Flexcon® ThermlFilm Select® 21980

2.0 Mil Gloss Topcoated White Polyester, Permanent Adhesive, Roll-Form Liner (1.45-1.55)

FLX021761

Benefits

- Adhesive exhibits exceptional performance on textured and uneven surfaces
- Quilon®* coated to prevent label pick-off
- 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 under CSA File No. 99214

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)
- 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 50 lb. semi-bleached kraft release liner that is Quilon®* coated

Additional Details

*Quilon® is a registered trademark of Zaclon LLC

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	7.08	
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	90	990
Acrylic	94	1034
Glass	104	1144
Polypropylene	29	319
ABS	87	957

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

Additional Properties	Value	Test Method
Expected Shear	75	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack	1680	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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