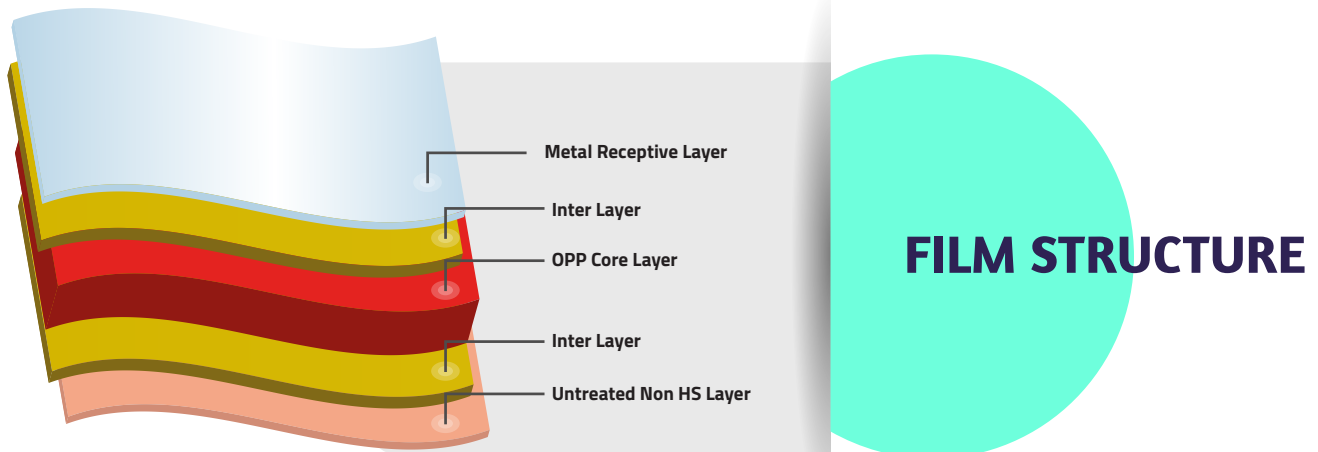


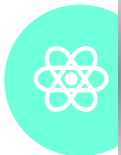
B-TDM

Decorative Grade Non Heat Sealable Metallizable BOPP Film

B-TDM is a coextruded metallizable base film with one side treatment and other side non heat sealable.



THE BIG DIFFERENTIATORS



Good Metal Receptive Layer
Good metal bond post metallization.



Optimized Treatment
No film blocking/break during metallization.



High Yield
Low gsm & high linear mileage.



Good Machinability
Highly productive performance with minimum wastage.



Good Optics
Excellent metal brilliance post metallization.

KEY FEATURES:

- Good metal anchorage
- Excellent machinability
- Good optics
- High yield

APPLICATIONS:

- Vacuum metallization for decorative applications

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	8	9	10	15	18	20
			(Gauge)	32	36	40	60	72	80
FILM DENSITY		D-1505	gm/cc	0.91					
GRAMMAGE		Internal	gm/m ²	7.3	8.2	9.1	13.7	16.4	18.2
YIELD		Internal	m ² /kg	137	121.9	109.9	73.1	61.1	54.9
			in ² /lb	96311	85695	77259	51389	42953	38594
TREATMENT LEVEL		D-2578	dyne/cm	38					
HAZE		D-1003	%	1.7	1.7	1.8	1.8	2.0	2.2
GLOSS (at 45°)		D-2457	Unit	98	98	96	96	95	94
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm ²	1250					
	TD*			2500					
	MD*		(KPsi)	17.8					
	TD*			35.5					
ELONGATION AT BREAK	MD*	D-882	%	200					
	TD*			60					
LINEAR SHRINKAGE (max) (5 Minutes at 130°C)	MD*	D-1204	%	6.0					
	TD*			3.0					
WATER VAPOUR TRANSMISSION RATE (38°C & 90% RH)		F-1249	gm/m ² /day	7.8	7.6	7.6	7.0	6.8	6.5
			(gm/100 in ² /day)	0.5	0.49	0.49	0.45	0.44	0.42
OXYGEN TRANSMISSION RATE (23°C & 0% RH)		D-3985	cc/m ² /day	2500	2400	2400	2000	1800	1800
			(cc/100 in ² /day)	161	155	155	129	116	116

Ref no QAD UFLI S/14 – B 18/3

*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 within 6 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 customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data 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 provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

**TDS issued on 01-04-2020. All previous version of this grade are invalid.

FlexFilms

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