

i protect



# EXFILMPLUS<sup>®</sup> GPL

## GLOBAL PERFORMANCE LITE SHRINK FILM

Exfilmplus<sup>®</sup> GPL, available in 35, 42, and 55 gauge, is the latest high performance, crosslinked polyolefin shrink film from IPG. Exfilmplus<sup>®</sup> GPL provides customers superior machinability, clarity and cost savings through higher yield. Exfilmplus<sup>®</sup> GPL's unique shrink characteristics make it the ideal choice for both general use and also light force applications for printers, bakeries and such.

### FEATURES & BENEFITS

- **Excellent Machinability** – seals and shrinks on poorly maintained equipment
- **Superior Clarity and Gloss** – provides a better presentation for your product
- **Minimal Shrink Force** – ideal for lightweight, thin packages
- **Consistently Strong Seals** – maintains a perfect look from the production line to store shelf
- **Lower Cost per Package** – provides customers material savings when compared to standard 45 and 60 gauge films
- **Crosslinked Technology** – provides consistent sealing and shrinking at a broader range of temperatures

### SUSTAINABILITY

- Cradle to Cradle Certified<sup>®</sup> Silver
- Qualified for the How2Recycle store drop-off label
- Contains certified post-industrial recycled content

### MARKETS

- Food Processing
- Fulfillment
- General Manufacturing
- Printing
- Contract Packaging



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## PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	GAUGE					
		35		42		55	
Roll Length – Center Fold		7,500		6,250		4,770	
Roll Length – Single Wound		15,000		12,500		9,540	
Post Industrial Recycled Content (not less than %)		–		10		20	
Low Temperature Usage (°F)		-45°		-45°		-45°	
Shrink Temperature (°F)		240 – 340°		240 – 340°		240 – 340°	
Max. Storage Temp. (°F) 2 years max.		90°		90°		90°	
Haze %	D1003	2.1		2.3		2.4	
Gloss at 20°	D2457	125		135		135	
Coefficient of Friction (film to film), kinetic	D1894	0.22		0.22		0.22	
Oxygen Transmission Rate (cc/100 in <sup>2</sup> /24 hrs.)	D3985	1550		1,100		1,100	
Water Vapor Transmission Rate (g/100 in <sup>2</sup> /24 hrs.)	F1249	1.07		0.81		0.74	
		<b>MD</b>	<b>TD</b>	<b>MD</b>	<b>TD</b>	<b>MD</b>	<b>TD</b>
Tensile Strength (PSI)	D882	17,000	17,000	17,000	16,000	17,000	16,000
Elongation at Break (%)	D882	100	110	115	125	130	140
Stiffness Modulus (PSI)	D882	50,000	50,000	40,000	40,000	40,000	40,000
Unrestrained Shrink (%) @ 250°F	D2732	72	72	72	72	72	72
Tear Propagation (g / ply)	D1922	10	11	11	11	13	13

Note: These values are typical and not intended as limiting specifications.  
MD = Machine Direction; TD = Tensile Direction

## IPG SUSTAINABLE ACHIEVEMENTS AND FOOD GRADE CERTIFICATIONS



Certifications and achievements are product and manufacturing plant specific.



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