

# Exfilm<sup>®</sup>QSL

## Quick Shrink Film

Exfilm<sup>®</sup>QSL is a fast-sealing, ultra-fast shrinking production film. It has an exceptionally high percentage of shrinkage that ensures the film conforms to the package and provides “wrinkle-free” aesthetics. It maximizes production speeds even under the most demanding applications such as calendars and vinyl products.

Exfilm<sup>®</sup>QSL properties are non-corrosive.



### Performance Features Equal Customer Value

- **Quick Shrink Initiation**, fast-sealing and ultra-fast shrinking performance maximizes production speeds even under the most demanding environments.
- **Maximum Hot & Cold "Slip"** ensures easy package insertion and removal from the master carton.
- **Exceptionally High Percentage of Shrinkage** ensures that the film conforms to the package and provides “wrinkle-free” aesthetics.
- High speed applications demand **QSL's High Speed Performance**.
- **Low Shrink Force** protects your product without crushing or distorting.
- **Reduces Downtime** and keeps your line running.
- Unlike PVC, **QSL is Non-corrosive**, assuring no carbon build-up on sealers.
- **Exceptional Tensile Strength and Tear Resistance** gives added durability and toughness to ensure your product is better protected.
- **Complies with Standards** for direct contact with food.

### Our Extensive Line of Shrink Film Products

IPG offers a unique line of crosslinked and non-crosslinked, polyolefin shrink films, available in a wide choice of gauges, widths and film designs, such as print-treated, to ensure that you have the best film for your application. These include:

Exfilmplus<sup>™</sup> – Performance Shrink Film

Exfilmplus<sup>™</sup> LTG – Light Gauge Performance Shrink Film

Exfilmplus<sup>™</sup> LTF – Light Force Performance Shrink Film

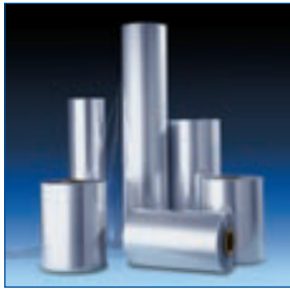
Exfilmplus<sup>™</sup> AF – Anti-Fog Performance Shrink Film

Exfilm<sup>®</sup> QSL – Quick Shrink & Slip Film

Exfilm<sup>®</sup> FP26 – High Speed Shrink Film

Exfilm<sup>®</sup> FPLL – Multi-Purpose Polyolefin Shrink Film





# Exlfilm<sup>®</sup>QSL

## Quick Shrink Film

### Standard Dimensions:

Thickness (µm)	Length (m)						Width (mm)	
Exlfilm <sup>®</sup> QSL	Flat				Centerfolded		Flat	Centerfolded
11	22.500	11.250	7.500	3.750	3.750	1.875	from 200 up to 1200 width increments of 10mm	from 2 x 150 up to 2 x 1.000 width increments of 50mm
12,5	19.800	9.900	6.600	3.300	3.300	1.650		
15	16.500	8.250	5.500	2.750	2.750	1.375		
19	12.900	6.450	4.300	2.150	2.150	1.075		

Cardboard core internal 76mm.

Other specifications available upon request.

Exlfilm®QSL				Thickness			
Properties		Units	Test Method	11 µm	12,5 µm	15 µm	19µm
Yield		m²/kg		99,5	87,6	73,0	57,6
Unit Weight		g/m²		10	11,4	13,7	17,3
Max. Storage Temp.		°C		35			
Heat Shrinkage	MD	%	120°C, air, 5min MIE 002	55			
	TD			58			
Tensile Strength	MD	MPa	ASTM D 882	100	100	100	100
	TD			100	100	100	100
Elongation at Break	MD	%	ASTM D 882	90	100	110	120
	TD			90	100	110	120
Coefficient of Friction			ASTM D 1894	0,2			
Haze		%	ASTM D 1003	3,6	3,8	4,0	4,2
Gloss		%	ASTM D 2457 20°	120	115	105	100

These are nominal values.

### CUSTOMER SERVICE

351 253 859 270

FAX: 351 253 851 805

E-mail: fibope@fibope.pt - www.exlfilm.com

Lugar de Vilares – Barqueiros - 4740 - 676 Barqueiros BCL – Portugal

### Corporate Profile

Intertape Polymer Group Inc. (IPG) is an acknowledged leader in the packaging industry, assembling the broadest and deepest range of products in the industry.

IPG is widely-recognized for its development and manufacture of specialized polyolefin plastic and paper-based packaging products, as well as complementary packaging systems for industrial and retail use. Additionally, IPG is a woven and flexible intermediate bulk container (FIBC) manufacturer. Its performance products, including tapes and cloths, are designed for demanding aerospace, automotive and industrial applications.

Established in 1981 and headquartered in Montreal, Quebec and Sarasota/Bradenton, Florida, Intertape employs approximately 2,600 employees with operations in 19 locations, including 15 manufacturing facilities in North America and one in Europe. Intertape Polymer Group Inc. is a publicly traded company with its common shares listed on the New York Stock Exchange and The Toronto Stock Exchange under the stock symbol "ITP".

### Team IPG... Working For You!

IPG's distribution network and company sales offices are conveniently located throughout North America and Europe. You'll find that our dedicated local distributors are ready to supply you with Intertape products and services, assisted by IPG's highly trained sales and service representatives, who offer quick response with the technical expertise you need. These IPG associates, and our distributors, combine to make up an unmatched team that provides you with the best service possible, and right in your own back yard.

