

Product Description:

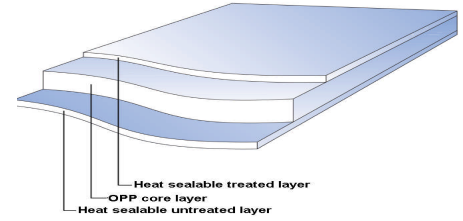
B-THS is a transparent film
Both side sealable and one side treated

Application:

- Conversion
- Confectionery packing
- Biscuit over wrap

Key Features:

- Good Antistatic & Slip properties
- Good optics
- High seal integrity

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES									
			15	18	20	22	25	30	35	40	48	50
THICKNESS	Internal	Micron	15	18	20	22	25	30	35	40	48	50
		(Gauge)	60	72	80	88	100	120	140	160	192	200
FILM DENSITY	D-1505	gm/cc	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
GRAMMAGE	Internal	gm/m ²	13.50	16.20	18.00	19.80	22.50	27.00	31.50	36.00	43.20	45.00
YIELD	Internal	m ² /kg	74.07	61.73	55.56	50.51	44.44	37.04	31.75	27.78	23.15	22.22
		in ² /lb	52185	43491	39144	35586	31309	26096	22369	19572	16310	15654
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38	38	38	38	38	38
COEFF OF FRICTION	DYNAMIC D-1894	-	0.35	0.35	0.35	0.35	0.30	0.30	0.30	0.30	0.30	0.30
HAZE	D-1003	%	2.0	2.2	2.3	2.3	2.5	2.5	2.6	2.8	2.9	2.9
GLOSS	D-2457	Unit	85	85	85	85	85	80	80	80	80	80
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	1200	1200	1200	1200	1200	1200	1200	1200	1200
	TD*			2500	2500	2500	2500	2500	2500	2500	2500	2500
	MD*	D-882	(KPsi)	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
	TD*			35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
ELONGATION AT BREAK	MD	D-882	%	180	180	180	180	180	180	180	180	180
	TD			60	60	60	60	60	60	60	60	60
MODULUS OF ELASTICITY	MD	D-882	Kg/cm ²	18000	18000	18000	18000	18000	18000	18000	18000	18000
	TD			30000	30000	30000	30000	30000	30000	30000	30000	30000
	MD	D-882	(KPsi)	255.6	255.6	255.6	255.6	255.6	255.6	255.6	255.6	255.6
	TD			426.0	426.0	426.0	426.0	426.0	426.0	426.0	426.0	426.0
LINEAR SHRINKAGE (5 Minute at 130°C)	MD	D-1204	%	<5.0								
	TD			<3.0								
HEAT SEAL INITIATION TEMPERATURE	Internal		°C	115	115	115	115	115	115	115	115	115
HEAT SEAL STRENGTH (Min.)	Internal		gm/25mm	250	250	275	275	300	300	350	350	375
W.V.T.R.(38°C & 90%RH)	F-1249		gm/m ² /day	7.0	6.8	6.5	6.3	6.0	5.7	5.5	5.0	4.5
			(gm/100in ² /day)	0.45	0.44	0.42	0.40	0.39	0.37	0.35	0.32	0.29
O.T.R. (23°C & 0%RH)	D-3985		cc/m ² /day	1900	1800	1800	1700	1700	1600	1500	1300	1200
			(cc/100in ² /day)	122	116	116	109	109	103	97	84	77

Ref no QAD UFLI S/10 - B4/2

*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