

# F-WAP

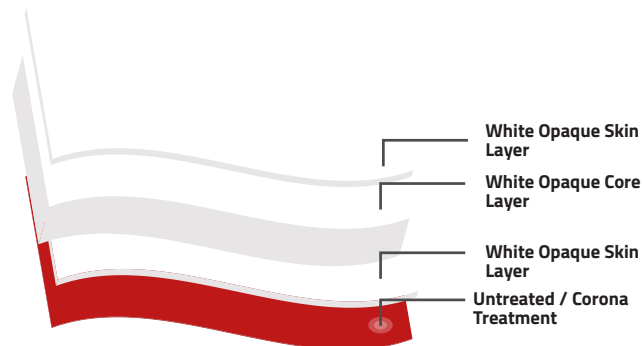
## WHITE OPAQUE BOPET FILM

F-WAP is a white opaque BOPET film. The film is one side corona treated or both side untreated.

### KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- Corona treated side gives good adhesion with inks & adhesives

## FILM STRUCTURE



### APPLICATION:

- Surface printing jobs & metallization
- Label application & blister packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	23	36	50
			(Gauge)	48	92	144	200
YIELD		Internal	m² / kg	58.27	30.40	19.42	13.98
			in² /lb	41022	21401	13671	9841
SURFACE TENSION (min) # (Corona Treated Side)		ASTM D-2578	dyne/cm	52			
COF (max) (Corons to Untreated side) (Untreated to Untreated side)		ASTM D-1894	-	0.50	0.50	0.50	0.50
				0.45	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	55	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1700	1600	1500	1500
	TD			2000	2000	2000	2000
	MD		(Psi)	24200	21300	21300	21300
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125
	TD			80	80	85	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5			
	TD			0.8			
W.V.T.R. (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45	25	15	12
			(gm/100 in²/day)	2.9	1.6	1.0	0.8
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	160	75	45	35
			(cc/100 in²/day)	10.3	4.8	2.9	2.2

# The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

### STORAGE & HANDLING

SELEXIBLE need 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, SELEXIBLE is suitable for use within 270 days from date of shipment.

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

### DISCLAIMER

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## Selexible

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