

i protect



EXLFILMPLUS[®] 365

ALL PURPOSE SHRINK FILM

Exlfilmplus 365 is IPG's newest all-purpose crosslinked polyolefin shrink film. When compared to standard gauge films, Exlfilmplus 365 offers 7%-11% yield savings and is an ideal choice for customers seeking cost savings and source reduction. Exlfilmplus 365 delivers worry-free performance "all day, every day".

FEATURES & BENEFITS

- **Yield Advantage** – 7% -11% yield advantage when compared to standard gauge films. In addition, longer roll lengths improve production uptime, increasing productivity.
- **Quick Shrink Initiation** – Exlfilmplus 365 exhibits very quick shrink initiation. Ideal for customers with higher speed production, running older equipment or shorter length shrink tunnels.
- **Superior Sealing Performance** – On all types of equipment and sealing technologies. Clean, strong seals eliminate blowouts. Save time and money on expensive rewraps.
- **Wide Operating Window** – Performs across a complete range of applications and equipment.
- **FDA Compliant** – For direct food contact.

SUSTAINABILITY

- 7% - 11% less film used when compared to standard products
- Qualified for the How2Recycle store drop-off label

MARKETS

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



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PRODUCT ATTRIBUTES

CHARACTERISTICS	TEST METHOD	GAUGE															
		45		55		70		90		115		150		200			
Roll Length - Center Fold		5,830		4,770		3,750		2,910		2,280		1,750		1,310			
Roll Length - Single Wound		11,660		9,540		7,500		5,820		4,560		3,500		2,620			
Low Temperature Usage (°F)		-45°		-45°		-45°		-45°		-45°		-45°		-45°			
Shrink Temperature (°F)		240 - 340°		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°		90°			
Haze %	D1003	3.5		3.5		4.0		4.6		5.4		6.0		6.0			
Gloss at 20°	D2457	120		120		110		100		100		100		100			
Coefficient of Friction (film to film), kinetic	D1894	0.21		0.21		0.21		0.20		0.20		0.17		0.17			
Oxygen Transmission Rate (cc/100 in ² /24 hrs.)	D3985	770		700		580		520		400		300		250			
Water Vapor Transmission Rate (g/100 in ² /24 hrs.)	F1249	0.65		0.55		0.45		0.32		0.26		0.20		0.16			
		MD	TD	MD	TD	MD	TD	MD	TD	MD	TD	MD	TD	MD	TD		
Tensile Strength (PSI)	D882	12,500	13,000	12,500	13,000	12,500	13,000	12,500	13,000	12,500	13,000	12,500	13,000	12,500	13,000		
Elongation at Break (%)	D882	100	115	110	115	110	115	125	130	150	150	160	150	160	150		
Stiffness Modulus (PSI)	D882	30,000	40,000	30,000	40,000	30,000	40,000	30,000	40,000	30,000	30,000	30,000	30,000	30,000	30,000		
Unrestrained Shrink (%) @ 250°F	D2732	72	72	72	72	72	72	72	72	72	72	70	70	70	70		
Tear Propagation (g / ply)	D1922	18	14	20	16	22	18	25	20	40	30	45	45	45	45		

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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