

Exfilmplus™

Performance Shrink Film

IPG's most durable film, **Exfilmplus™** is used in the widest variety of applications. **Exfilmplus™** is ideal for paper goods, food products such as pizza and bakery items, games, wood products... just about anything. If you need a workhorse... *this is it!*



Performance Features Equal Customer Value

- **Uniquely Versatile**, **Exfilmplus™** operates on all types of equipment and sealing technology, ensuring excellent performance across a wide range of applications.
- **Crosslinked Technology** provides consistent sealing and shrinking at a broader range of temperatures.
- **Maximum Available Shrinkage** ensures that 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 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, to ensure you have the best film for your application. These include:

Exfilmplus™ LTG – Light Gauge Shrink Film

Exfilmplus™ LTF – Light Force Shrink Film

Exfilmplus™ AF – Anti-Fog Shrink Film

Exfilm® QSL – Quick Shrink & Slip Film

Exfilm® HSP – High Speed Shrink Film

EZ Clear PVC – PVC Shrink Film





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CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES					
		60		75		100	
Gauge		60		75		100	
Roll Length - Center Fold		4,375		3,500		2,625	
Roll Length - Single Wound		8,750		7,000		5,250	
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 in2 / 24 hrs.)	D3985	830		700		570	
Water Vapor Transmission Rate (g / 100 in2 / 24 hrs.)	F1249	1.70		1.50		1.30	
		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 14 locations, including 10 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, right in your own back yard.

