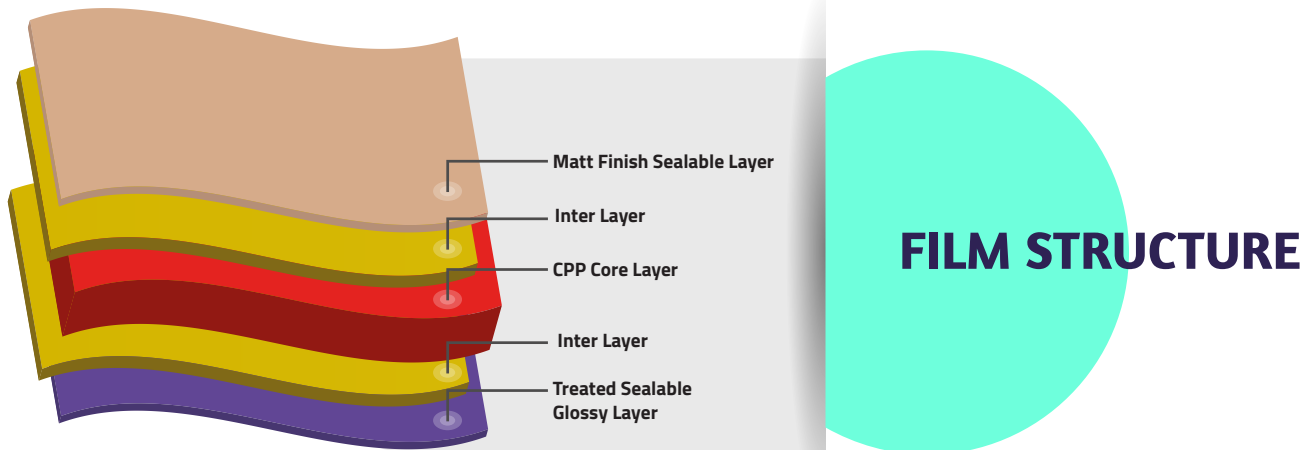


## C-MNC MATT CPP Film

C-MNC is a Matt finish CPP film with enriched aesthetic appearance which can be one or both side treated.



## THE BIG DIFFERENTIATORS



**Good Antistatic & Slip**  
 Good machinability.



**Excellent Matt Dispersion**  
 Imparting subtle richness to branding.



**Good Printability**  
 Excellent half-tone dot transfer.



**Good Contact Clarity**  
 Low gloss level derives elegant print graphics.



**Good UV Spot Coating**  
 Imparting superb spot gloss to branding.

### KEY FEATURES:

- Enriched aesthetics with paper like feel
- Good Contact Clarity
- Good print Graphics
- High haze
- Good Antistatic & Slip

### APPLICATIONS:

- High Speed Packaging Machine
- Tissue Case & Stand Pouch

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
THICKNESS ± 5 %		Internal	Micron	25	30	38
			(Gauge)	100	120	172
FILM DENSITY		D-1505	gm/cc	0.87		
GRAMMAGE		Internal	gm/m <sup>2</sup>	21.7	26.1	33
YIELD		Internal	m <sup>2</sup> /kg	46.1	38.3	30.3
			in <sup>2</sup> /lb	32408	26925	31301
TREATMENT LEVEL		D-2578	dyne/cm	38		
COEFF OF FRICTION	DYNAMIC	Internal	-	0.35±0.05		
TRANSMITTANCE		D-1003	%	80	80	80
GLOSS (at 45°)	Matty Side	D-2457	Unit	10	10	10
	Glossy Side			45	45	45
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm <sup>2</sup>	750		
	TD*			325		
	MD*		(KPsi)	9.9		
	TD*			4.6		
ELONGATION AT BREAK	MD*	D-882	%	500		
	TD*			600		
HEAT SEAL INITIATION TEMPERATURE		Internal	° C	125		
HEAT SEAL STRENGTH	(Min.)	Internal	gm/25mm	1700	2000	2100
WATER VAPOUR TRANSMISSION RATE (380C & 90%RH)		F-1249	gm/m <sup>2</sup> /day	12	11	10
			(gm/100in <sup>2</sup> /day)	0.8	0.7	0.6
OXYGEN TRANSMISSION RATE (230C & 0%RH)		D-3985	cc/m <sup>2</sup> /day	3850	3750	3650
			(cc/100in <sup>2</sup> /day)	248	242	235

Ref no QAD UFLI S/20 - C13/1

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

## STORAGE & HANDLING

FLEXCPP™ 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. FLEXCPP™ is best suitable for use within 3 months from date of dispatch.

## FOOD CONTACT

FLEXCPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

## DISCLAIMER

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data 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 provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

\*\*TDS issued on 01-04-2020.All previous version of this grade are invalid.

**FlexFilms**

Manufacturing Facilities at  
 India | UAE | Poland | Egypt | Mexico |  
 USA | Hungary | Russia | Nigeria  
 enquiry@flexfilm.com  
 www.flexfilm.com