

Product Description:

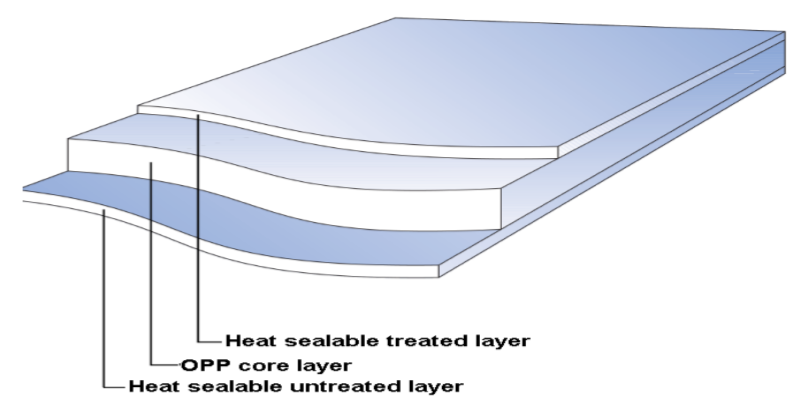
B-TVL is a transparent film
Both side sealable and one side treated

Application:

- Vacuum metallization
- Conversion application
- Lamination

Key Features:

- Good Hot tack
- Good anchorage to metal
- Good seal integrity
- Low SIT & wide seal range

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES				
			15	18	20	25	30
THICKNESS	Internal	Micron	15	18	20	25	30
		(Gauge)	60	72	80	100	120
FILM DENSITY	D-1505	gm/cc	0.90	0.90	0.90	0.90	0.90
GRAMMAGE	Internal	gm/m ²	13.50	16.20	18.00	22.50	27.00
YIELD	Internal	m ² /kg	74.07	61.73	55.56	44.44	37.04
		in ² /lb	52185	43491	39144	31309	26096
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38
HAZE	D-1003	%	2.6	2.8	2.8	3.0	3.0
GLOSS	D-2457	Unit	85	85	85	80	80
TENSILE STRENGTH AT BREAK	D-882	MD*	1200	1200	1200	1200	1200
		TD*	2500	2500	2500	2500	2500
		MD*	17.0	17.0	17.0	17.0	17.0
		TD*	35.5	35.5	35.5	35.5	35.5
ELONGATION AT BREAK	D-882	MD	160	160	160	160	160
		TD	60	60	60	60	60
MODULUS OF ELASTICITY	D-882	MD	18000	18000	18000	18000	18000
		TD	30000	30000	30000	30000	30000
		MD	255.6	255.6	255.6	255.6	255.6
		TD	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
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	225	275	275	300	325
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	7.0	6.8	6.5	6.0	5.7
		(gm/100in ² /day)	0.45	0.44	0.42	0.39	0.37
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2000	1800	1800	1700	1600
		(cc/100in ² /day)	129	116	116	109	103

Ref no QAD UFLI S/14 - B8/2

*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 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