

i protect



Exfilmplus®

SHIELD

IPG's new Exfilmplus® SHIELD is a polyolefin shrink film designed to conceal the contents of wrapped products. This heavy-duty film can be used to replace expensive corrugated containers. Currently available in white (semi-opaque) and gray (fully opaque).



FEATURES & BENEFITS

- Fully opaque gray film maintains the confidentiality of sensitive documents and high dollar products
- Eliminates the corrugated container and void fill when packaging items strong enough to withstand the rigors of shipping
- Designed for fulfillment houses and e-commerce shippers delivering product to the consumer
- High speed pack off for improved output rates and lower labor costs
- Crosslinked Technology provides consistent sealing and shrinking
- Printable for enhanced marketing opportunities



VS.



Box and void fill add to the packaging and dim weight costs of each item shipped.

The same product packaged in Exfilmplus® SHIELD reduces packaging and dim weight shipping costs.



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PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES			
		GRAY		WHITE	
Gauge		150		100	
Roll Length - Center Fold		1,750		2,625	
Roll Length - Single Wound		3,500		5,250	
Low Temperature Usage (°F)		-45°		-45°	
Shrink Temperature (°F)		240 - 340°		240 - 340°	
Max. Storage Temp. (°F) 2 years max.		90°		90°	
Transmittance %	D1003	2.5		35	
Gloss at 20°	D2457	68		80	
Coefficient of Friction (film to film), kinetic	D1894	0.12		0.2	
Oxygen Transmission Rate (cc / 100 in² / 24 hrs.)	D3985	265		421	
Water Vapor Transmission Rate (g / 100 in² / 24 hrs.)	F1249	.19		.32	
		MD	TD	MD	TD
Tensile Strength (PSI)	D882	14,000	14,000	20,000	20,000
Elongation at Break (%)	D882	155	155	140	150
Stiffness Modulus (PSI)	D882	35,000	45,000	43,000	48,000
Unrestrained Shrink (%) @ 250°F	D2732	63	63	65	65
Tear Propagation (g / ply)	D1922	35	35	25	25

These values are typical data and are not intended as limiting specifications.

PRODUCT APPLICATIONS

Confidently conceal with Exfilmplus® SHIELD

GRAY

- Wrapping of confidential items such as insurance policies, annual reports and other sensitive documents and deliveries
- Concealment of high dollar products, eg. high-end auto components, electronics or jewelry
- Packaging of items that can withstand the rigors of shipping without the corrugated container, eg. shoes

WHITE

- Wrapping of products requiring lower opacity levels
- Product identification
- Packaging of items that can withstand the rigors of shipping without the corrugated container, eg. shoes



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