Flexcon® ThermlFilm® NexGen™ 21110

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

FLX054103

Benefits

- 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
- Order custom widths without purchasing a whole master through Flexcon® FlexChoice™ for Durables
- View Flexcon® ThermlFilm® NexGen™ 21110 Yellow Card

Features

- 2.0 mil white gloss topcoated 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; and UV inkjet
- Topcoat is more universally printable than other thermal transfer printable products
- 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

Learn more about Flexcon® NexGen™ durable industrial labels.

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	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	68	748
Acrylic	71	781
Glass	65	715
Polypropylene	24	264

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

Additional Properties	Value	Test Method
Expected Shear (hours)	5	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	800	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	32°F (0°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.

© 2026 Flexcon, Inc. All rights reserved.