



Technical Data Sheet

(METALLIZED CPP FILM)

Product Description:

FLEX METPROTECT™ C-CPT-M is a metallized CPP film having metal deposit on treated side other side heat sealable

Key Features:

Excellent hot tack properties
 Good Barrier Properties
 Excellent twistability
 High Stiffness

Applications:

Packaging and Conversion
 Candy Packaging

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE				
			25	28	33	35	
OPTICAL DENSITY (TOLERANCE : +/- 5%)		-	2.2	2.2	2.2	2.2	
THICKNESS	Internal	Micron (Gauge)	25 100	28 112	33 132	35 140	
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91	
GRAMMAGE	Internal	gm/m ²	22.75	25.48	30.03	31.85	
YIELD	Internal	m ² /kg in ² /lb	43.96 30971	39.24 27646	33.30 23461	31.40 22122	
TREATMENT LEVEL	D-2578	dyne/cm	36	36	36	36	
COEFF OF KINETIC FRICTION	D-1894	-	0.7	0.7	0.7	0.7	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	550	550	550	550
	TD*			250	250	250	250
ELONGATION AT BREAK	MD*	D-882	(Psi)	7800	7800	7800	7800
	TD*			3500	3500	3500	3500
	MD	D-882	%	450	450	450	450
	TD			600	600	600	600
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249	gm/m ² /day (gm/100in ² /day)	<1.2 <0.078	<1.2 <0.078	<1.2 <0.078	<1.2 <0.078	
O.T.R. (23 ⁰ C & 0%RH)	D-3985	cc/m ² /day (cc/100in ² /day)	<150 <9.7	<150 <9.7	<150 <9.7	<150 <9.7	

Ref no QAD UFLI S/14 - MC 2/1

***MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION**

STORAGE & HANDLING

FLEXMETPROTECT™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXMETPROTECT™ is best suitable for use up to 3 months from date of dispatch.

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 11-02-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com