

# Durable Goods and Equipment Labeling

Clear Gloss Polyester Overlaminates

## *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 #: FLX000464*



Product:

## Flexcon® ThermiFilm Select® 10852

### Benefits:

- 1.0 mil clear polyester film provides excellent clarity and label protection
- Overlaminating polyester resists temperature extremes, abrasion and chemical exposure for maximum label protection
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- Permanent, pressure-sensitive acrylic bonds well to base film label substrates
- Overlaminating adhesive offers excellent wetout and clarity
- Backed with a 44 lb. polycoated natural Kraft release liner ideal for roll-form converting
- Smooth, polycoated release liner provides good adhesive wetout for clarity of graphics
- UL recognized under UL 969 - UL File No. PGJ12.MH16635 Printing Materials - Component
- CSA accepted with specific thermal transfer ribbon(s) and printer(s) under CSA standard C22.2 No. 0.15-95
- CSA accepted under CSA File No. 99214
- Order custom widths without purchasing a whole master through [Flexcon® FlexChoice™ for Durables](#)

Please note: Not recommended for fan-fold applications.

# Flexcon® ThermiFilm Select® 10852

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	1.0 (25) +/- 10%
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)
	Liner	3.0 (76) +/- 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	45 (495)
	Glass	29 (319)
	Polypropylene	5 (55)
	Stainless Steel	34 (374)
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	25	
Tack (gm/sq cm)	320	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

### 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.

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