

# F-HBS

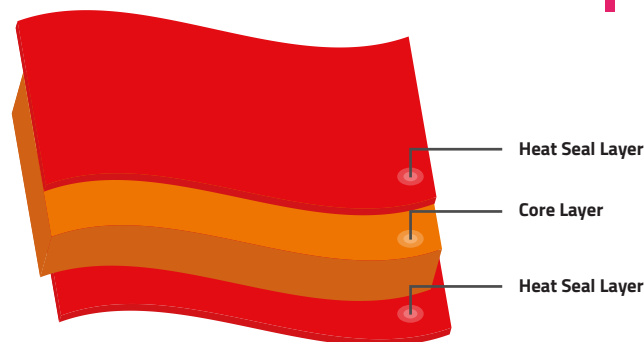
## BOTH SIDE HEAT SELABLE BOPET FILM

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 <sup>2</sup> / kg	59.5	
			in <sup>2</sup> / 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)	MD	ASTM D-882	kg/cm <sup>2</sup>	1700	
	TD			1900	
	MD		(Psi)	24200	
	TD			27000	
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	
	TD			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)	MD	ASTM D-1204	%	3.0	
	TD			1.0	
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	45	
			(gm/100 in <sup>2</sup> /day)	2.9	
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	
			(cc/100 in <sup>2</sup> /day)	8.5	

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

### STORAGE & HANDLING

SELEXIBLE 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, SELEXIBLE is suitable for use within 270 days from date of shipment

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

### DISCLAIMER

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