

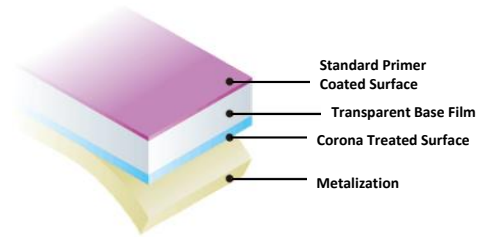
**Product Description:**

➤Base polyester is one side Standard Primer Coated with the other side Corona Treated

**Key Features:**

- Improved barrier properties
- Good mechanical properties
- Excellent machinability & handling properties

**Film Structure**



**Application:**

➤Balloon application

FLEXMETPROTECT™ F-PAB-M is a metallized polyester film having improved barrier properties. The film is available with an optical density of 2.8. The metalization is available on the Corona Treated surface (MT) giving a bond strength between the metal and the film a minimum of 200gm/25mm.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
<b>OPTICAL DENSITY***</b> (TOLERANCE: +/- 5%) (***)Customer to specify the OD value as per their specification.) <p style="text-align: center;"><b>Very High Density (VHD) 2.8 - Special Application</b></p>					
THICKNESS	Internal	Micron (Gauge)	8	9	12
			32	36	48
YIELD		m <sup>2</sup> /kg	89.28	79.36	59.52
		in <sup>2</sup> /lb.	62901	55912	41934
SURFACE TENSION (range) (Standard Primer Coated surface)	D-2578	Dyne/cm	38-44		
COF (max) (MI/MO)	D-1894	-	0.70		
TENSILE STRENGTH AT BREAK (min)	MD	Kg/cm <sup>2</sup>	2300	2300	2300
	TD		2500	2500	2500
	MD	(Psi)	32700	32700	32700
	TD		35500	35500	35500
ELONGATION AT BREAK (min)	MD	%	100	100	105
	TD		80	80	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	%	1.5		
	TD		0.6		
GLOSS (min) (Metalized surface) (Bare surface)	D-2578	-	800		
			600		
MVTR (max) (38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day (gm/100in <sup>2</sup> /day)	VHD		
			0.4		
			0.03		
OTR (max) (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day (cc/100in <sup>2</sup> /day)	0.8		
			0.05		

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# The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

MI - Metal Wound In / MO - Metal Wound Out

**STORAGE & HANDLING**

FLEXMETPROTECT™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXMETPROTECT™ is suitable for use within 6 month from the date of manufacturing.

**FOOD CONTACT**

FLEXMETPROTECT™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific documents and SDS are available on request.

**DISCLAIMER**

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The values given in the technical data sheet represent typical values based on the best of our knowledge on the date when the data was compiled. It is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability / compatibility in all respects. Flex Films (USA) Inc. gives no warranty nor accepts liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.