

F-HBS

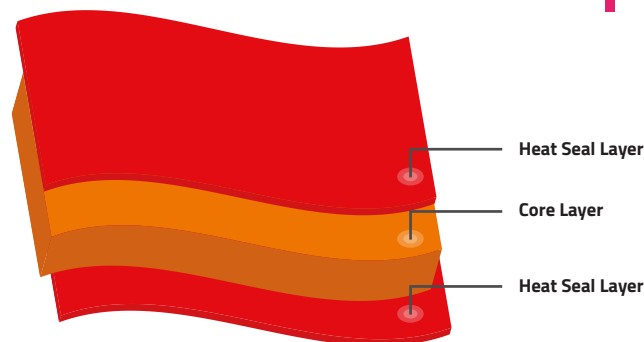
BOTH SIDE HEAT SELABLE BOPET FILM

F-HBS is a co-extruded both side sealable BOPET film.

KEY FEATURES:

- Very good clarity & transparency
- Excellent machinability & handling properties
- Seal to itself, APET, CPET & PVDC
- Does Not seal against PE, PP & PS

FILM STRUCTURE



APPLICATION:

- Lap seal application
- Flexible tube sealing
- The film can be used in flexible packaging and industrial applications.

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS	Internal	Micron	12	
		(Gauge)	48	
YIELD	Internal	m ² / kg	59.5	
		in ² / lb	41934	
SURFACE TENSION (min) # (Heat Sealable side)	ASTM D-2578	dyne/cm	48	
COF (max) (Sealable side to Sealable Side)	ASTM D-1894	-	0.80	
HAZE (max)	ASTM D-1003	%	4.5	
TENSILE STRENGTH AT BREAK (min)	ASTM D-882	kg/cm ²	1700	
			1900	
		(Psi)	24200	
			27000	
ELONGATION AT BREAK (min)	ASTM D-882	%	110	
			85	
HEAT SEAL TEMP. RANGE (service temp.)	FIN SEAL	Internal	°C	110 - 200
SEAL STRENGTH (120°C, 1 sec, 2.8 bar)	FIN SEAL	ASTM D-882	gms/25mm	A/A=350 B/B=350
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	ASTM D-1204	%	MD	3.0
			TD	1.0
W.V.T.R. (38°C & 90% RH) (typical)	ASTM F-1249	gm/m ² /day	45	
		(gm/100 in ² /day)	2.9	
OTR (23°C & 0% RH) (typical)	ASTM D-3985	cc/m ² /day	130	
		(cc/100 in ² /day)	8.5	

The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

STORAGE & HANDLING

FLEXPET™ need to be stored in a warehouse below 35°C (95° F) and should not be exposed to direct sunlight, bright light sources or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from date of shipment

FOOD CONTACT

FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS 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.

Ref. No: QAD UFLI S/20 - F32/1

**TDS issued on 4-01-2020. All previous version of this grade are invalid.

FlexFilms

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