

CHEMICALLY COATED METALLIZED POLYESTER FILMS (F-LLP-M)

APPLICATION: LIQUID PACKAGING

FLEXMETPROTECT™ F-LLP-M grade of film is metallized polyester film having excellent barrier properties. Metallisation on specially modified surface provides improved metal encourage. The film is having high metal bond strength (>650 gm/25 mm) that gives higher laminate bond strength so as to prevent delamination after filling. Film is specially designed for liquid/paste packaging application.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES
			12
OPTICAL			
OPTICAL DENSITY*** (TOLERANCE : +/- 5%)	Gretag	-	2.3
GENERAL			
THICKNESS	Internal	Micron (Gauge)	12 48
FILM DENSITY	D-1505	gm/cc	1.4
GRAMMAGE	Internal	gm/m ²	16.8
YIELD	Internal	m ² /kg	59.52
COEFF OF STATIC FRICTION	(Max.) D-1894	-	0.8
MECHANICAL			
TENSILE STRENGTH AT BREAK (Min.)	MD*	D-882	1850
	TD*		2000
	MD*	(Psi)	27000
	TD*		28400
ELONGATION AT BREAK	MD	D-882	105
	TD		95
THERMAL			
LINEAR SHRINKAGE (Max.) (AT 105°C/30 Minute)	MD	D-1204	3.0
	TD		1.0
BARRIER PROPERTIES			
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	1.0
		(gm/100in ² /day)	0.06
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	1.0
		(cc/100in ² /day)	0.06
METAL BOND STRENGTH	Internal	gm/25mm	> 600

*** Customer to specify the value of OD required based on the application.

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*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

Information in this publication is believed to be accurate and is given in good faith but it is for the customer to satisfy of the suitability for its own particular purpose. Accordingly,UFlex gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law.UFlex reserves the right to change the technical data sheet at any time without prior information.



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