



BRi-X Sustainable Solutions

| Technical Properties | Test Unit | Test Unit Test Method Values | | | | | |
|--------------------------------------|--|---------------------------------------|-------------|--------|-------|-------|-------|
| Gauge | | | 40 | 60 | | 75 | |
| Roll Length - singlewound (S) | ft | | 13,120 | 8,750 | | 7,000 | |
| Roll Length - centerfolded (C) | ft | | 6,560 | 4,375 | | 3,500 | |
| Friction coefficients (film to film) | | | | | | | |
| Static | | ASTM D1894 | 0.2 | 0.22 | | 0.20 | |
| Dynamic | | ASTM D1894 | 0.12 | 0.15 | | 0.13 | |
| Optical properties | | | | | | | |
| Haze | % | ASTM D1003-A | 5 | 4 | | 4 | |
| Gloss at 20° | | ASTM D2457 | 110 | 120 | | 115 | |
| Shrinkage properties | | | LD* TD* | LD* | TD* | LD* | TD* |
| Free shrink at 93° C / 200° F | % | ASTM D2732 | 15 15 | 12 | 17 | 14 | 19 |
| Free shrink at 120° C / 248°F | % | ASTM D2732 | 73 73 | 78 | 78 | 80 | 80 |
| Shrink force | kg/cm² | NFT 54-125 | 26 31 | 25 | 30 | 25 | 30 |
| Mechanical properties | | | LD* TD* | LD* | TD* | LD* | TD* |
| Stiffness modulus | Мра | ASTM D882 | 400 400 | 380 | 380 | 380 | 380 |
| Elongation at break | % | ASTM D882 | 105 105 | 110 | 100 | 110 | 100 |
| Tensile strength | Kg/cm ² | ASTM D882 | 1,200 1,300 | 1,600 | 1,600 | 1,600 | 1,600 |
| Barrier properties | | · · · · · · · · · · · · · · · · · · · | | | | | |
| Water vapour transmission rate | g/m²/24h 100°F, 95% RH | ASTM E96 | 29 | 17 | | 14 | |
| Oxygen transmission rate | cm ³ /m²/24h 73°F, 0% RH | ASTM D3985 | 17,500 | 10,700 | | 8,400 | |
| | | | | | | | |



The characteristics and values of the products defined by this document are indicative values. It is the best information available to us and we believe it to be reliable. It is up to the user to verify their suitability for the applications because performance can vary significantly depending on the implementation process. Unless explicitly stated, Bolloré reserves the right to modify the definition and properties of its products at any uncertainty depending on the implementation process.

Bolphane[®] BRi-X



BRI-X Ultrathin crosslinked shrinkfilm on the basis of bi-oriented polyethylene (BO-PE) and recycled material.

- Exceptional strength and puncture resistance.
- Broad operating window on a wide range of equipments.
- Strong seals.
- Perfectly adapted to pack industrial and consumer goods.
- Store Drop off approved.

The originality of BRi-X :

• Contains 30% of post-industrial recycled material.

Disposal

Options for disposal are recycling (compatible with SPI code 4/PE-LD), incineration with energy recovery and landfill. Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial and local regulations.

Food contact

Complies with EU and US regulations on food contact materials. See the « Declaration of Conformity » of concerned film reference for details.

Film storage

The maximum temperature for storage is 90° F, with a maximum of 80% RH, up to one year.



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