

## Flexcon® ThermlFilm® NexGen™ 24110

2.0 Mil Gloss Topcoated Satin Silver Polyester, Permanent Adhesive, Roll-Form Liner FLX054105

### **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

### **Features**

- 2.0 mil gloss topcoated satin silver polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Topcoat is more universally printable than other thermal transfer printable products
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate
  and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- Adhesive bonds well to base film substrates
- 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	20-23 +/- 3
Liner	3.1 +/- 10%	79

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



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#### **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)			
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% re humidity	elative	

# **Product Performance and Suitability**

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