



Flexcon® ThermoFilm 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. PGJ12.MH16635 Printing Materials - Component
- CUL recognized under UL File No. PGJ18.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

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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.