

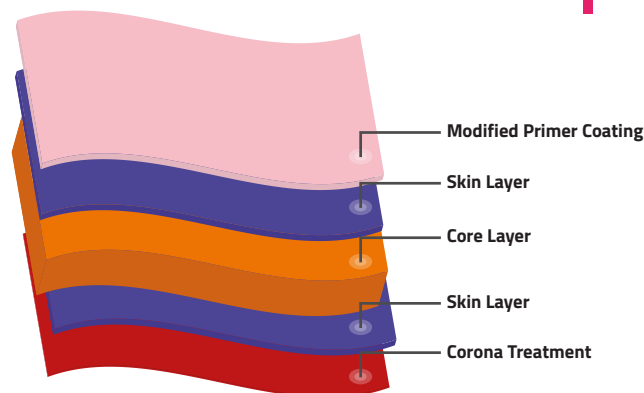
# F-ATT MODIFIED PRIMER COATED FILM

F-ATT is a transparent BOPET film. The film is one side Modified Primer Coated and the other side Corona Treated.

## KEY FEATURES:

- Very good transparency and clarity
- Modified Primer coating provides excellent adhesion with inks & adhesives
- Corona treatment improves bonding
- Excellent machinability & handling properties
- High mechanical properties

## FILM STRUCTURE



## APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, fill & seal structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES						
THICKNESS		Internal	Micron	9	10	12	23	30	31	36
			(Gauge)	36	40	48	92	120	124	144
YIELD		Internal	m <sup>2</sup> / kg	79.36	71.42	59.52	31.05	23.80	23.04	19.84
			in <sup>2</sup> /lb	55912	50318	41934	21876	16768	16225	13978
SURFACE TENSION (min) (Modified Primer coated surface) (Corona treated surface)		ASTM D-2578	dyne/cm	52						
COF (max) (One side to the other side)		ASTM D-1894	-	0.55	0.55	0.50	0.50	0.45	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.5	4.5	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1900	1900	1900	1900	1750
	TD			2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	25000
	TD			28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	105	115	120	120	120
	TD		80	80	85	90	90	90	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 <sup>2</sup> /day	50	50	45	30	25	25	20
			(gm/100 in <sup>2</sup> /day)	3.2	3.2	2.9	2.0	1.6	1.6	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	155	155	130	80	75	75	70
			(cc/100 in <sup>2</sup> /day)	10.1	10.1	8.5	5.2	4.8	4.8	4.5

### 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

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