

# Durable Goods and Equipment Labeling

Cast White Opaque Vinyl - Sheet Form

## *End Use Applications:*

*Compliance Labels  
Brand Identity Labels  
Warning & Instructional Labels  
Outdoor Signage*

## *For Durable Goods including:*

*Outdoor Power Equipment  
Power Tools  
Appliances  
Electronics  
Industrial Equipment...and more*

## *For Transportation including:*

*Automotive  
Aerospace  
Heavy Equipment  
Rail*

*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 #: FLX062691*



Product:

## **Flexcon® DPM® Cast White Opaque Sheet**

### Benefits:

- Highly conformable 2.0 mil white cast opaque vinyl adheres well to flat, curved and riveted surfaces
- Gray coating on backside of film provides 100% opacity of application surface
- Cast vinyl is resistant to shrinkage and the outdoor elements (no need to overlaminate)
- Die cuts easily
- High-performance permanent adhesive provides a permanent bond to low- and high-surface energy plastics and metals, as well as moderately rough surfaces
- Printable via UV and solvent screen
- 90-lb. moisture stable poly-coated release liner designed for efficient converting and handling
- 7-year outdoor durability
- Recommended overlaminate is DPM® CCG



# Flexcon® DPM® Cast White Opaque Sheet

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	1.0-1.1 (25-28) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	.20	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	.10	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)	
Acrylic	90	(990)	
Fiberglass	62	(682)	
Painted Metal	70	(770)	
Painted/Sealed Concrete	16	(176)	
Stainless Steel	63	(693)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	10		
Tack (gm/sq cm)	790		ASTM D 2979
Expected Exterior Life	Seven years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years 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: 04/11/2024

