

# Bolphane® BRX

Cross-linked soft shrink film

- Seals and shrinks at low temperatures
- High free shrink conforms to odd-shaped items
- Low shrink force eliminates distortion on thin products
- High clarity and gloss showcases retail items
- Cross-linked for strength and toughness, and compatible with all types of sealing systems

## APPLICATIONS

- ➔ Bolphane® BRX is a multilayer, cross-linked, polyolefin soft shrink film. It is soft enough to wrap products that easily distort, but tough enough to package irregularly shaped items. Low temperature properties protect heat-sensitive products.

Applications include printed and converted paper products, items packed in lightweight trays and boxes, and softer products. The high free shrink in BRX allows packaging of irregularly-shaped items, and produces the highest quality package aesthetics for shelf appeal.



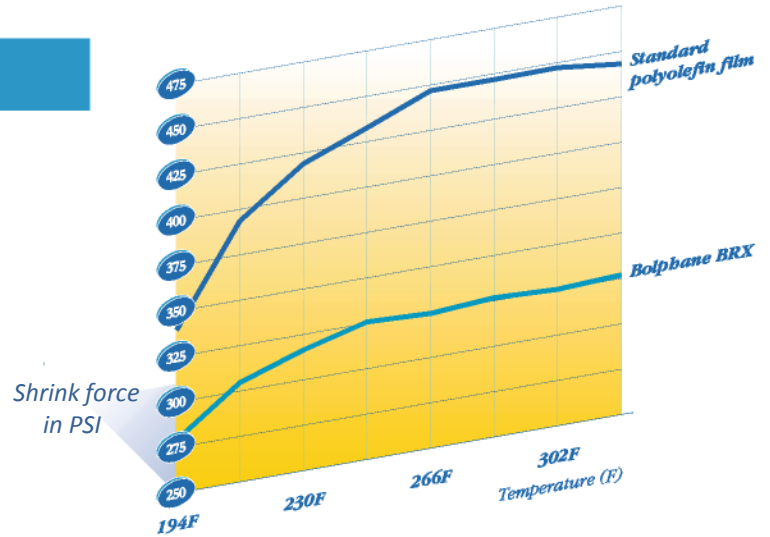
- ➔ The unique thermal properties of Bolphane® BRX allow for sealing and shrinking at lower temperatures than competitive shrink films. Bolloré's exclusive cross-linking process increases the film's strength and toughness, while also providing strong and secure seals. That means wrapping packages in Bolphane® BRX results in greater impact resistance and product protection during shipping and retail display.



# Bolphane® BRX

## SHRINK PROFILE

- Compared to other films, Bolphane® BRX consistently maintains its low shrink force within a wide range of temperatures.



## TECHNICAL FEATURES

| PROPERTIES  | 45 GAUGE           | 60 GAUGE | 75 GAUGE |
|---|--------------------|----------|----------|
| Yield   | 70                 | 51,4     | 40,6     |
| Gloss (85%) (%)   | 115                | 115      | 115      |
| Haze (%)  | 4                  | 4        | 4        |
| Free Shrink(%) at 200°F   | 30                 | 30       | 30       |
| Free Shrink(%) at 250°F   | 77                 | 77       | 70       |
| Seal Strength (g/inch)  | 1800               | 2250     | 2500     |
| Shrink Tension at 300° F (PSI)  | 330                | 320      | 300      |
| WVTR (gms/100 sq.inch/24 hrs at 95°F, 95% RH)                         | 2                  | 1,5      | 1,2      |
| CO <sup>2</sup> Permeability (cc/100 in <sup>2</sup> /24 hr/atm@73°F) | 5600               | 4400     | 3600     |
| O <sup>2</sup> Permeability (cc/100 in <sup>2</sup> /24 hr/atm@73°F)  | 1400               | 1100     | 900      |
| Length of the roll (FT)   | Singlewound BY-SW  | 11660    | 8750     |
|   | Centerfolded BY-CF | 5830     | 4375     |
| Core Internal Diameter (inch)   | 3"                 |          |          |
| Nominal roll outside diameter (inch)                                  | 9 1/2"             |          |          |

## STANDARD PUT-UPS

- Bolphane® BRX is available either Singlewound (BRX-SW) or Centerfolded (BRX-CF). Please contact us for additional requirements.

| TYPE   | WIDTH (inch) |      |           |
|--------|--------------|------|-----------|
|        | mini         | maxi | increment |
| BRX-SW | 4"           | 78"  | 1/4"      |
| BRX-CF | 5"           | 40"  | 1"        |

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