



## PERFORMANCE SHRINK FILM with PCR

Exfilmplus® PCR is the first clear polyolefin shrink film containing post-consumer recycled content. This multi-layered film is versatile enough to perform on all sealing systems and tunnels. Ideal for club store multipacks, food packaging, and all customers seeking a more circular, sustainable shrink packaging solution.

### 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 rewrops.
- **High Shrink Force** – Ensures greater package integrity for multi-pack applications.
- **FDA Compliant** – For direct food contact.\*
- **Printable** – For enhanced marketing opportunities.

### SUSTAINABILITY

- Contains 10% certified post-consumer recycled content
- Contains 25% certified post-industrial recycled content
- 7% - 9% less film used when compared to standard products
- Qualified for the How2Recycle store drop-off label



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## PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	55 GAUGE		70 GAUGE	
Roll Length - Center Fold		4,770		3,750	
Roll Length - Single Wound		9,540		7,500	
Post-Consumer Recycled Content		10%		10%	
Post-Industrial Recycled Content		25%		25%	
Low Temperature Usage (°F)		-45°		-45°	
Shrink Temperature (°F)		240 - 340°		240 - 340°	
Max. Storage Temp. (°F) 2 years max.		90°		90°	
Haze %	D1003	5.0		5.2	
Gloss at 20°	D2457	110		100	
Coefficient of Friction (film to film), kinetic	D1894	0.2		0.2	
Oxygen Transmission Rate (cc/100 in <sup>2</sup> /24 hrs.)	D3985	874		580	
Water Vapor Transmission Rate (g/100 in <sup>2</sup> /24 hrs.)	F1249	0.45		0.45	
		MD	TD	MD	TD
Tensile Strength (PSI)	D882	18,000	18,000	18,000	18,000
Elongation at Break (%)	D882	120	130	120	130
Stiffness Modulus (PSI)	D882	40,000	42,000	40,000	42,000
Unrestrained Shrink (%) @ 250°F	D2732	65	65	65	65
Tear Propagation (g / ply)	D1922	15	15	18	18

## MARKETS

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

*Note: These values are typical and not intended as limiting specifications.  
MD = Machine Direction; TD = Transverse Direction  
\*Some limitations apply. Consult with IPG for specific details.*

## IPG SUSTAINABLE ACHIEVEMENTS AND FOOD GRADE CERTIFICATIONS



*Certifications and achievements are product and manufacturing plant specific.*



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