

Product Description:

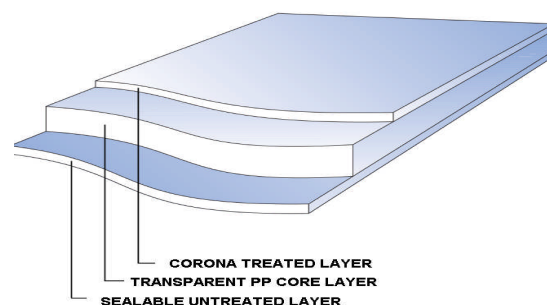
C-CPL is a Co-Extruded Transparent film with one side corona treated and other side sealable.

Application:

- Lamination application
- Pasta Packaging

Key Features:

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

Film Structure


Note :- It is recommended to use CDF grade for the application where cold & tear resistance is required.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES								
			18	20	25	30	38	40	50	80	
THICKNESS	± 5 %	Internal	Micron (Gauge)	18	20	25	30	38	40	50	80
				72	80	100	120	152	160	200	320
FILM DENSITY	D-1505		gm/cc	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
GRAMMAGE	Internal		gm/m ²	16.38	18.20	22.75	27.30	34.58	36.40	45.5	72.8
YIELD	Internal		m ² /kg	61.05	54.95	43.96	36.63	28.91	27.47	21.98	13.73
			in ² /lb	43012	38714	30971	25807	20368	19354	15486	9673
TREATMENT LEVEL	D-2578		dyne/cm	38	38	38	38	38	38	38	38
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
HAZE	D-1003		%	3.5	3.8	4.0	4.2	4.5	5.0	5.5	7.0
GLOSS	D-2457		Unit	80	80	80	75	70	70	70	70
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	500	500	500	500	500	500	500	500
	TD*			210	210	210	200	200	200	200	190
ELONGATION AT BREAK	MD*	D-882	(Psi)	7100	7100	7100	7100	7100	7100	7100	7100
	TD*			3000	3000	3000	2800	2800	2800	2800	2700
ELONGATION AT BREAK	MD	D-882	%	450	450	450	450	450	450	450	450
	TD			600	600	600	600	600	600	600	600
HEAT SEAL INITIATION TEMPERATURE	INTERNAL		°C	115	115	115	115	115	115	115	115
HEAT SEAL STRENGTH (AT 130° C)			gm/25mm	1500	1500	1800	2000	2000	2000	2200	2500
W.V.T.R.(38 ⁰ C & 90%RH)	F-1249		gm/m ² /day	14	13	12	10	9	9	8	7
			(gm/100in ² /day)	0.9	0.8	0.7	0.6	0.6	0.6	0.5	0.4
O.T.R. (23 ⁰ C & 0%RH)	D-3985		cc/m ² /day	3750	3700	3650	3600	3550	3550	3500	3000
			(cc/100in ² /day)	242	238	235	232	229	229	225	193

Ref no QAD UFLI S/15 - C1/1

*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 up to 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 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.

****TDS issued on 07-07-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com