



# **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 <sup>2</sup>	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 <sup>3</sup> /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<sup>®</sup> 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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