

BOLPHANE® BRI-X

Sustainable Solution –Ultrathin crosslinked multipurpose shrink film

Bollore's commitment to sustainability is evident in the new generation of packaging films. **BRI-X** utilizes post-industrial recycled material that is collected, regenerated and repurposed back into the **BRI-X** film.

Benefits of this process:

- ◆ Reduces the environmental impact – reduces waste.
- ◆ Conserving resources
- ◆ Lowers green house gas emissions
- ◆ Saving cost for businesses and end users.

Advantages

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



The “Perfect Fit” for all your packaging film needs.





Post Industrial Recycling Process

Technical Properties		Test Unit	Test Method				
BRI-X							
Presentation							
Gauge				40	60	75	
Roll Length Single-wound	FT			13120	8750	7000	
Roll Length Centerfold	FT			6560	4375	3500	
Width Singlewound	in		Min: 4in	Max: 78in	Increment .25in		
Width Centerfold	in		Min: 5in	Max: 40in	Increment 1in		
Friction Coefficients (Film to Film)							
Static			ASTM D1894	0.2	0.22	0.2	
Kinetic				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*
Free Shrink at 200°F		ATSM D2732	15	15	12	17	14
Free Shrink at 260°F			73	73	78	78	80
Mechanical Properties			LD*	TD*	LD*	TD*	TD*
Stiffness modulus	Mpa	ASTM D882	400	400	380	380	380
Elongation at break	%	ASTM D882	105	105	10	100	110
Tensile strength	PSI	ASTM D882	1200	1300	1600	1600	1600
Barrier Properties							
Water vapor transmission rate (73°F, 100% RH)	cc/100in ² /24hr/atm	ASTM E96		29	17	14	
O ₂ transmission rate (73°F, 100% RH)	cc/100in ² /24hr/atm	ASTM D1434		17500	10700	8400	

Contact Us

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

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