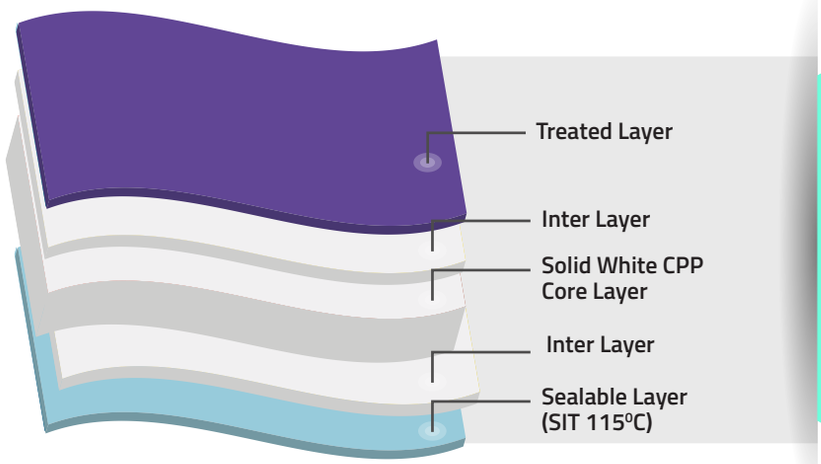
C-CWL
Solid White CPP Film

C-CWL is a Co-Extruded white opaque film with one side corona treated and other side sealable.



FILM STRUCTURE

THE BIG DIFFERENTIATORS

High Opacity & Whiteness Index
Whiteness eliminates the need of white ink.

Enhanced Resistance To UV Light
White film protects products from discoloration with its high refractive index.

Good Antistatic & Slip
High performance on HFFS &VFFS m/c with minimal wastage.

High Gloss
High quality images.

Good Seal Functionality
Improved hot tack & seal integrity.

KEY FEATURES:

- Excellent Gloss & Improved Opacity
- Consistent slip
- Good Machinability
- Excellent Sealing integrity
- Whiteness eliminates the need for white ink
- Excellent hot tack

APPLICATIONS:

- Lamination & Conversion
- Confectionary Packaging
- Over wrap
- Surface Printing

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES						
THICKNESS ± 5%		Internal	Micron	18	20	22	25	30	35	40
			(Gauge)	72	80	88	100	120	140	160
FILM DENSITY		D-1505	gm/cc	0.95						
GRAMMAGE		Internal	gm/m^2	17.1	19	20.9	23.8	28.5	33.2	38
YIELD		Internal	m^2/kg	58.5	52.6	47.8	42	35.1	30.1	26.3
			in^2/lb	41125	36978	33603	29526	24676	21160	18489
TREATMENT LEVEL		D-2578	dyne/cm	38						
COEFF OF FRICTION (UTR/UTR)	DYNAMIC	D-1894	-	0.30 ± 0.05						
TRANSMITTANCE		D-1003	%	42	42	42	40	38	38	35
GLOSS (at 45°)		D-2457	Unit	50	50	50	50	50	50	50
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm^2	460						
	TD*			200						
	MD*		(KPsi)	6.5						
	TD*			2.8						
ELONGATION AT BREAK	MD*	D-882	%	400						
	TD*			600						
HEAT SEAL INITIATION TEMPERATURE		Internal	° C	115						
HEAT SEAL STRENGTH	(Min.)	Internal	gm/25mm	1500	1500	1800	1800	2000	2000	2000
WATER VAPOUR TRANSMISSION RATE (38°C & 90% RH)		F-1249	$gm/m^2/day$	13	13	12	12	10	10	9
			(gm/100 in^2/day)	0.8	0.8	0.7	0.7	0.6	0.6	0.6
OXYGEN TRANSMISSION RATE (23°C & 0% RH)		D-3985	$cc/m^2/day$	3750	3700	3650	3650	3600	3600	3550
			(cc/100 in^2/day)	242	239	235	235	232	232	229

Ref no QAD UFLI S/14 - C2/2
*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

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

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