

Product Description:

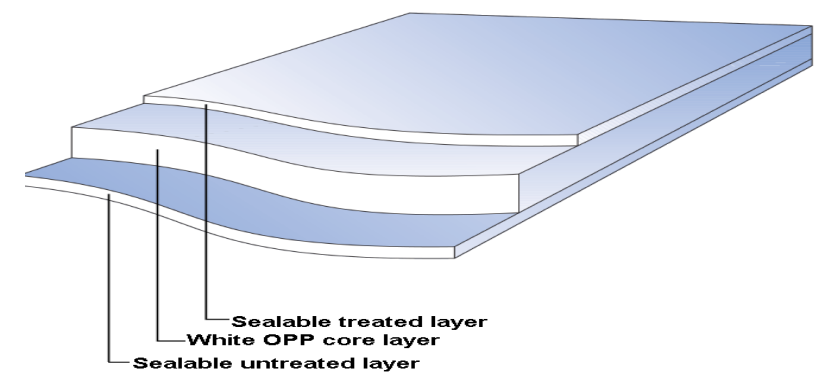
B-WHL is a white opaque film
Both side sealable, one side treated with broad seal range.

Application:

- Printing & lamination
- Confectionery packaging

Key Features:

- Excellent opacity & gloss
- Good stiffness
- Consistent slip
- Low seal temperature

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES							
			15	18	20	25	30	35	40	
THICKNESS	Internal	Micron	15	18	20	25	30	35	40	
		(Gauge)	60	72	80	100	120	140	160	
FILM DENSITY	D-1505	gm/cc	0.95	0.95	0.95	0.95	0.95	0.95	0.95	
GRAMMAGE	Internal	gm/m ²	14.25	17.10	19.0	23.75	28.50	33.25	38.0	
YIELD	Internal	m ² /kg	70.17	58.48	52.63	42.10	35.09	30.08	26.31	
		in ² /lb	49437	41201	37080	29661	24722	21192	18536	
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38	38	38	
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.35	0.35	0.35	0.35	0.35	0.35	
TRANSMITTANCE	D-1003	%	45	42	42	40	38	36	34	
GLOSS	D-2457	Unit	55	55	55	50	50	50	50	
TENSILE STRENGTH AT BREAK	D-882	MD*	Kg/cm ²	1100	1100	1100	1100	1100	1100	1100
		TD*	Kg/cm ²	2100	2100	2100	2100	2100	2100	2100
		MD*	(KPsi)	15.6	15.6	15.6	15.6	15.6	15.6	15.6
		TD*	(KPsi)	29.9	29.9	29.9	29.9	29.9	29.9	29.9
ELONGATION AT BREAK	D-882	MD	%	160	160	160	160	160	160	160
		TD	%	60	60	60	60	60	60	60
MODULUS OF ELASTICITY	D-882	MD	Kg/cm ²	15000	15000	15000	15000	15000	15000	15000
		TD	Kg/cm ²	25000	25000	25000	25000	25000	25000	25000
		MD	(KPsi)	213	213	213	213	213	213	213
		TD	(KPsi)	355	355	355	355	355	355	355
LINEAR SHRINKAGE (5 Minute at 130°C)	D-1204	MD	%	<5.0						
		TD	%	<3.0						
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	105	105	105	105	105	105	105	
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	325	350	350	400	400	425	425	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	5.0	4.8	4.6	4.4	4.2	4.0	4.0	
		(gm/100in ² /day)	0.32	0.31	0.3	0.28	0.27	0.26	0.26	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	1850	1800	1800	1700	1600	1500	1450	
		(cc/100in ² /day)	119	116	116	109	103	97	94	

Ref no QAD UFLI S/14 - B32/2

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ 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. FLEXOPP™ is best suitable for use up to 3 months from date of dispatch.

FOOD CONTACT

FLEXOPP™ 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 11-02-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com