

# Durable Goods and Equipment Labeling

Gloss Topcoated White Polyester - Universally Printable

## *End Use Applications:*

*Compliance Labels  
Warning & Instructional Labels  
Nameplates  
Brand Identity Labels*

## *For Durable Goods including:*

*Outdoor Power Equipment  
Power Tools  
Appliances  
Electronics  
Recreational Vehicles  
Sporting Equipment  
Industrial Equipment...and more*

## *For Transportation including:*

*Automotive  
Aerospace  
Heavy Equipment*

*For more information on FLEXcon's pressure-sensitive film solutions for Durable Goods and Equipment Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.*

*Product ID #: FLX054103*



Product:

**Flexcon®  
ThermIFilm® NexGen™ 21110**

## Benefits:

- 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is more universally printable than other thermal transfer printable products
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and 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
- Higher shear adhesive resists cold flow and allows for better diecutting and dispensing
- Backed with a 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
- 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
- Order custom widths without purchasing a whole master through [Flexcon® FlexChoice™ for Durables](#)

# Flexcon® ThermIFilm® NexGen™ 21110

PRODUCT DATA	VALUE	TEST METHOD	
<b>Physical Properties</b>			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	3.1 (79) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
<b>Adhesion Properties</b>			
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)	
	Oz/In		(N/m)
	Acrylic		71 (781)
	Glass		65 (715)
	Polypropylene		24 (264)
	Stainless Steel		68 (748)
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load	
Room Temp (hours)	5		
Tack (gm/sq cm)	800	ASTM D 2979	
Expected Exterior Life	Two years		
Service Temperature Range	-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) at 50% RH		

#### Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

Last Modified On: 07/25/2024

