

F-HLS

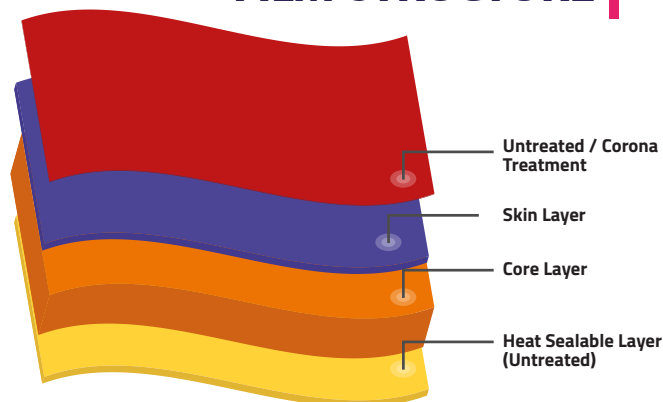
HEAT SEALABLE FILM

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	m² / kg	59.52
			in² /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)	MD	ASTM D-882	kg/cm²	1700
	TD			1900
	MD		(Psi)	24200
	TD			27000
ELONGATION AT BREAK	MD	ASTM D-882	%	115
	TD			85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	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/m²/day	45
			(gm/100 in²/day)	2.9
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130
			(cc/100 in²/day)	8.5

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

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

FOOD CONTACT

SELEXIBLE 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. Selexible 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. Selexible reserves the right to change the technical data sheet at any time without prior notice.

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