

# BOLFRESH® BSP

## Frozen Food Overwrap Shrink Film

**BSP** is a film that is used to package frozen food products.

**BSP's** high shrink characteristics optimizes the packaging of irregular shaped products. The "Second Skin" effect provides the ultimate protection to the product and will eliminate freezer burn from storage .



### Advantages

- Shrinkage for “second skin” appearance.
- Low temperature resistance for frozen food.
- Optimized sealing on flow-pack machines.





Technical Properties	Test Unit	Test Method	BSP					
<b>Presentation</b>								
Gauge			60	75	100			
Roll Length Singlewound	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					
<b>Friction Coefficients ( Film to Film)</b>								
Static		ASTM D1894	0.3	0.3	0.3			
Kinetic			0.15	0.15	0.15			
<b>Optical Properties</b>								
Haze	%	ASTM D1003-A	4	4	4			
Gloss at 20°		ASTM D2457	115	115	115			
<b>Shrinkage Properties</b>			<b>LD*</b>	<b>TD*</b>	<b>LD*</b>	<b>TD*</b>	<b>LD*</b>	<b>TD*</b>
Free Shrink at 200°F	%	ATSM D2732	25	27	25	27	22	25
Free Shrink at 260oF	%		80	80	80	80	79	79
<b>Mechanical Properties</b>			<b>LD*</b>	<b>TD*</b>	<b>LD*</b>	<b>TD*</b>	<b>LD*</b>	<b>TD*</b>
Stiffness modulus	Mpa	ASTM D882	220	220	210	210	190	190
Elongation at break	%	ASTM D882	130	130	155	155	165	165
Tensile strength	Kg/cm <sup>2</sup>	ASTM D882	1100	1100	1100	1100	1100	1100
<b>Barrier Properties</b>								
Water vapor transmission rate (100°F, 95% RH)	g/m <sup>2</sup> ,24hrs	ASTM E96	28	21	18			
O2 transmission rate (73°F, 0% RH)	cm <sup>3</sup> /m <sup>2</sup> ,24hr	ASTM D1434	21000	16000	14000			

### Contact Us

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

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