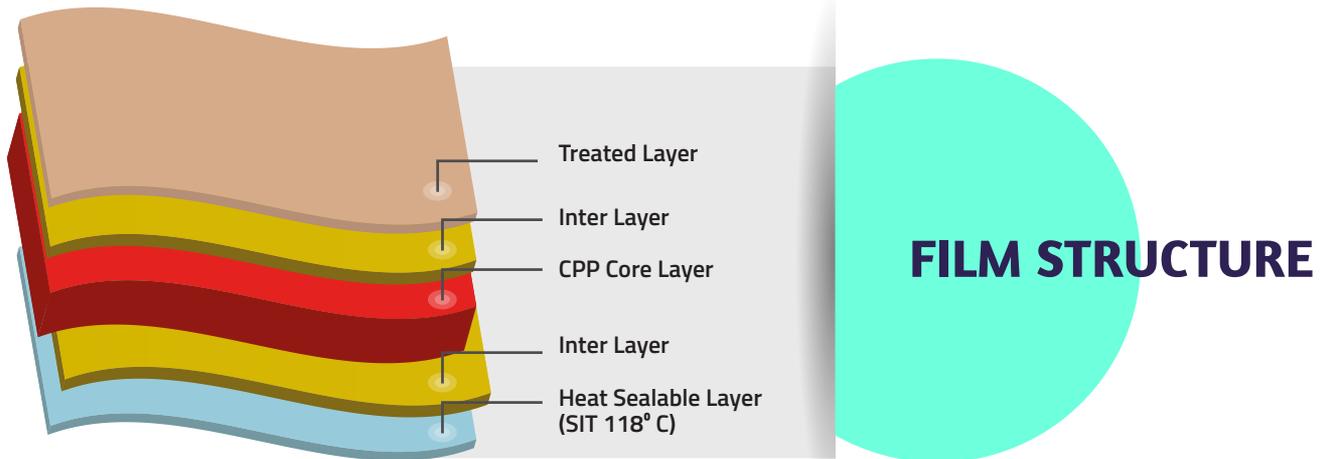


C-CPL

Standard One Side Treated Sealable CPP Film

C-CPL is a Co-Extruded Transparent film with one side corona treated and other side sealable.



THE BIG DIFFERENTIATORS



Good Seal Functionality

Improved hot tack & seal integrity.



Optimal COF

Superior runnability at high speed both during the lamination process as well as on FFS m/c.



Good Machinability

Excellent runnability.



Good Bond

Good adhesive & extrusion lamination bond.



Good Film Flatness

Uniform thickness.

KEY FEATURES:

- Good Optics
- Consistent slip
- Good Machinability
- Good hot tack
- Good seal integrity

APPLICATIONS:

- Lamination application
- Pasta Packaging

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES											
THICKNESS ± 5 %	Internal	Micron		15	18	20	25	30	35	38	40	45	50	60	80
		(Gauge)		60	72	80	100	120	140	152	160	180	200	240	320
FILM DENSITY	D-1505	gm/cc		0.91											
GRAMMAGE	Internal	gm/m ²		13.6	16.4	18.2	22.7	27.3	31.8	34.6	36.4	41	45.5	54.6	72.8
YIELD	Internal	m ² /kg		73.5	61.1	54.9	44.0	36.6	31.4	28.9	27.5	24.4	22.0	18.3	13.7
		in ² /lb		51670	42953	38594	30932	25730	22074	20316	19332	17153	15466	12865	9631
TREATMENT LEVEL	D-2578	dyne/cm		38											
COEFF OF FRICTION (UTR/UTR)	DYNAMIC	D-1894	-	0.28±0.05											
HAZE	D-1003	%		3.0	3.0	3.0	3.3	3.5	4.0	4.0	4.5	5.0	5.5	6.0	7.5
GLOSS (at 45°)	D-2457	Unit		80	80	80	80	80	75	75	75	70	70	70	70
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm ²	500											
	TD*			210											
	MD*		(KPsi)	7.1											
	TD*			3.0											
ELONGATION AT BREAK	MD*	D-882	%	450											
	TD*			600											
HEAT SEAL INITIATION TEMPERATURE	Internal	° C		118											
HEAT SEAL STRENGTH	(Min.)	Internal	gm/25mm	1400	1500	1500	1800	2000	2000	2000	2000	2200	2200	2300	2500
WATER VAPOUR TRANSMISSION RATE (38° C & 90% RH)		F-1249	gm/m ² /day	15	14	13	12	10	9	9	9	9	8	8	7
			(gm/100 in ² /day)	1	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.4
OXYGEN TRANSMISSION RATE (23° C & 0% RH)		D-3985	cc/m ² /day	3850	3750	3700	3650	3600	3550	3550	3550	3550	3500	3500	3000
			(cc/100 in ² /day)	248	242	238	235	232	229	229	229	229	225	225	193

*Ref no QAD UFLI S/15 - C1/2

*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 05-09-2022.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