Flexcon® ThermlFilm® NexGen™ 22110

2.0 Mil Gloss Topcoated Silver Polyester, Permanent Adhesive, Roll-Form Liner

FLX054104

Benefits

- Silver polyester provides a high-end appearance
- 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

- Gloss topcoated 2.0 mil silver polyester provides consistent surface smoothness, excellent dimensional stability, and endurance to varying temperatures
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; laser (toner); and narrow-format UV inkjet
- Greener general purpose pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear adhesive resists cold flow and allows for better diecutting and dispensing
- 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, 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	6.25	
Film	2.0 +/- 10%	51
Adhesive	0.8-0.9 +/- 0.1 (3)	20-23
Liner	3.1 +/- 10%	79

Test Method: ASTM D 3652 (Modified for use with non-tape products)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic	51	561
Glass	47	517
Stainless Steel	48	528
Polypropylene	35	385

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	5	ASTM 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	750	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information	Not to be used for setting specifications. Due to the custom nature of this product, the data presented are based on three or less production runs.	
Service Temperature	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	32°F (0°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% RH	

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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