ThermlFilm Select® 21940 TTR(W/R&R) 2 MIL Gloss Topcoat White Polyester Permanent Adhesive UL Recognized

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

FLX000467

Benefits

- UL recognized under UL 969 - UL File No. PGJI2.MH16635 Printing Materials - Component
- cUL recognized under UL 969 - UL File No. PGJI8.MH16635 Printing Materials - Component
- 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 ThermlFilm Select® 21940 Yellow Card

Features

- 2.0 mil gloss topcoated white polyester 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 pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal, powder coated paint, paint, ceramic, paper/fiber, glass and fiberglass
- 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	6.48	
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	-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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