

**Product Description:**

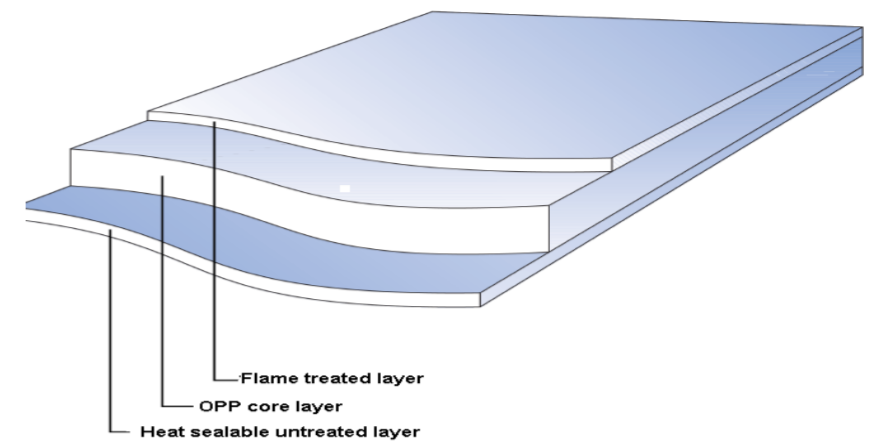
B-TFL is a transparent film with one side flame treated and other side sealable.

**Application:**

- Flexible Packaging
- Confectionery packing
- High speed FFS machine

**Key Features:**

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

**Film Structure**


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
			15	18	20
THICKNESS	Internal	Micron (Gauge)	15 60	18 72	20 80
FILM DENSITY	D-1505	gm/cc	0.90	0.90	0.90
GRAMMAGE	Internal	gm/m <sup>2</sup>	13.50	16.20	18.00
YIELD	Internal	m <sup>2</sup> /kg in <sup>2</sup> /lb	74.07 52185	61.73 43491	55.56 39144
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38
COEFF OF FRICTION	D-1894	-	0.30	0.30	0.30
HAZE	D-1003	%	2.0	2.2	2.3
GLOSS	D-2457	Unit	85	85	85
TENSILE STRENGTH AT BREAK	D-882	MD*	1200	1200	1200
		TD*	2700	2700	2700
		MD*	17.0	17.0	17.0
		TD*	38.4	38.4	38.4
ELONGATION AT BREAK	D-882	MD	210	210	210
		TD	60	60	60
		MD	18000	18000	18000
		TD	30000	30000	30000
MODULUS OF ELASTICITY	D-882	MD	255.6	255.6	255.6
		TD	426.0	426.0	426.0
		MD	255.6	255.6	255.6
		TD	426.0	426.0	426.0
LINEAR SHRINKAGE (5 Minute at 130°C)	D-1204	MD		≤6.0	
		TD		≤5.0	
HEAT SEAL INITIATION TEMPERATURE (UTR/UTR)	Internal	°C	105	105	105
HEAT SEAL STRENGTH (Min.) (UTR/UTR)	Internal	gm/25mm	350	400	400
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day	7.0	6.8	6.5
		(gm/100in <sup>2</sup> /day)	0.45	0.44	0.42
O.T.R. (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day	1900	1800	1800
		(cc/100in <sup>2</sup> /day)	122	116	116

Ref no QAD UFLI S/14 - B41/1

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

Website: [www.flexfilm.com](http://www.flexfilm.com)