

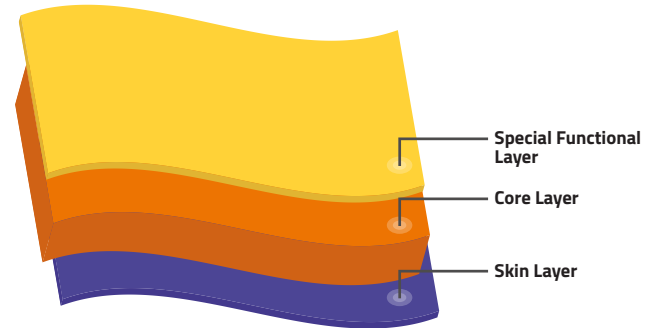
F-CSP CO-EXTRUDED FILM

F-CSP is a transparent BOPET film. The film has a special functional layer on one side and untreated on the other side. The film is tack sealable.

KEY FEATURES:

- Outstanding metal adhesion
- Good machinability & handling properties
- Functional surface has excellent adhesion with inks & adhesive
- Useful for tack sealing

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Metallization
- Hot filling, Sterilization, & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	10	12	15	23
			(Gauge)	40	48	60	92
YIELD		Internal	m ² / kg	71.42	59.52	47.62	31.05
			in ² /lb	50318	41934	33448	21876
COF (max) (Untreated to Special Functional Surface)		ASTM D-1894	-	0.50	0.50	0.50	0.50
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1700	1700
	TD			1900	1900	1900	1900
	MD		(Psi)	24200	24200	24200	24200
	TD			27000	27000	27000	27000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	100	105	115
	TD			80	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	40	30
			(gm/100 in ² /day)	3.2	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	110	80
			(cc/100 in ² /day)	10.1	8.5	7.1	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.