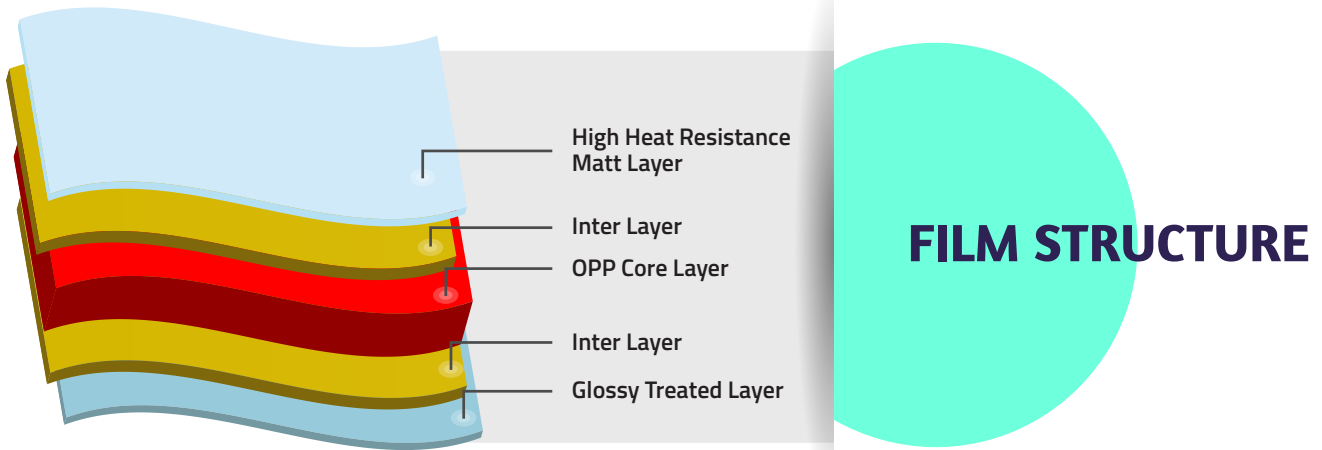


B-MHR

Matt High Heat Resistance BOPP Film

B-MHR is a functionally modified high heat resistance matt layer on one side and other side glossy treated layer for good printability.



THE BIG DIFFERENTIATORS



High Heat Resistance

Good heat resistance on pouching m/c for stand-up & gusseted pouch.



Excellent Matt Dispersion

Imparting subtle richness to branding.



Good Contact Clarity

Low gloss level derives elegant print graphics.



Good Printability

Excellent halftone dot transfer.



Good Bond

Improved ink adhesion & stronger lamination bond.

KEY FEATURES:

- High heat resistance (SIT >130°C)
- Good seal finishing in stand-up pouch & 3D bags
- Inside/bottom gusseted film will not seal to itself
- Good matt dispersion
- Good contact clarity

APPLICATIONS:

- Stand-up pouches
- 3D pouches

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	18	20
			(Gauge)	72	80
FILM DENSITY		D-1505	gm/cc	0.87	
GRAMMAGE		Internal	gm/m ²	15.7	17.4
YIELD		Internal	m ² /kg	63.7	57.5
			in ² /lb	44781	40422
TREATMENT LEVEL		D-2578	dyne/cm	38	
COEFF OF FRICTION (Matt/Matt)	Dynamic	D-1894	-	0.30±0.05	
HAZE	(Min.)	D-1003	%	65	
GLOSS (at 45°)	Matty side	D-2457	Unit	12	
	Glossy side			50	
TENSILE STRENGTH AT BREAK	MD*	D-882	kg/cm ²	1100	
	TD*			2200	
	MD*		(KPsi)	15.6	
	TD*			31.3	
ELONGATION AT BREAK	MD*	D-882	%	170	
	TD*			70	
LINEAR SHRINKAGE (max) (5 Minutes at 130° C)	MD*	D-1204	%	6.0	
	TD*			3.0	
HEAT SEAL INITIATION TEMPERATURE		Internal	° C	>130	
WATER VAPOUR TRANSMISSION RATE (38° C & 90% RH)		F-1249	gm/m ² /day	7.8	7.5
			(gm/100 in ² /day)	0.50	0.48
OXYGEN TRANSMISSION RATE (23° C & 0% RH)		D-3985	cc/m ² /day	1900	1900
			(cc/100 in ² /day)	123	123

Ref no QAD UFLI S/17 - B44/2

*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 an 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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