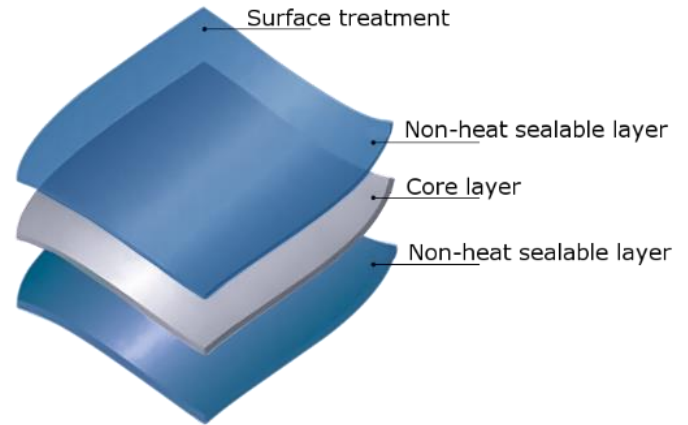




**FXPLF** is BOPP film with outstanding transparency and brilliance, non-heat sealable, one side high energy flame treated. The film has high surface tension, excellent ink adhesion, high tensile strength and low elongation. The film is especially designed for high quality label printing.



**TYPICAL APPLICATIONS**

- Wraparound labels
- High quality rotogravure and flexo printing

Properties		Test Methods	Deviation	Typical Values					
Thickness $\mu\text{m}$		Internal method		20	25	30	35	38	40
Average thickness deviation, %			$\pm$	2.5	2.5	2	2	2	2
Yield, $\text{m}^2/\text{kg}$			$\pm 5\%$	54.9	44.2	36.6	31.6	29.2	27.8
Unit weight, $\text{g}/\text{m}^2$			$\pm 5\%$	18.2	22.7	27.3	31.8	34.5	36.4
Gloss ( $45^\circ$ )		ASTM D 2457	$\pm 2$	90	90	90	90	90	90
Haze, %		ASTM D 1003	$\pm 0.2$	1.5	1.6	1.6	1.8	1.8	1.8
Coefficient of Friction *		ASTM D 1894	$\pm 0.1$	0.4	0.4	0.4	0.4	0.4	0.4
Shrinkage, % ( $120^\circ\text{C}$ , 5 min)	MD	BMS TT 0.2		4.0	4.0	4.0	4.0	4.0	4.0
	TD			3.0	3.0	3.0	3.0	3.0	3.0
Elongation at break, %	MD	ASTM D 882	$\pm 30$	190	180	180	180	180	180
	TD			70	70	70	70	70	70
Tensile strength, MPa	MD	ASTM D 882	$\pm 30$	150	150	150	150	150	150
	TD			250	250	250	250	250	250
Surface treatment, dynes/cm		ASTM D 2578a		Min 40	Min 40	Min 40	Min 40	Min 40	Min 40

\*- Dynamic Coefficient of friction, film/film, untreated to 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. The Declaration of Compliance is accessible at [www.plastchim-t.com](http://www.plastchim-t.com).

### INDICATION OF TREATED SURFACE

FXPLF is usually supplied with printable layer externally on the rolls, in case of other requirement this must be agreed with our sales representative before order processing

### PACKING

<b>Vertical</b>	152 mm (6`) 76 mm (3`)	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
<b>Horizontal</b>	152 mm (6`) 76 mm (3`)	≤ 770 mm	

(\*) 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.