

Product Description:

- F-PAF is a transparent polyester film
- The film is either both sides Untreated or has one side Untreated with the other side being Corona Treated

- Antimony free Pet film as Sb <30ppm

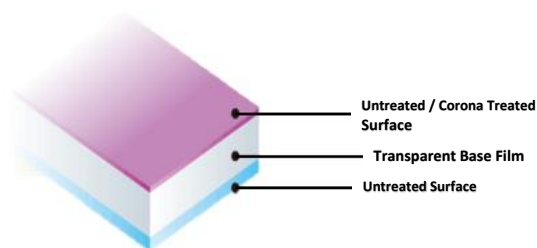
Application:

- Flexible packaging
- Solvent & Water base coating

Key Features:

- Excellent clarity
- Corona treatment improves bonding
- Improved tensile & elongation properties
- Excellent surface & good handling properties
- Excellent machinability & dimensional stability
- Specially designed for Form, Fill, & Seal machine
- Eco friendly characteristics

Film Structure



PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES				
THICKNESS	Internal	Micron	12	15	19	23	36
		(Gauge)	48	60	76	92	144
YIELD		m ² /kg	59.52	47.62	37.59	31.05	19.84
		in ² /lb.	41934	33550	26483	21876	13978
SURFACE TENSION (range) (Corona Treated Surface)	D-2578	Dyne/cm	52-64				
COF (max) (Untreated to Untreated) (Untreated to Corona Treated)	D-1894	-	0.45	0.45	0.45	0.45	0.40
			0.50	0.50	0.50	0.50	0.45
HAZE (max)	D-1003	%	4.0	4.0	4.0	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	D-882	MD	1900	1900	1900	1900	1750
		TD	2000	2000	2000	2000	2000
		MD	27000	27000	27000	27000	25000
		TD	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)		MD	105	105	110	115	120
		TD	85	85	85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	D-1204	MD	3.0				
		TD	1.0				
MVTR (max) (38°C & 90%RH)	F-1249	gm/m ² /day	45	40	35	30	20
		(gm/100in ² /day)	2.9	2.6	2.3	2.0	1.3
OTR (max) (23°C & 0%RH)	D-3985	cc/m ² /day	130	110	90	80	70
		(cc/100in ² /day)	8.5	7.1	5.8	5.2	4.5

Rev. Date: 8/4/2016

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 the 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.