

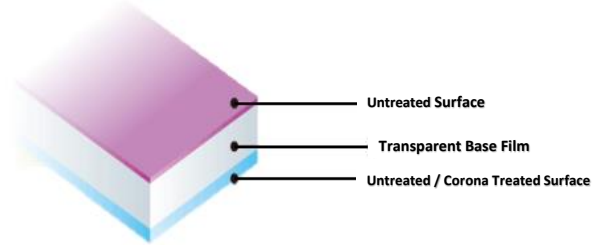
Product Description:

➤ F-ETF is a co-extruded transparent polyester film
 ➤ The film has one side Untreated with the other side being Corona Treated or both sides Untreated

Key Features:

➤ High clarity
 ➤ Corona treatment improves bonding

Film Structure



Application:

➤ Printing & Lamination
 ➤ Bags & Pouches

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD			m ² /kg	59.52	37.60	31.1
			in ² /lb.	41934	26483	21876
SURFACE TENSION (range) (Corona Treated)		D-2578	Dyne/cm	52-64		
COF (max) (Untreated to Corona Treated)		D-1894	-	0.45	0.45	0.45
HAZE (max)		D-1003	%	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	D-882	Kg/cm ²	1900	1900	1700
	TD			2500	2500	2300
	MD		(Psi)	27000	27000	24200
	TD			35500	35500	32700
ELONGATION AT BREAK (min)	MD		%	150	150	150
	TD		%	85	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	D-1204	%	6.0	7.0	7.0
	TD			3.0	3.0	3.0
MVTR (max) (38°C & 90%RH)		F-1249	gm/m ² /day	45	35	30
			(gm/100in ² /day)	2.9	2.3	2.0
OTR (max) (23°C & 0%RH)		D-3985	cc/m ² /day	130	90	80
			(cc/100in ² /day)	8.5	5.8	5.2

Rev. Date: 6/22/2016

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 material is stored in the recommended conditions, FLEXPET™ is suitable for use within 9 months from the date of manufacturing.

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 customers to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The values given in the technical data sheet represent typical values based on the best of our knowledge on the date when the data was compiled. It 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 Films (USA) Inc. gives no warranty nor accepts liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.