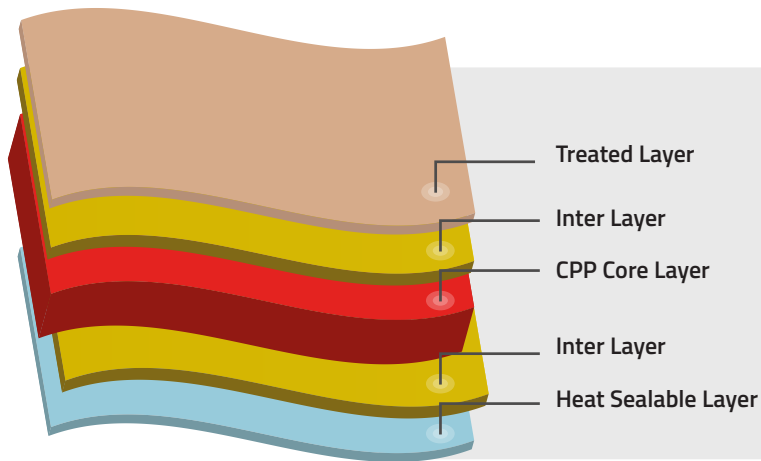


# C-CPR

## Retort Grade CPP Film

C-CPR is a Co-Extruded transparent CPP Film one side treated for aseptic/retort packaging.



### FILM STRUCTURE

## THE BIG DIFFERENTIATORS



#### Excellent Sterilization

Good heat stabilized at >135°C for 30min.



#### Good Film Flatness

Uniform thickness.



#### Good Appearance

No gel & fish eye.



#### Good Bond

Stronger lamination bond.



#### Sustainable High Seal

Good seal strength after retort condition.

### KEY FEATURES:

- Excellent sterilization performance
- Excellent lamination adhesive anchorage
- High Seal strength

### APPLICATIONS:

- Sterilization & Pasteurization
- Hot filling
- Ready to eat food

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES			
THICKNESS ± 5 %		Internal	Micron	50	60	70	75
			(Gauge)	200	240	280	300
FILM DENSITY		D-1505	gm/cc	0.90			
GRAMMAGE		Internal	gm/m <sup>2</sup>	45	54	63	67.5
YIELD		Internal	m <sup>2</sup> /kg	22.2	18.5	15.9	14.8
			in <sup>2</sup> /lb	15606	13005	11177	10404
TREATMENT LEVEL		D-2578	dyne/cm	38			
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.50±0.05			
HAZE		D-1003	%	6	6.5	9	11
TENSILE STRENGTH AT BREAK		D-882	kg/cm <sup>2</sup>	500			
				300			
			(KPsi)	7.1			
				4.3			
ELONGATION AT BREAK		D-882	%	900			
				1000			
HEAT SEAL INITIATION TEMPERATURE		Internal	°C	150			
HEAT SEAL STRENGTH	(Min.)	Internal	gm/25mm	3500	3700	4000	4000

Ref no QAD UFLI S/17 - C6/3

\*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**

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