

ExfilmplusTM LTF

Light Force Shrink Film

Exfilmplus[®] LTF features exceptional shrinkage (80%) and excellent optics. LTF provides consistently strong seals and conforms easily to irregular shapes without crushing or distorting the product. **Exfilmplus[®] LTF** is user-friendly and non-corrosive, unlike PVC. Best suited applications are: calendars, filters, small paper packs, products susceptible to crushing, textiles, bakery products, computer software and high-profile packages



Performance Features Equal Customer Value

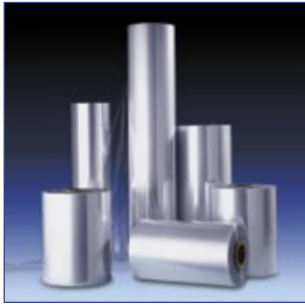
- **Excellent Optics** enhance your retail product presentation to attract more customers.
- **High Speed Performance** maximizes production rates increasing plant efficiency.
- **Consistently Stronger Static Seals** withstand the rigors of high speed packaging and shipping.
- **Reduces Downtime** saving money.
- **Exceptional Tensile Strength & Tear Resistance** gives added durability and toughness to ensure your product is better protected.
- **High Percent of Shrinkage** improves film conformity to the package and product aesthetics.

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[®] – Performance Shrink Film**
- Exfilmplus[®] LTG – Light Gauge Performance Shrink Film**
- Exfilmplus[®] LTF – Light Force Performance Shrink Film**
- Exfilmplus[®] AF – Anti-Fog Performance Shrink Film**
- Exfilm[®] QSL – Quick Shrink & Slip Film**
- Exfilm[®] FP26 – High Speed Shrink Film**
- Exfilm[®] FPLL – Multi-Purpose Polyolefin Shrink Film**





Exfilmplus™ LTF

Light Force Shrink Film

Standard Dimensions:

Thickness (µm)	Length (m)						Width (mm)	
Exfilmplus®LTF	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
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.

Exfilmplus®LTF						
Properties	Units	Test Method	Thickness			
			11µm	15µm	19µm	
Yield	m ² /kg		93	71	56	
Unit Weight	g/m ²		10,7	14,0	17,7	
Max. Storage Temperature	°C		32°			
Heat Shrinkage	MD	% 130°C, air, 10 min	80			
	TD		80			
Tensile Strength	MD	MPa ASTM D 882	114	107	99	
	TD		114	107	99	
Elongation at Break	MD	% ASTM D 882	120	120	120	
	TD		150	155	155	
Coefficient of Friction		ASTM D 1894	0,25			
Haze	%	ASTM D 1003	2,1	2,5	2,6	
Gloss	%	ASTM D 2457 20°	130	125	125	

These are nominal values.

CUSTOMER SERVICE

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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.

