

Exfilmplus™ Goes Green!

IPG's most durable film, Exfilmplus™ is used in the widest variety of applications. Now, that same great performance can be achieved with a socially responsible oxo-biodegradable formulation. Exfilmplus™OXO is ideal for wrapping paper goods, food products, bakery items, games, wood products and much, much more. If you need a workhorse... this is it!

Exfilmplus™OXO shrink film contains an additive that initiates chemical breakdown more quickly and completely in the presence of oxygen and heat or UV light.

It's the perfect solution for customers looking for an environmentally preferred solution for shrink wrapping.

Standard Polyolefin Shrink Film



Exfilmplus™ OXO
Oxo-Biodegradable Shrink Film



1 12 24 36 48 60

Biodegradation Period in Months

Performance Features Equal Customer Value

- **Uniquely Versatile**, Exfilmplus™OXO 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.
- **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.
- **Complies with Standards** for direct contact with food.
- **100% Recyclable** under recycle code 4.



LDPE



Did you know...

One of the best ways to minimize the impact of packaging on the environment is to use the smallest amount of packaging possible. Next, look for reusable, recyclable and biodegradable packaging materials.

IPG has been the light gauge leader for the past decade, having introduced 45 gauge film to the market over 10 years ago.



CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES				
Gauge		45	60			
Roll Length - Center Fold		5,830	4,375			
Roll Length - Single Wound		11,660	8,750			
Low Temperature Usage (F)		-45°	-45°			
Shrink Temperature (F)		240-340°	240-340°			
Max Storage Temp. (F) 2 yrs. max.		90°	90°			
Haze (%)	D1003	3.2	3.5			
Gloss at 20°	D2457	135	130			
Coefficient of Friction (film to film), kinetic	D1894	0.20	0.20			
Oxygen Transmission Rate (cc / 100 in2 / 24 hrs.)	D3985	1,040	830			
Water Vapor Transmission Rate (g / 100 in2 / 24 hrs.)	F1249	1.90	1.70			
			MD	TD	MD	TD
Tensile Strength (PSI)	D882	19,000	19,000	19,000	19,000	
Elongation at Break (%)	D882	120	150	131	150	
Stiffness Modulus (PSI)	D882	40,000	46,000	40,000	45,000	
Unrestrained Shrink (%) @250°F	D2732	63	66	63	66	
Tear Propagation (g/ply)	D1922	12	12	14	14	

Note: These values are typical and are not intended as limiting specifications. Exfilmplus™OXO Biodegradable film should be used within 16 months of the manufacturing date. Product should be properly stored before use.

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 formulations to ensure that you have the best film for your application. These include:

- Exfilmplus™ – Performance Shrink Film
- Exfilmplus™OXO Biodegradable 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® HSP – High Speed Shrink Film



Intertape's Exfilmplus™OXO is a Lili™ Approved product solution! Log on to www.intertapepolymer.com to learn more about the "Low-environmental impact line from Intertape."

Corporate Profile

Intertape Polymer Group Inc. (IPG) is an acknowledged leader in the packaging industry. Leveraging its advanced manufacturing technologies, extensive research and development capabilities and a comprehensive strategic acquisition program, the company believes it has assembled 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 and are sold to a broad range of industrial/specialty distributors, retail stores and large end-users in diverse industries.



intertape polymer group™

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