



BOLPHANE R³

**RENEW
REDUCE
RECYCLE**

BTTXF 130

Ultrathin display shrinkfilm on the basis of bi-oriented polyethylene (BO-PE) soft film

- Low shrink force to avoid the distortion of flexible products
- High percentage of free shrink at low temperature to conform to odd-shaped items
- Superior elongation and tear strength
- Broad operating window allowing use on a wide range of equipment
- Hot slip properties



BTTXF 130 benefits from a crosslinking process specific to Bolloré and is formulated with high-tech resins. Thickness can thus be reduced while qualitative mechanical properties are preserved.

BTTXF 130 is the ideal crosslinked shrinkfilm for wrapping items that require a perfect shrink without distortion.

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 32° C, with a maximum of 80% RH, up to one year.



BTTXF 130 Technical Specifications

Technical properties	Test unit	Test Method	Values	
Reference			BTTXF130	
Grade			130	
Roll Length- Singlewound	m		3 250	
Roll Length- Centerfolded	m		1 625	
Width - singlewound (S)	mm	mini : 150 - maxi : 1 400 - increment : 5		
Width - centerfolded (C)	mm	mini : 150 - maxi : 1 000 - increment : 50		
Friction coefficients (film to film)				
Static		ASTM D1894	0.30	
Dynamic		ASTM D1894	0.15	
Optical properties				
Haze	%	ASTM D1003-A	3.5	
Gloss at 20°		ASTM D2457	115	
Shrinkage properties			LD*	TD*
Free shrink at 93°	%	ASTM D2732	28	30
Free shrink at 120°	%	ASTM D2732	77	78
Shrink force	kg/cm²	NFT 54-125	26	31
Mechanical properties			LD*	TD*
Stiffness modulus	Mpa	ASTM D882	220	220
Elongation at break	%	ASTM D882	130	130
Tensile strength	Kg/cm²	ASTM D882	1 100	1 100
Barrier properties				
Water vapor transmission rate	g/m²/24h 38°C, 95% HR	ASTM E96	28	
Oxygen transmission rate	cm³/m²/24h 23°C, 0% HR	ASTM D3985	21 800	

* LD = Longitudinal Direction
* TD = Transversal Direction

Characteristics are those of a non-perforated film.



The technical features of the products defined herein are given as typical values. They are the best information available to us and we believe them to be reliable. Users have to check-up that they are suitable with all the applications as performance may vary with processing conditions. Unless previous warning, BOLLORÉ has the right to change at any time the definition and technical features of its products.