

**Product Description:**

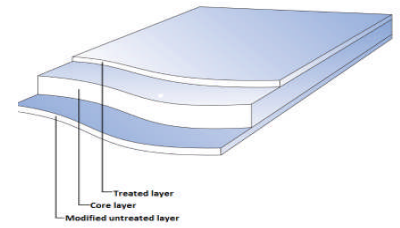
B-THR is a modified transparent BOPP film having one side engineered to have high Heat resistance and other side Glossy

**Application:**

- Stand Up Pouches
- 3 D Pouches

**Key Features:**

- High Heat resistance(SIT>145°C)
- Good Seal Finishing In Stand up Pouch & 3D Bags
- Inside/Bottom Gazette Film Will Not Seal to Itself
- Good Printability

**Film Structure**


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
			18	20
THICKNESS	Internal	Micron	18	20
		(Gauge)	72	80
FILM DENSITY	D-1505	gm/cc	0.91	0.91
GRAMMAGE	Internal	gm/m <sup>2</sup>	16.38	18.20
YIELD	Internal	m <sup>2</sup> /kg	61.05	54.95
TREATMENT LEVEL	D-2578	dyne/cm	38	38
COEFF OF FRICTION	DYNAMIC D-1894	-	0.30	0.30
HAZE	(Min.) D-1003	%	1.6	1.6
GLOSS	Glossy side D-2457	Unit	105	105
TENSILE STRENGTH AT BREAK	D-882	MD*	1250	1250
		TD*	2500	2500
		MD*	17.75	17.75
		TD*	35.50	35.50
ELONGATION AT BREAK	D-882	MD	180	180
		TD	60	60
MODULUS OF ELASTICITY	D-882	MD	18000	18000
		TD	30000	30000
		MD	225.6	225.6
		TD	426.0	426.0
LINEAR SHRINKAGE (5 Minute at 130°C)	D-1204	MD	<5.0	<5.0
		TD	<3.0	<3.0
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	>145°C	>145°C
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day	6.8	6.5
		(gm/100in <sup>2</sup> /day)	0.43	0.42
O.T.R. (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day	1800	1800
		(cc/100in <sup>2</sup> /day)	116	116

Ref no QAD UFLI S/17 - B48/1

\*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](http://www.flexfilm.com)