

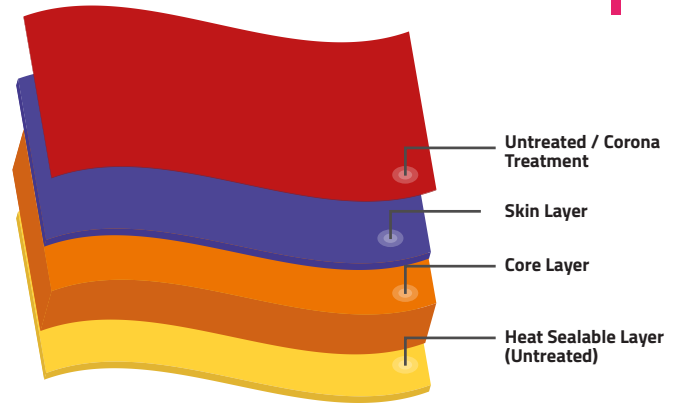
F-HLS HEAT SEALABLE FILM

F-HLS is a co-extruded BOPET film. The film is one side Heat Sealable with other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Seals to itself, APET, CPET, & PVDC
- Does not seal against PE, PP, or PS
- Designed to have a thicker coat weight & higher seal strength than F-HSP

FILM STRUCTURE



APPLICATION:

- Tack seal application
- Food tray sealing

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS	Internal	Micron	12	
		(Gauge)	48	
YIELD	Internal	m ² / kg	59.52	
		in ² / lb	41934	
SURFACE TENSION (min)# (Heat Sealable Surface) (Corona Treated Surface)	ASTM D-2578	dyne/cm	52	
COF (max) (Heat Sealable to Untreated Surface) (Heat Sealable to Corona Treated Surface)	ASTM D-1894	-	0.50	
			0.60	
HAZE (max)	ASTM D-1003	%	4.0	
TENSILE STRENGTH AT BREAK (min)	ASTM D-882	kg/cm ²	MD	1700
			TD	1900
		(Psi)	MD	24200
			TD	27000
ELONGATION AT BREAK	ASTM D-882	%	MD	115
			TD	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	ASTM D-1204	%	MD	3.0
			TD	1.0
HEAT SEAL TEMP. RANGE	Internal	°C	110-200	
SEAL STRENGTH (260°F, 1 sec, 40psi)	FIN SEAL	ASTM D-882	gm/25mm	550
MVTR (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 a minimum of 42 dyne/cm.

STORAGE & HANDLING

FLEXPET™ needs 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 the date of shipment.

FOOD CONTACT

FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

DISCLAIMER

It is the responsibility of our customer 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.