

**Product Description:**

FLEXMETPROTECT™ F-EBP-M is a metallized polyester film having metallization on corona treated side and other side Acrylic coated surface.

Key Features:

Superior Gloss
Good Barrier Properties
Excellent Machinability & handling properties

Applications:

Product requiring extended shelf life & high barrier against oxygen and moisture

FLEXMETPROTECT™ F-EBP-M grade of film is metallized polyester film having good barrier properties. The film having superior gloss. Film is available in 3.0 optical density. The metallization is available on corona treated side (MT) . The bond between the metal & film is 130-180 gm/25mm.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE	
				12
OPTICAL DENSITY (TOLERANCE : +/- 5%)		-		3.0
THICKNESS	Internal	Micron		12
		(Gauge)		48
FILM DENSITY	D-1505	gm/cc		1.4
GRAMMAGE	Internal	gm/m²		16.8
YIELD	Internal	m²/kg		59.52
		in²/lb		41934
COEFF OF KINETIC FRICTION	D-1894	-		0.7
METAL WOUND				# MI/MO
TENSILE STRENGTH AT BREAK	D-882	Kg/cm²	MD*	1900
			TD*	2000
			MD*	27000
			TD*	28500
ELONGATION AT BREAK	D-882	%	MD	105
			TD	85
LINEAR SHRINKAGE (Max.) (AT 105 ⁰ C/30 Minute)	D-1204	%	MD	1.5
			TD	0.6
W.V.T.R.(38⁰C & 90%RH)	F-1249	gm/m²/day		≤ 0.3
		(gm/100in²/day)		≤ 0.019
O.T.R. (23⁰C & 0%RH)	D-3985	cc/m²/day		≤ 0.3
		(cc/100in²/day)		≤ 0.019

Ref no QAD UFLI S/17 - MF28 /1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

MI = Metal wound inside, MO = Metal wound out side

STORAGE & HANDLING

FLEXMETPROTECT™ need not to be stocked in a closed warehouse and should not be exposed to direct sunlight or light sources and from humidity. It is recommended to store below 35° C in dry place.FLEXMETPROTECT™ is suitable for use within 6 months from date of manufacturing, only if stored in recommended condition.

FOOD CONTACT

FLEXMETPROTECT™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customer 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 as on 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 Gives no warranty or accept 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.

**TDS issued on 06-10-2017.

Website: www.flexfilm.com