

# F-WTU

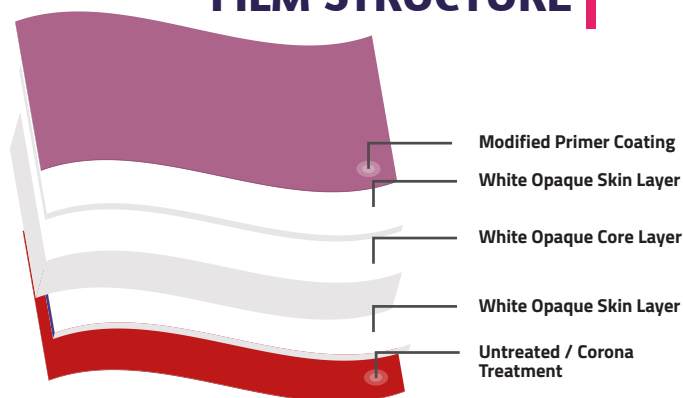
## MODIFIED PRIMER COATED WHITE OPAQUE BOPET FILM

F-WTU is a white opaque polyester film. The film is one side Modified Primer coated other side Untreated or Corona Treated.

### KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties.
- One side Modified Primer coated surface provides excellent adhesion with inks & adhesive.
- Out side corona treated for improved bond with outer substrate.

## 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	m <sup>2</sup> / kg	58.27	30.40	19.42	13.98
			in <sup>2</sup> /lb	41022	21401	13671	9841
SURFACE TENSION (min) # (Modified Primer Coated Side) (Corona Treated Side)		ASTM D-2578	dyne/cm	52			
				52			
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	55	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1700	1600	1500	1500
	TD			2000	2000	2000	2000
	MD		(Psi)	24200	22700	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/m <sup>2</sup> /day	45	25	15	12
			(gm/100 in <sup>2</sup> /day)	2.9	1.6	1.0	0.8
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	160	75	45	35
			(cc/100 in <sup>2</sup> /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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