

**Product Description:**

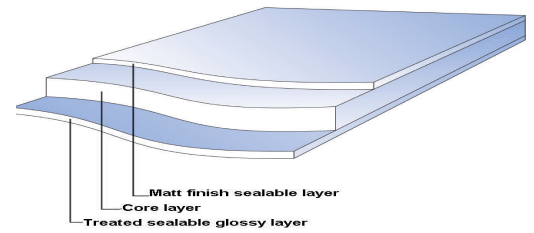
B-MLS is a Matt finish film, Low SIT On Matt Side  
Other Side Treated & Heat Sealable

**Application:**

-High Speed Packaging Machine

**Key Features:**

- Excellent Matt Dispersion
- Good Contact Clarity
- Low SIT ,Broad Sealing Range
- Good Seal Integrity

**Film Structure**


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
				18
THICKNESS	Internal	Micron (Gauge)	18 72	
FILM DENSITY	D-1505	gm/cc	0.865	
GRAMMAGE	Internal	gm/m <sup>2</sup>	15.57	
YIELD	Internal	m <sup>2</sup> /kg	64.23	
TREATMENT LEVEL	D-2578	dyne/cm	38	
COEFF OF FRICTION	DYNAMIC D-1894	-	0.30	
HAZE	(Min.) D-1003	%	70	
GLOSS at 45°	Matty side		10	
	Glossy side D-2457	Unit	90	
TENSILE STRENGTH AT BREAK	MD*	Kg/cm <sup>2</sup>	1100	
	TD*		2500	
	MD*	(KPsi)	15.6	
	TD*		35.6	
ELONGATION AT BREAK	MD	%	220	
	TD		70	
LINEAR SHRINKAGE (5 Minute at 130°C)	MD	%	<5.0	
	TD		<3.0	
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	106	
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	450	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day	7.8	
		(gm/100in <sup>2</sup> /day)	0.5	
O.T.R. (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day	1900	
		(cc/100in <sup>2</sup> /day)	122	

Ref no QAD UFLI S/17 - B45/1

\*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)