



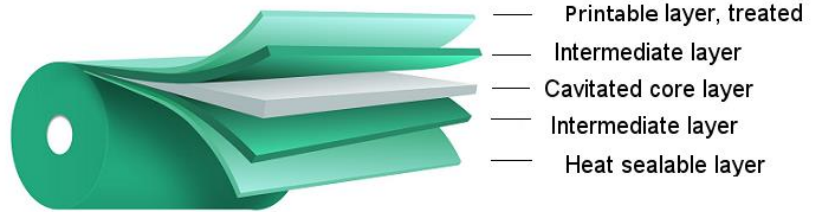
**FXCWPLS** is 5 layer white pearlized BOPP film with high yield and low density (0.8 g/cm<sup>3</sup>), both sides heat sealable, one side corona treated. Designed with very wide heat sealing range on the non-treated side, starts from 90°C.

### TYPICAL APPLICATIONS

General purpose packaging

Ice cream and chocolate packaging

High quality rotogravure and flexo printing



Properties	Test Methods	Deviation	Typical Values	
Thickness, µm			25	30
Average thickness deviation, %		±	2	2
Yield, m <sup>2</sup> /kg		± 5%	50	41.6
Unit weight, g/m <sup>2</sup>		± 5%	20	24
Gloss (45°)	ASTM D 2457	± 2	76	76
Opacity, %	ASTM D 1003	± 5	80	80
Coefficient of Friction*	ASTM D 1894	± 0.1	0.35	0.35
Shrinkage, % (120°C, 5 min)	MD		4.0	4.0
	TD	BMS TT 0.2	3.0	3.0
Elongation at break, %	MD	± 30	120	120
	TD		50	50
Sealing range*, °C			90 ÷ 145	90 ÷ 145
Seal strength, N/15 mm, 130°, 1bar 1 sec	BMS TT 0.2	± 0.3	2.8	1.8
Seal strength, N/15 mm, 95°, 1bar 1 sec		± 0.3	2.8	2.8
Tensile strength, MPa	MD	± 20	80	80
	TD		140	150
Surface treatment, dynes/cm	ASTM D 2578a		Min 38	Min 38
OTR (cc/m <sup>2</sup> /day)	ASTM D 3985 23°C- ± 0% RH			
WVTR (g/m <sup>2</sup> /day)	ASTM F 1249 38°C- 90% RH			

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

\*\*-. this sealing range starts with SIT (sealing initiation temperature), untreated side/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](http://www.plastchim-t.com).

### INDICATION OF PRINTABLE SURFACE

**FXCWPLS** 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
<b>Vertical</b>	152 mm (6`)	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
	76 mm (3`)		
<b>Horizontal</b>	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.

Before printing or laminating of BOPP films it is recommended the use of an inline treatment station in order to boost the treatment level of the printable surface or to be used adequate primer to achieve a perfect product.

Adherence to the above mentioned storage and transport 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.