

Product Description:

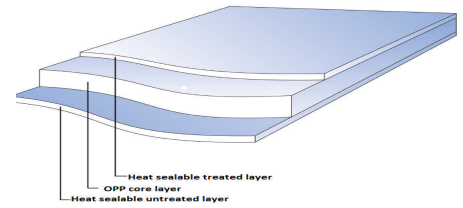
B-TLS is a transparent film having
One side treated and otherside low SIT

Application:

- Biscuits/Cookie/Crackers
- Confectionery packing
- Crisps & Snacks
- For High speed FFS machine

Key Features:

- Excellent Hot Tack
- Consistent slip
- High seal integrity
- Low and wide seal range
- Good Optics

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
			15	18	20
THICKNESS	Internal	Micron	15	18	20
		(Gauge)	60	72	80
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91
GRAMMAGE	Internal	gm/m ²	13.65	16.38	18.2
YIELD	Internal	m ² /kg	73.26	61.05	54.95
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38
COEFF OF FRICTION	DYNAMIC	D-1894	0.28	0.28	0.28
HAZE	D-1003	%	1.8	2	2.2
GLOSS	D-2457	Unit	87	85	82
TENSILE STRENGTH AT BREAK	MD* TD* D-882	Kg/cm ²	1200	1200	1200
			2500	2500	2500
			17.0	17.0	17.0
ELONGATION AT BREAK	MD* TD* D-882	(KPsi)	35.5	35.5	35.5
			180	180	180
			60	60	60
MODULUS OF ELASTICITY	MD TD D-882	Kg/cm ²	18000	18000	18000
			30000	30000	30000
			255.6	255.6	255.6
LINEAR SHRINKAGE	MD TD D-1204	%		<5.0	
				<3.0	
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	85	85	85
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	375	400	425
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	6.8	6.2	6
		(gm/100in ² /day)	0.44	0.4	0.39
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2100	1900	1700
		(cc/100in ² /day)	135	123	110

Ref no QAD UFLI S/17 - B49/1

*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 16-02-2017.

Website: www.flexfilm.com