



Technical Data Sheet

(METALLIZED CPP FILM)

Product Description:

FLEX METPROTECT™ C-CNM-M is a metallized CPP film having metal deposit on corona treated side and functional sealing layer on other side with low SIT & Broad Hot Tack

Key Features:

Low SIT
Excellent Hermeticity
Broad hot tack
Good metal adhesion
Seal Through Contamination

Applications:

Snacks & Biscuits
Condiment Packaging
High Speed Packaging On FFS Machine
Specially Designed for Nitrogen Flushing Application

METALLIZED ON TREATED SIDE (MT) AND A FUNCTIONAL SEALING LAYER ON OPPOSITE SIDE WITH LOW SIT & BROAD HOT TACK(C-CNM-M)

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE				
			22	25	30	35	
OPTICAL DENSITY (TOLERANCE : +/- 5%)	Gretag	-	2.2	2.2	2.2	2.2	
THICKNESS	Internal	Micron	22	25	30	35	
		(Gauge)	88	100	120	140	
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91	
GRAMMAGE	Internal	gm/m ²	20.02	22.75	27.30	31.85	
YIELD	Internal	m ² /kg	49.95	43.96	36.63	31.40	
		in ² /lb	35191	30968	25807	22120	
TREATMENT LEVEL	D-2578	dyne/cm	36	36	36	36	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	750	800	825	850
	TD*			275	300	320	340
ELONGATION AT BREAK	MD	D-882	%	500	550	575	600
	TD			800	800	850	900
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	102	102	102	102	
HEAT SEAL STRENGTH	Internal	gm/25mm	2000	2400	2600	2800	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	<1.5	<1.4	<1.3	<1.2	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	<150	<140	<130	<120	

Ref no QAD UFLI S/17 - MC 5/1

*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

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Website: www.flexfilm.com