

BOLPHANE® BZ

Multipurpose purpose cross-linked Shrink Film

BZ is easy to seal and shrink on a wide range of equipment. It's versatility gives you access to the broadest spectrum of products and applications. Excellent optics combined with a high degree of shrink force makes this an excellent high profile/display film.

BZ offers a unique combination of high shrinkage even when operating at low shrink temperatures. The film's toughness provides puncture resistance as well as giving protection and product integrity especially to packages with sharp edges or irregular shapes. High degree of memory prevents distortion and provides a secure package with good appearance.



Advantages

- Exceptional Strength and Puncture resistance.
- Broad operating window for use on a wide range of equipment.
- Strong seals.
- Fast sealing provides for maximum throughput and productivity.

The "Perfect Fit" for all your packaging film needs.





| Technical Properties | Test Unit | Test Method | BZ | | | | | |
|---|--|--------------|------------------------------------|------------|------------|------------|------------|------------|
| Presentation | | | | | | | | |
| Gauge | | | 60 | 75 | 100 | | | |
| Roll Length Single-wound | FT | | 8750 | 7000 | 5250 | | | |
| Roll Length Centerfold | FT | | 4375 | 3500 | 2625 | | | |
| Width Singlewound | in | | Min: 4in Max: 78in Increment .25in | | | | | |
| Width Centerfold | in | | Min: 5in Max: 40in Increment 1in | | | | | |
| Optical Properties | | | | | | | | |
| Haze | % | ASTM D1003-A | 3.4 | 3.7 | 4 | | | |
| Gloss at 20° | | ASTM D2457 | 115 | 115 | 115 | | | |
| Shrinkage Properties | | | LD* | TD* | LD* | TD* | LD* | TD* |
| Free Shrink at 200°F | % | ATSM D2732 | 16 | 18 | 14 | 18 | 14 | 19 |
| Free Shrink at 260°F | % | | 80 | 79 | 79 | 81 | 78 | 78 |
| Mechanical Properties | | | LD* | TD* | LD* | TD* | LD* | TD* |
| Stiffness modulus | Mpa | ASTM D882 | 380 | 380 | 350 | 350 | 320 | 320 |
| Elongation at break | % | ASTM D882 | 130 | 135 | 135 | 140 | 145 | 150 |
| Tensile strength | Kg/cm ² | ASTM D882 | 1600 | 1600 | 1500 | 1500 | 1300 | 1300 |
| Barrier Properties | | | | | | | | |
| Water vapor transmission rate (100°F, 95% RH) | g/m ² ,24hrs | ASTM E96 | 17 | 14 | 12 | | | |
| O2 transmission rate (73°F, 0% RH) | cm ³ /m ² ,24hrs | ASTM D3985 | 10700 | 8400 | 6500 | | | |

Contact Us

Give us a call for more information about our services and products

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