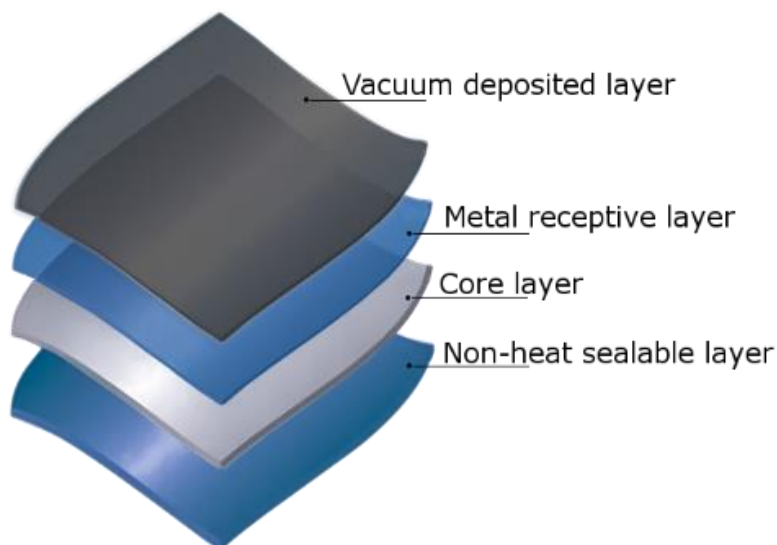


FXPM is metallized BOPP film, non-heat sealable, with very good barrier properties (water and oxygen permeability). Excellent metal adhesion.

TYPICAL

- Barrier application, lamination
- High quality rotogravure and flexo printing
- Decoration



Properties	Test Methods	Deviation	Typical Values				
Thickness μm	Internal method		20	25	30	35	
Average thickness deviation, %		\pm	2.5	2.5	2	2	
Yield, m^2/kg		$\pm 5\%$	54.9	44	36.6	31.4	
Unit weight, g/m^2		$\pm 5\%$	18.2	22.7	27.3	31.8	
Optical density, O.D.		± 0.2	2.0	2.0	2.0	2.0	
Coefficient of Friction*	ASTM D 1894	± 0.15	0.4	0.4	0.4	0.4	
Shrinkage, % (120°C, 5 min)	BMS TT 0.2						
	MD		5.0	5.0	5.0	5.0	
	TD		2.0	2.0	2.0	2.0	
Elongation at break, %	ASTM D 882	± 30	MD	210	210	210	210
			TD	80	80	80	80
OTR ($\text{cc}/\text{m}^2/\text{day}$)	ASTM D 3985 23°C - $\pm 0\%$ RH				≤ 80		
WVTR ($\text{gr}/\text{m}^2/\text{day}$)	ASTM F 1249 38°C - 90% RH				≤ 0.7		
Tensile strength, MPa	ASTM D 882	± 30	MD	150	150	150	150
			TD	240	240	240	240

*- dynamic COF nontreated/nontreated side

Converting recommendations

Before printing or laminating the use of an inline corona station is recommended, with proper power, in order to boost the treatment of the metal surface. It is highly advisable to be used adequate primer when the metallized surface is to be printed. Metallized films should be laminated because the metal layer is not resistant to scratches.

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.

PACKING

	Core Diameter	Outer Diameter *	Notes
Vertical	152 mm (6`) 76 mm (3`)	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
Horizontal	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
- Poor adhesion of the film surface that on a later stage could be an issue for laminating and printing

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. As the metalized surface of such films is sensitive to storage conditions, there is no guarantee on the surface treatment. Plastchim-T AD does provide 15 days guarantee (considered from the date of metallization) on films with surface treatment of 36 dyn/cm.

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.

If any hidden defects occur, Plastchim-T AD may agree to refund the cost for up to 3 rolls from a certain order.

Last update: 10th January 2020