

# Durable Goods and Equipment Labeling

Flexible White Vinyl for Rough Textured Surfaces - Roll Form

## **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 #: FLX000307



## **Product:**

**FLEXcon® DPM® Flex White RTS**

## **Benefits:**

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Topcoated surface is compatible with most conventional and UV ink systems (we recommend evaluating the intended ink system for compatibility with the product under the application conditions)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal and paint
- High shear and high peel adhesive resists cold flow and oozing
- 50 lb. bleached kraft release liner offers good diecutability
- Ideal for roll to roll converting
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- cUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component
- CSA accepted under CSA File No. 99214



# FLEXcon® DPM® Flex White RTS

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	3.5 (89)
	Adhesive	1.9-2.1 (48-53) +/- 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)	
ABS	84 (924)	
ABS Textured Side	40 (440)	
Acrylic	148 (1628)	
Acrylic Powder Paint	83 (913)	
Aluminum	91 (1001)	
Epoxy Powder Paint	96 (1056)	
Fiberglass	81 (891)	
HDPE	54 (594)	
Metal - Heavy Textured Aluminum	20 (220)	
Metal - Light Textured Stainless Steel	107 (1177)	
Painted Metal	74 (814)	
Polycarbonate	82 (902)	
Polyester	89 (979)	
Polypropylene	66 (726)	
Stainless Steel	108 (1188)	
Styrene	81 (891)	
<b>Expected Shear</b>		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	15	
<b>Tack (gm/sq cm)</b>	880	ASTM D 2979
<b>Expected Exterior Life</b>	Five years based on 2000 hrs Xenon Arc	
<b>Service Temperature Range</b>	-40°F to 176°F (-40°C to 80°C)	
<b>Minimum Application Temperature</b>	50°F (10°C)	
<b>Storage Stability</b>	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: 03/29/2018

