

# BOLPHANE® BZ

## Multipurpose purpose cross-linked Shrink Film

**BZ** is easy to seal and shrink on a wide range of equipment. It's versatility gives you access to the broadest spectrum of products and applications. Excellent optics combined with a high degree of shrink force makes this an excellent high profile/display film.

**BZ** offers a unique combination of high shrinkage even when operating at low shrink temperatures. The film's toughness provides puncture resistance as well as giving protection and product integrity especially to packages with sharp edges or irregular shapes. High degree of memory prevents distortion and provides a secure package with good appearance.



## Advantages

- Exceptional Strength and Puncture resistance.
- Broad operating window for use on a wide range of equipment.
- Strong seals.
- Fast sealing provides for maximum throughput and productivity.



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



Technical Properties	Test Unit	Test Method						
			BZ					
Presentation								
Gauge			60	75	100			
Roll Length Single-	FT		8750	7000	5250			
Roll Length Centerfold	FT		4375	3500	2625			
Width Singlewound	in	Min: 4in Max: 78in Increment .25in						
Width Centerfold	in	Min: 5in Max: 40in Increment 1in						
Optical Properties								
Haze		ASTM D1003-A	3.5	3.5	4			
Gloss at 20°		ASTM D2457	115	115	115			
Shrinkage Properties			LD*	TD*	LD*	TD*	LD*	TD*
Free Shrink at 200°F		ATSM D2732	16	18	14	18	14	19
Free Shrink at 260°F			80	79	79	81	78	78
Mechanical Properties			LD*	TD*	LD*	TD*	LD*	TD*
Stiffness modulus	Mpa	ASTM D882	85000	100000	85000	100000	85000	100000
Elongation at break	%	ASTM D882	130	135	135	140	145	150
Tensile strength	PSI	ASTM D882	22000	22000	21000	21000	19000	19000
Barrier Properties								
Water vapor transmission rate (73°F, 100% RH)	cc/100in²/24hr/atm	ASTM E96	1.1	0.9	0.8			
O2 transmission rate (73°F, 100% RH)	cc/100in²/24hr/atm	ASTM D1434	700	630	580			

## Contact Us

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

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