

# Exfilmplus™

## Performance Shrink Film

### Performance Features

- Uniquely Versatile
- Cross-Linked Technology
- Maximum Shrinkage for Superior Product Conformity
- Outstanding Clarity
- Excellent Hot Slip
- Exceptional Tensile Strength & Tear Resistance
- Complies with FDA Standards

### Customer Values

- **Uniquely Versatile**, Exfilmplus™ operates on all types of equipment and sealing technology, ensuring excellent performance across a wide range of applications.
- **Cross-Linked Technology** provides consistent sealing and shrinking at a broader range of temperatures.
- **Maximum Available Shrinkage** ensures the film conforms to the most irregular-shaped products, providing superior aesthetics.
- **Outstanding Clarity** enhances the retail product presentation to attract more customers.
- **Excellent Hot Slip** performance ensures easy package insertion and removal from the master carton.
- **Exceptional Tensile Strength and Tear Resistance** gives added durability and toughness to ensure your product is better protected.
- **Complies with FDA Standards** for direct contact with food.

Intertape has Added a New Generation of Film to its Extensive Line of Shrink Film Products...

## Exfilmplus™

IPG offers a unique line of cross-linked, polyolefin shrink films, available in a wide choice of gauges, widths and film designs, such as print-treated and perforated, to ensure you have the best film for your application.

These include:

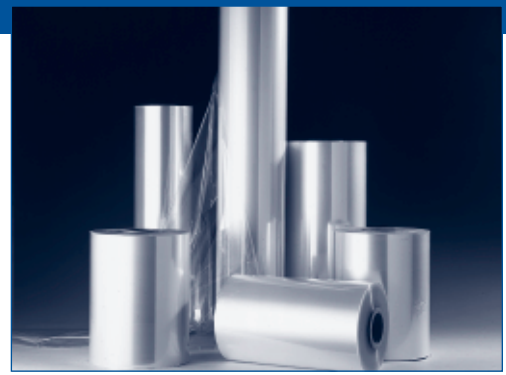
- **Exfilm® HSP – High Speed Shrink Film**
- **Exfilm® QSL – Quick Shrink & Slip Film**
- **Exfilmplus™ LTG – Light Gauge Shrink Film**
- **Exfilmplus™ LTF – Light Force Shrink Film**
- **Exfilmplus™ AF – Anti-Fog Performance Shrink Film**



intertape polymer group™



## Performance Shrink Film



CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES					
		60		75		100	
Gauge		60		75		100	
Roll Length–Center Fold		4,375		3,500		2625	
Roll Length–Single Wound		8,750		7,000		5250	
Low Temperature Usage (F)		-45°		-45		-45	
Shrink Temperature (F)		240-340°		240-340°		240-340°	
Max. Storage Temp. (F) 2 yrs. max.		90°		90°		90°	
Haze (%)	D1003	3.3		3.8		4.2	
Gloss at 20°	D2457	130		128		125	
Coefficient of Friction (film to film), kinetic	D1894	0.20		0.20		0.20	
Oxygen Transmission Rate (cc / 100 in <sup>2</sup> / 24 hrs.)	D3985	830		700		570	
Water Vapor Transmission Rate (g / 100 in <sup>2</sup> / 24 hrs.)	F1249	1.70		1.50		1.30	
Yield in Square Inches per Lb.		50,000		40,000		30,000	
		MD	TD	MD	TD	MD	TD
Tensile Strength (psi)	D882	19,000	19,000	19,000	19,000	20,000	20,000
Elongation at Break (%)	D882	131	150	144	160	160	165
Stiffness Modulus (psi)	D882	40,000	45,000	40,000	45,000	40,000	45,000
Unrestrained Shrink (%) @250°F	D2732	63	66	63	66	63	66
Tear Propagation (g/ply)	D1922	14	14	18	18	25	25

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

### 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. 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.



### CUSTOMER SERVICE:

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