



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 (hours) | 75 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 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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