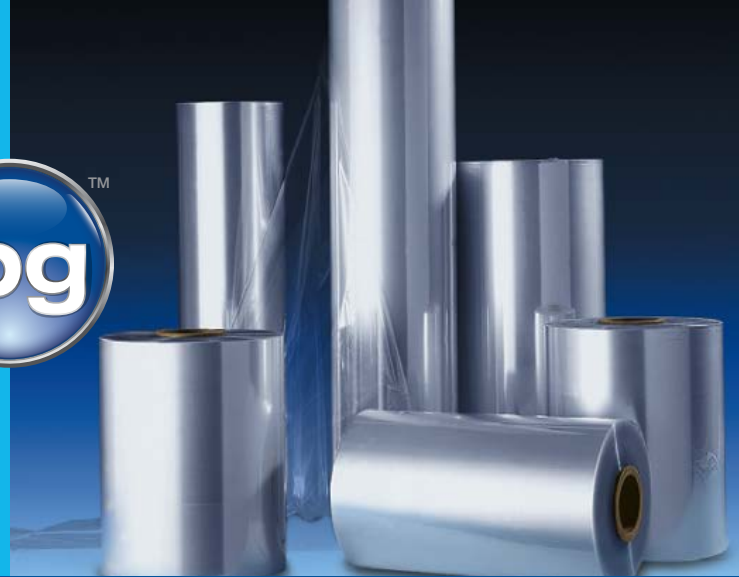


i protect with



Exfilmplus[®] GPS

GLOBAL PERFORMANCE SHRINK FILM

Exfilmplus[®]GPS is our newest 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.

Its key performance features are:

- Consistently Strong Seals
- Wide Operating Window
- High Shrink Force



Features and 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.
- Fully Recyclable

TAPES & FILMS • PACKAGING PRODUCTS & SYSTEMS
BUILDING MATERIALS • ENGINEERED COATED PRODUCTS



Exlfilmplus® GPS

Characteristics	Test Method	Representative Values									
		45		60		75		100		125	
Gauge		45		60		75		100		125	
Roll Length - Center Fold		5,830		4,375		3,500		2,625		2,100	
Roll Length - Single Wound		11,660		8,750		7,000		5,250		4,200	
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	2.7		3.0		3.2		4.0		4.4	
Gloss at 20°F	D2457	135		135		135		125		125	
Coefficient of Friction (film to film), kinetic	D1894	0.2		0.2		0.2		0.2		0.2	
Oxygen Transmission Rate (cc / 100 in ² / 24 hrs.)	D3985	950		850		750		570		440	
Water Vapor Transmission Rate (g / 100 in ² / 24 hrs.)	F1249	1.9		1.7		1.5		1.3		1.1	
		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	21,000	20,000
Elongation at Break (%)	D882	115	125	120	130	130	135	140	150	150	150
Stiffness Modulus (PSI)	D882	38,000	40,000	40,000	42,000	42,000	44,000	43,000	48,000	43,000	48,000
Unrestrained Shrink (%) @ 250°F	D2732	65	65	65	65	65	65	65	65	65	65
Tear Propagation (g / ply)	D1922	12	12	16	16	18	18	25	25	25	25

Note: These values are typical and not intended as limiting specifications.