

**Technical Data Sheet****(METALLIZED CPP FILM)****Product Description:**

FLEX METPROTECT™ C-CXB-PZ-M is a High Barrier metallized CPP film having metal deposit on corona treated side and other side sealable.

Key Features:

Low SIT
Excellent Barrier properties
Broad hot tack window
Good metal adhesion

Applications:

Snacks & Biscuits
High speed packaging on FFS machine

METALLIZED ON TREATED SIDE (MT) AND OPPOSITE SIDE LOW HEAT SEAL WITH EXCELLENT BARRIER PROPERTIES (C-CXB-PZ-M)

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE			
			22	25	30	
OPTICAL DENSITY (TOLERANCE : +/- 5%)	Gretag	-	2.5	2.5	2.5	
THICKNESS	Internal	Micron	22	25	30	
		(Gauge)	88	100	120	
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	
GRAMMAGE	Internal	gm/m ²	20.02	22.75	27.30	
YIELD	Internal	m ² /kg	49.95	43.96	36.63	
		in ² /lb	35192	30971	25807	
TREATMENT LEVEL	D-2578	dyne/cm	36	36	36	
COEFF OF KINETIC FRICTION	D-1894	-	0.7	0.7	0.7	
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	750	800	850
	TD*			270	270	270
ELONGATION AT BREAK	MD	D-882	%	450	450	450
	TD			700	700	700
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	107	107	107	
HEAT SEAL STRENGTH	Internal	gm/25mm	1900	2200	2500	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	≤ 0.35	≤ 0.35	≤ 0.35	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	≤ 65	≤ 60	≤ 60	

Ref no QAD UFLI S/17 - MC 6/1

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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