

i protect



# EXFILMPLUS® GPS

## GLOBAL PERFORMANCE SHRINK FILM

Exfilmplus® GPS is a high performance crosslinked polyolefin shrink film. This multilayered film is versatile enough to perform on all sealing systems and shrink tunnels. The premium resin formulation provides our strongest seals ever. Exfilmplus® GPS offers high shrink force, making it the ideal choice for multipacking and unitizing product.

### FEATURES & BENEFITS

- **Wide Window of Operation** – Performs across a complete range of applications and equipment. Ideal for older equipment.
- **Crosslinked Technology** – Provides consistent sealing and shrinking at a broader range of temperatures.
- **Superior Sealing Performance** – On all types of equipment and sealing technology. Yields cleaner, stronger seals eliminating blowouts. Save time and money on expensive rewraps.
- **Higher Shrink Force** – Ensures greater package integrity for multi-pack applications.
- **FDA Compliant** – For direct food contact.
- **Printable** – For enhanced marketing opportunities

### SUSTAINABILITY

- Cradle to Cradle Certified® 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											
		45		60		75		100		125		150	
Roll Length – Center Fold		5,830		4,375		3,500		2,625		2,100		1,750	
Roll Length – Single Wound		11,660		8,750		7,000		5,250		4,200		3,500	
Post Industrial Recycled Content (not less than %)		10		20		20		20		20		20	
Low Temperature Usage (°F)		-45°		-45°		-45°		-45°		-45°		-45°	
Shrink Temperature (°F)		240 – 340°		240 – 340°		240 – 340°		240 – 340°		240 – 340°		240 – 340°	
Max. Storage Temp. (°F) 2 years max.		90°		90°		90°		90°		90°		90°	
Haze %	D1003	2.6		2.8		3.0		3.3		4.3		4.5	
Gloss at 20°	D2457	135		135		135		125		125		115	
Coefficient of Friction (film to film), kinetic	D1894	0.2		0.2		0.2		0.2		0.17		0.17	
Oxygen Transmission Rate (cc/100 in <sup>2</sup> /24 hrs.)	D3985	1,203		874		700		503		400		319	
Water Vapor Transmission Rate (g/100 in <sup>2</sup> /24 hrs.)	F1249	0.88		0.45		0.39		0.29		0.24		0.20	
		MD	TD	MD	TD	MD	TD	MD	TD	MD	TD	MD	TD
Tensile Strength (PSI)	D882	18,000	18,000	18,000	18,000	18,000	18,000	20,000	20,000	20,000	20,000	15,000	16,000
Elongation at Break (%)	D882	115	125	120	130	130	135	140	150	150	150	160	160
Stiffness Modulus (PSI)	D882	38,000	40,000	40,000	42,000	42,000	44,000	43,000	48,000	44,000	44,000	35,000	45,000
Unrestrained Shrink (%) @ 250°F	D2732	65	65	65	65	65	65	65	65	65	65	63	63
Tear Propagation (g / ply)	D1922	12	12	16	16	18	18	25	25	27	27	30	30

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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