





# Durable Goods and Equipment Labeling

Clear Gloss Polyester Overlamine

## **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



This image is an example of how FLEXcon products may be used

## **Product:**

**THERMLfilm 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



# THERMLfilm SELECT® 10852

PRODUCT DATA	VALUE		TEST METHOD
<b>Physical Properties</b>			
Thickness (Mils[microns])	Film	1.0 (25) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	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.

Last Modified On: 11/20/2015



# Product Construction Sheet

FLX019450 - FLEXcon® FLEXmark® PM 200 WHITE TC-245 L-23 SPEC 50K-7

## GENERAL DESCRIPTION:

This is a topcoated white polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with semi-bleached kraft release liner.

## UL/CSA RECOGNITION:

This product is UL recognized. For further information, please reference FLEXcon's UL file number PGGU2.MH10170 and CSA file # 099214-L-000 class 7922-01 or contact your FLEXcon representative.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness	Film: 2.0 (51) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
mil (micron)	Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner: 3.1 (79) +/- 10 %	
Dimensional Stability (%)	No shrinkage observed	On Al panel at 160°F (71°C) for 24 hr.

## ADHESION PROPERTIES\*

Adhesion from	Average oz/in (N/m)	
Stainless Steel	55 (605)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	65 (715)	
Glass	63 (693)	
Polypropylene	6 (66)	
Expected Shear (hours)	50	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	1050	ASTM D 2979

\* For guidance only, 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.

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 stored at 70°F (21°C) and 50% RH
FLEXmark is a registered trademark of FLEXcon Company, Inc.	
09/16/2013	

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