

i protect



EXLFILMPLUS[®] GPS

GLOBAL PERFORMANCE SHRINK FILM

Exlfilmplus[®] 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. Exlfilmplus[®] 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 ² /24 hrs.) | D3985 | 1,203 | | 874 | | 700 | | 503 | | 400 | | 319 | |
| Water Vapor Transmission Rate (g/100 in ² /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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