



Product Description:

B-TDM is a transparent film
One side treated non sealable

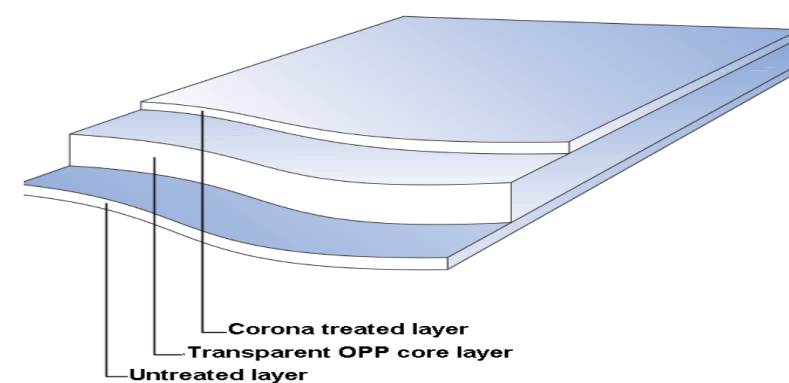
Key Features:

-Excellent gloss & clarity
-Good barrier

Application:

-Vacuum metallization
-Decorative application

Film Structure



PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES									
			8	9	10	15	18	20	22	23	24	
THICKNESS	Internal	Micron (Gauge)	8	9	10	15	18	20	22	23	24	
FILM DENSITY	D-1505	gm/cc	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	
GRAMMAGE	Internal	gm/m ²	7.2	8.10	9.00	13.50	16.20	18.00	19.80	20.70	21.60	
YIELD	Internal	m ² /kg	138.89	123.46	111.11	74.07	61.73	55.56	50.51	48.31	46.30	
		in ² /lb	97854	86982	78281	52185	43491	39144	35586	34036	32620	
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38	38	38	38	38	
COEFF OF FRICTION	DYNAMIC D-1894	-	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
HAZE	D-1003	%	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.8	
GLOSS	D-2457	Unit	108	108	108	100	100	95	100	100	100	
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²	1250	1250	1250	1250	1250	1250	1250	1250	1250	
	TD*		2500	2500	2500	2500	2500	2500	2500	2500	2500	
	MD*	(KPsi)	17.75	17.75	17.75	17.8	17.8	17.8	17.8	17.8	17.8	
	TD*		35.50	35.50	35.50	35.5	35.5	35.5	35.5	35.5	35.5	
ELONGATION AT BREAK	MD	%	150	150	150	160	160	160	160	160	160	
	TD		50	50	50	60	60	60	60	60	60	
MODULUS OF ELASTICITY	MD	Kg/cm ²	18000	18000	18000	18000	18000	18000	18000	18000	18000	
	TD		30000	30000	30000	30000	30000	30000	30000	30000	30000	
	MD	(KPsi)	255.6	255.6	255.6	255.6	255.6	255.6	255.6	255.6	255.6	
	TD		426.0	426.0	426.0	426.0	426.0	426.0	426.0	426.0	426.0	
LINEAR SHRINKAGE (5 Minute at 130°C)	MD	%	<5.0									
	TD		<3.0									
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	7.8	7.5	7.5	7.0	6.8	6.4	6.4	6.3	6.2	
		(gm/100in ² /day)	0.51	0.5	0.5	0.45	0.44	0.42	0.42	0.41	0.40	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2500	2400	2400	2000	1800	1800	1800	1700	1700	
		(cc/100in ² /day)	163	155	155	129	116	116	116	109	109	

Ref no QAD UFLI S/14 - B18/2

*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