

Exifilm fresh®AF performance shrink film uses cross-linked technology that provides consistent sealing and shrinking at a wide range of temperature. Exifilm fresh®AF is engineered with unique anti-fog properties to maintain clarity for product presentation in refrigerator applications.

- Anti-Fog properties ensure clarity and enhance retail product presentation attracting more customers. Ideal for shrink packaging of fresh fruits, vegetables, meat and fresh products.
- Maximum available shrinkage ensures that the film conforms to the most irregularly shaped products, providing superior product presentation.
- Exceptional tensile strength and tear resistance gives added durability and toughness to ensure your product is better protected.
- Complies with standards for direct food contact.

CROSSLINKING TECHNOLOGY

Exlfilm

This innovative technique makes Exlfilmplus® Shrink Films one of the toughest and most versatile on the market. This is because the polymer chains are permanently bound into a network, significantly increasing their heat stability and strength. Our films have an inherently greater window of seal and shrink performance at a broader range of temperatures.

- Prevention of Buildup on wires and knives during sealing
- Prevention of Film Burn-Through in heat tunnels
- Increased Film Toughness on the finished package



Estrada da Praia, nº 1087 4740 – 696 Barqueiros BCL Portugal Tel: +351 253 859 270 Email: fibope@fibope.pt

Edition 02





Thickness [µm]	Length [m]						Width [mm]		
	Flat				Centerfolded		Flat	Centerfolded	
11	22.500	11.250	7.500	3.750	3.750	1.875	From 200 up to 1200	From 2 x 150 up to 2 x	
12,5	19.800	9.900	6.600	3.300	3.300	1.650	width increments of	1.000 width increments of	
15	16.500	8.250	5.500	2.750	2.750	1.375	10mm	50mm	

Cardboard core internal 76,6mm Other specifications available upon request

Droportios		Test Method	Thickness (μm)			
Properties		rest Method	11	12,5	15	
Yield (m²/kg)	-	98,8 86,9 7		72,5	
Unit Weight (g/	/m²)	-	10,1	13,8		
	MD	60 °C,	2			
	TD	air and 5 min MIE 002	4			
	MD	90 °C,	13			
Heat Shrinkage (%)	TD	air and 5 min MIE 002	20			
	MD	120°C,	70			
	TD	air and 5 min MIE 002	70			
Tanaila Chuan atla (MADa	MD		100			
Tensile Strength (MPa)	TD	ACTA A DOOD	105			
Elongation at Break	MD	ASTM D882	135			
(%)	TD		125			
Haze (%)		ASTM D 1003	5			
Gloss at 20°	(%)	ASTM D 2457	105			
Coefficient of fr	iction	ASTM D 1894	0,22			
OTR ⁽¹⁾ (cm ³ /(m ² .2	24h.atm)	ASTM D 3985/ASTM F 1927	10 400			
WVTR ⁽²⁾ (g /h	.m ²)	ASTM E 96/E96M	1,4			





Note: These values are typical and not intended as limiting specifications.

 $^{(1)}15\mu m,\,23^{\circ}\text{C\&dry}$ gas inside/dry gas outside. $^{(2)}\,15\mu m\,50\%$ RH, 38°C.

Storage time should not exceed 12 months. The maximum storage temperature for optimum performance is 35°C.



Fibope comply with the requirements and regulations which state that materials may be used in food contact applications. For more information contact our technical support team.

While we believe them to be reliable the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The use must, by test or otherwise, determine suitability for this purpose. Our standard $term\ and\ conditions\ of\ sale\ apply\ exclusively\ to\ all\ orders,\ and\ all\ liability\ for\ damages\ of\ any\ kind,\ including\ consequential\ exceeding\ and\ orders,\ and\ all\ liability\ for\ damages\ of\ any\ kind,\ including\ consequential\ exceeding\ and\ orders,\ and\ all\ liability\ for\ damages\ of\ any\ kind,\ including\ consequential\ exceeding\ and\ orders,\ and\ all\ liability\ for\ damages\ of\ any\ kind,\ including\ consequential\ exceeding\ and\ orders,\ and\ all\ liability\ for\ damages\ of\ any\ kind,\ including\ consequential\ exceeding\ and\ orders,\ and\ or$ purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.





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Email: fibope@fibope.pt

FIBOPE PORTUGUESA - FILMES BIORIENTADOS, SA is an industrial company dedicated to the production of flexible films for packaging, integrated in the group "Intertape Polymer, Inc.", of Canada. We produce films based on polyolefins, bi-oriented and co-extruded (polyolefin shrink film) in multi-layers. Being a modern unit based on a favorable costs structure and advanced production techniques, it is able to meet the

FIBOPE practices a continuous policy of quality and development of its capacities to satisfy the requirements of the customers regarding the $products \ and \ services \ it\ offers, being\ certified\ since\ 2001,\ according\ to\ NP\ EN\ ISO\ 9001:\ 2008\ and\ from\ 2013\ according\ to\ the\ BRC\ /\ IOP\ reference$ Packaging.

The quality of the products Exlfilm®, Exlfilmplus® and Exlfilmfresh® is constantly tested in our laboratory, equipped with highly sophisticated equipment and qualified technicians, allowing to guarantee quality and consistency.

The main applications are directed to the packaging of food products, cosmetics, paper and display market in general. The concept of total compliance with our customers guides daily activities and differentiates FIBOPE from competitors.