

i protect with



Exfilmplus[®] GPL

GLOBAL PERFORMANCE LITE SHRINK FILM

Exfilmplus[®] GPL, available in 35, 42, and 55 gauge, is the latest high performance, crosslinked polyolefin shrink film from IPG. Exfilmplus[®] GPL provides customers superior machinability, clarity and cost savings through higher yield. Exfilmplus[®] GPL's unique shrink characteristics make it the ideal choice for both general use and also light force applications for printers, bakeries and such.

FEATURES & BENEFITS

- **Excellent Machinability** – seals and shrinks on poorly maintained equipment
- **Superior Clarity and Gloss** – provides a better presentation for your product
- **Minimal Shrink Force** – ideal for lightweight, thin packages
- **Consistently Strong Seals** – maintains a perfect look from the production line to store shelf
- **Lower Cost per Package** – provides customers material savings when compared to standard 45 and 60 gauge films
- **Crosslinked Technology** – provides consistent sealing and shrinking at a broader range of temperatures



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| Characteristics | Test Method | Gauge | | | | | |
|---|-------------|------------|-----------|-----------|-----------|-----------|-----------|
| | | 35 | | 42 | | 55 | |
| Roll Length – Center Fold | | 7,500 | | 6,250 | | 4,770 | |
| Roll Length – Single Wound | | 15,000 | | 12,500 | | 9,540 | |
| 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 | 2.9 | | 2.7 | | 3.0 | |
| Gloss at 20° | D2457 | 125 | | 135 | | 135 | |
| Coefficient of Friction (film to film), kinetic | D1894 | 0.180 | | 0.180 | | 0.180 | |
| Oxygen Transmission Rate (cc/100 in ² /24 hrs) | D3985 | 1550 | | 1,100 | | 1,100 | |
| Water Vapor Transmission Rate (g/100 in ² /24 hrs) | F1249 | 1.07 | | 0.810 | | 0.740 | |
| | | MD | TD | MD | TD | MD | TD |
| Tensile Strength (PSI) | D882 | 17,000 | 17,000 | 17,000 | 16,000 | 17,000 | 16,000 |
| Elongation at Break (%) | D882 | 100 | 110 | 115 | 125 | 130 | 140 |
| Stiffness Modulus (PSI) | D882 | 50,000 | 50,000 | 50,000 | 40,000 | 50,000 | 40,000 |
| Unrestrained Shrink (%) @ 250°F | D2732 | 72 | 72 | 72 | 72 | 72 | 72 |
| Tear Propagation (g / ply) | D1922 | 10 | 11 | 11 | 11 | 13 | 13 |

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