA standard C22.2 No. 0.15-95
- Full color static and variable printing in one pass together with UL PGJI2 recognition when printed on a Jetrion 4000 series UV Inkjet System
- CSA accepted under CSA File No. 99214
- View Flexcon® ThermlFilm Select® 22940 Yellow Card

Features

- 2.0 mil silver matte polyester with gloss topcoat provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- 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)
- Static dissipating additives in the topcoat reduce the risk of print voids due to static generated at the print head
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers

Additional Details

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6.47	
Film	2.0 +/- 10 %	51
Adhesive	0.8-0.9 +/- 0.1	20-23 +/- 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	55	605
Acrylic	77	847
Glass	68	748
Polypropylene	15	165

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

Additional Properties	Value	Test Method
Expected Shear (hours)	30	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	1030	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-85°F to 302°F (-65°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

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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