



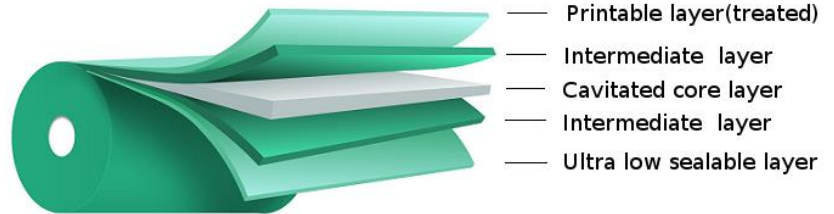
FXWPUS is 5 layer white pearalized BOPP film with ultra low heat sealing properties 78°C on untreated side and low density (0.74 g/cm³). One side corona treated.

TYPICAL APPLICATIONS

High speed HFFS packaging machines

Monoweb or laminated structure

High quality rotogravure and flexo printing



Properties	Test Methods	Deviation	Typical Values					
Thickness, µm	Internal Method		28	30	35	40	45	
Average thickness deviation, %		±	2	2	2	2	2	
Yield, m ² /kg		± 5%	48.3	45	38.6	33.8	30	
Unit weight, g/m ²		± 5%	20.7	22.2	25.9	29.6	33.3	
Gloss (45°)	ASTM D 2457	min	82	82	82	82	82	
Opacity, %	ASTM D 1003	min	75	75	75	75	75	
Coefficient of Friction*	ASTM D 1894	± 0.1	0.3	0.3	0.3	0.3	0.3	
Elongation at break, %	ASTM D 882	± 30	MD	150	150	150	150	150
			TD	50	50	50	50	50
Tensile strength, MPa	ASTM D 882	± 20	MD	80	80	80	80	80
			TD	180	180	150	150	150
Sealing range**, °C	Internal Method	78 ÷ 140	Untreated film side	78 ÷ 140	78 ÷ 140	78 ÷ 140	78 ÷ 140	78 ÷ 140
Seal strength, N/15 mm, 80°C, 1bar 1 sec	Internal Method	min	1	1	1	1	1	
Surface treatment, dynes/cm	ASTM D 2578a	Min 38	Min 38	Min 38	Min 38	Min 38	Min 38	
OTR (cc/m ² /day)	ASTM D 3985 23°C- ± 0% RH	max	2300	2200	2000	1800	1700	
WVTR (g/m ² /day)	ASTM F 1249 38°C- 90% RH	max	8.5	8	7	5.5	4.5	

*- COF, Film/Film, untreated side, dynamic

** - this sealing range starts with SIT (sealing initiation temperature) untreated side

The specified values are based on average results, measured by the manufacturer during standard production. They should not be considered as Data Sheet of any particular product. The end user should be satisfied as to the suitability of the product for the intended application and the present regulatory regime. Therefore Plastchim-T AD disclaims any liability for damages arising from the non-suitability of the product for the effected application.



FOOD CONTACT

The BOPP Film complies with all national and international standards and requirements for food contact. Declaration of Compliance is accessible at www.plastchim-t.com.

INDICATION OF PRINTABLE SURFACE

FXWPUS is usually supplied with printable layer on the outside surface, in case of requirement for printable layer inside, this must be agreed with our sales representative before order processing.

PACKING

	Core Diameter	Outer Diameter *	Notes
Vertical	152 mm (6')	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
	76 mm (3')		
Horizontal	152 mm (6')	≤ 770 mm	
	76 mm (3')		

(*) In case of no other requirements

TOLERANCES

Weight tolerance, depending on the order volume	Width tolerance	Length tolerance
≤ 1 000 kg ± 20%	± 2 mm	±5 %
1001 ÷ 10 000 ± 10%		
>10 000 ± 5%		

Storage and Transportation Terms & Conditions

Palletizing of goods is done according to customer's requirements.

The storage of all goods is in dry, covered and clean warehouses.

The transportation of the goods is carried out in dry, covered and clean means of transport.

The recommended temperature of storage/transportation is 10-30°C. If the temperature is not within the recommended limits, the following issues may occur:

- Decrease of dyne level
- Higher haze of the film
- Poor adhesion of the film surface that on a later stage could be an issue for laminating and printing
- Extremely low COF that can trouble further processing

Excessive humidity can be a reason for film blocking.

It is recommended that BOPP film should be tempered at operating room temperature for 24 hours before use.

Metalized films should be laminated because the metal layer is not resistant to scratches. Before printing on metalized films, it is strongly recommended to apply a primer. Adherence to the above mentioned storage conditions ensures that the film is suitable to be used up to 6 months after production.

Claims regarding to the transportation are accepted within 1 week after the delivery date. If any, a record has to be taken in the CMR.