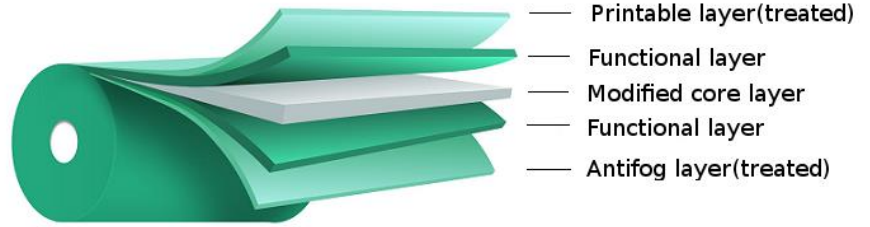


FXCAF is 5 layer transparent uncoated BOPP film. Both side sealable, one side antifog properties other side suitable for printing. Both side corona treated



TYPICAL APPLICATIONS

Single web for fresh vegetable and salad packaging, Cold Antifog effect

Lamination is not recommended

Rotogravure and flexo printing

The Anti-fog properties are sensible of the storage time and conditions, that's why is advisable FXCAF to be used not later from 6 months after delivery date.

Properties	Test Methods	Deviation	Typical Values			
Thickness, μm			25	30	35	40
Average thickness deviation, %			2	2	2	2
Yield, m^2/kg		$\pm 5\%$	43.9	51.3	43.9	38.5
Unit weight, g/m^2		$\pm 5\%$	22.8	19.5	22.8	26
Gloss (45°)	ASTM D 2457	± 2	83	83	83	83
Haze, %	ASTM D 1003	± 0.3	1.7	1.8	1.9	2
Coefficient of Friction* In/In	ASTM D 1894		≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25
Coefficient of Friction* Out/Out	ASTM D 1894		≤ 0.25	≤ 0.25	≤ 0.25	≤ 0.25
Elongation at break, %						
MD	ASTM D 882	± 30	200	200	200	200
TD			60	60	60	60
Sealing range**, $^\circ\text{C}$			105 ÷ 145	105 ÷ 145	105 ÷ 145	105 ÷ 145
Seal strength, N/15 mm, 130 $^\circ$, 1bar 1 sec	BMS TT 0.2	± 0.5	≥ 2.5	≥ 2.5	≥ 2.5	≥ 2.5
Tensile strength, MPa						
MD	ASTM D 882	± 20	140	140	140	140
TD			280	280	280	280
Surface treatment, dynes/cm	ASTM D 2578a		Min 38	Min 38	Min 38	Min 38
OTR ($\text{cc}/\text{m}^2/\text{day}$)	ASTM D 3985 23 $^\circ\text{C}$ - $\pm 0\%$ RH					
WVTR ($\text{g}/\text{m}^2/\text{day}$)	ASTM F 1249 38 $^\circ\text{C}$ - 90% RH					

*- Dynamic COF film/film

** - Sealing on nontreated side range starts with SIT (sealing initiation temperature)

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

FXCAF 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`) 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% 1001 ÷ 10 000 ± 10% >10 000 ± 5%	± 2 mm	±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.