

F-LAU

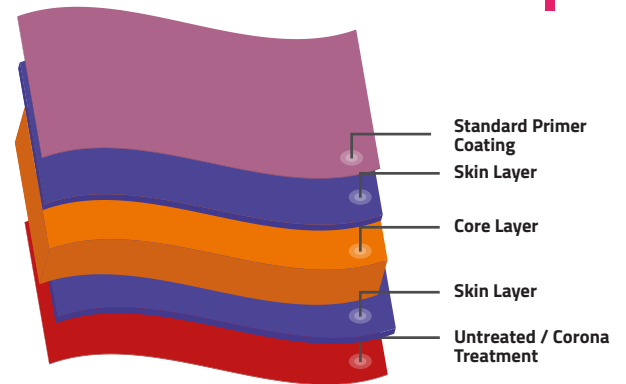
STANDARD PRIMER COATED LIDDING FILM

F-LAU is a transparent BOPET film. The film is one side Standard Primer Coated with the other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Primer Coated surface provides excellent adhesion with inks & various adhesives
- Corona treatment improves bonding

FILM STRUCTURE



APPLICATION:

- Conversion
- Printing & Lamination
- Specially designed for lidding

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS	Internal	Micron	10	12	23	
		(Gauge)	40	48	92	
YIELD	Internal	m ² / kg	71.42	59.52	31.05	
		in ² / lb	50318	41934	21876	
SURFACE TENSION (min) # (Standard Primer Coated surface) (Corona Treated surface)	ASTM D-2578	dyne/cm	40			
			52			
COF (max) (One side to the other)	ASTM D-1894	-	0.50	0.50	0.50	
HAZE (max)	ASTM D-1003	%	4.0	4.0	4.5	
TENSILE STRENGTH AT BREAK (min)	ASTM D-882	kg/cm ²	MD	1900	1900	1900
			TD	2000	2000	2000
		(Psi)	MD	27000	27000	27000
			TD	28500	28500	28500
ELONGATION AT BREAK (min)	ASTM D-882	%	MD	100	105	115
			TD	80	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	ASTM D-1204	%	3.0			
			1.0			
MVTR (38°C & 90% RH) (typical)	ASTM F-1249	gm/m ² /day	50	45	30	
		(gm/100 in ² /day)	3.2	2.9	2.0	
OTR (23°C & 0% RH) (typical)	ASTM D-3985	cc/m ² /day	155	130	80	
		(cc/100 in ² /day)	10.1	8.5	5.2	

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.

FlexFilms

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