

**Product Description:**

FLEXMETPROTECT™ F-UVC-M grade of metallized polyester film having metal deposit layer on Corona treated side and other side modified surface for UV offset printing.

Key Features:

Good Optical properties
Excellent Machinability & handling properties

Applications:

Film is designed for UV off set sheet printing in box lamination application

FLEXMETPROTECT™ "F-UVC-M" grade of metallised polyester film is available in optical density ranging from 1.4 to 3.0. The wide range of optical densities give choice to the customer to use the product for diverse range of applications. The metallization is available on corona treated side (MT) . The metal bond between the metal & film is 130-180 gms/25mm .

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE	
			10	12
OPTICAL DENSITY (TOLERANCE : +/- 5%)		-	2.2	2.2
THICKNESS	Internal	Micron (Gauge)	10 40	12 48
FILM DENSITY	D-1505	gm/cc	1.4	1.4
GRAMMAGE	Internal	gm/m ²	14.0	16.8
YIELD	Internal	m ² /kg	71.42	59.52
		in ² /lb	50318	41934
COEFF OF KINETIC FRICTION	D-1894	-	0.7	0.7
METAL WOUND			#MI/MO	#MI/MO
TENSILE STRENGTH AT BREAK	D-882	Kg/cm ²	1900	1900
			2000	2000
		(Psi)	27000	27000
			28500	28500
ELONGATION AT BREAK	D-882	%	100	105
			80	85
LINEAR SHRINKAGE (Max.) (AT 105 ⁰ C/30 Minute)	D-1204	%	1.5	1.5
			0.6	0.6
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249	gm/m ² /day	1.0	1.0
		(gm/100in ² /day)	0.06	0.06
O.T.R. (23 ⁰ C & 0%RH)	D-3985	cc/m ² /day	1.1	1.1
		(cc/100in ² /day)	0.07	0.07

Ref no QAD UFLI S/16 - MF22/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

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

STORAGE & HANDLING

FLEXMETPROTECT™ need to be stored 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.

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Website: www.flexfilm.com