



Product Description:

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

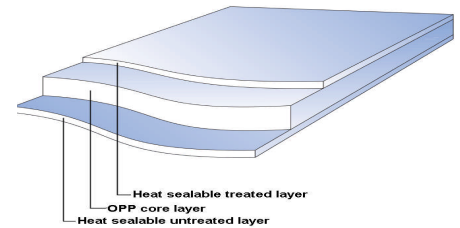
Applications:

- Flexible Packaging
- Confectionery packing
- High speed FFS machine
- Biscuit over-wrap

Key Features:

- Good Antistatic & slip properties
- Good Hot Tack
- High seal integrity
- Low and wide seal range
- Good Hot Slip
- Excellent optics

Film Structure



PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES										
			15	18	20	23	25	30	35	40	48	50	
THICKNESS	Internal	Micron	15	18	20	23	25	30	35	40	48	50	
		(Gauge)	60	72	80	92	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	13.5	16.20	18.00	20.70	22.50	27.00	31.50	36.00	43.20	45.00	
YIELD	Internal	m ² /kg	74.07	61.73	55.56	48.31	44.44	37.04	31.75	27.78	23.15	22.22	
		in ² /lb	52185	43491	39144	34036	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	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
HAZE	D-1003	%	2.2	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	D-882	Kg/cm ² (KPsi)	MD*	1200	1200	1200	1200	1200	1200	1200	1200	1200	
			TD*	2500	2500	2500	2500	2500	2500	2500	2500	2500	
			MD*	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
ELONGATION AT BREAK	D-882	%	MD	180	180	180	180	180	180	180	180	180	
			TD	60	60	60	60	60	60	60	60	60	
			MD	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000
MODULUS OF ELASTICITY	D-882	Kg/cm ² (KPsi)	TD	30000	30000	30000	30000	30000	30000	30000	30000	30000	
			MD	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	426.0
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	105	105	105	
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	350	375	400	400	450	450	450	450	450	450	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	7	6.8	6.5	6.3	6.0	5.7	5.5	5.0	4.5	4.5	
		(gm/100in ² /day)	0.46	0.44	0.42	0.4	0.39	0.37	0.35	0.32	0.29	0.29	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2000	1800	1800	1800	1700	1600	1500	1300	1200	1200	
		(cc/100in ² /day)	130	116	116	116	109	103	97	84	77	77	

Ref no QAD UFLI S/14 - B5/2

*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 within 3 months from date of manufacturing.

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 14-01-2016. All previous version of this grade are invalid.

Website: www.flexfilm.com