

BOLPHANE® BCL

High Performance Cross-linked Shrink Film

The **BCL** films are multiplayer, versatile, cross-linked shrink films - available from 40 gauge to 150 gauge. High clarity, strong seals with a broad operating window allows for excellent machinability. The **BCL** range can be considered general, all purpose, shrink films.



Advantages

- Versatile film designed for a wide range of products .
- Strong seals on a wide range of sealing systems.
- High tensile strength and tear resistance.
- Excellent machinability.

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





Contact Us

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

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Technical Properties	Test Unit	Test Method												
BCL														
Presentation														
Gauge			40	60	75	100	125	150						
Roll Length Singlewound	FT		13120	8750	7000	5250	4200	3500						
Roll Length Centerfold	FT		6560	4375	3500	2625	2100	1750						
Optical Properties														
Haze	%	ASTM D1003-A	2.1	2.6	3.5	3.8	4.2	5						
Gloss at 45° in %		ASTM D2457	89.5	88	87	86	86	85						
Shrinkage Properties			LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*
Free Shrink at 200°F	%	ATSM D2732	16	26	16	26	16	26	16	26	16	26	16	26
Free Shrink at 250°F	%		62	66	62	66	62	66	62	66	62	66	66	66
Mechanical Properties			LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*	LD*	TD*
Elongation at break	%	ASTM D882	120	130	130	140	140	145						
Tensile strength	PSI	ASTM D882	18000	19580	19580	19580	19580	19580						
Barrier Properties														
Water vapor transmission rate (100°F, 100% RH)	g/m²,24hrs	ASTMF1249	2.6	1.9	1.4	1	0.7	0.6						
O2 transmission rate (73°F, 0% RH)	cm³/m²,24hrs ,atm	ASTM D3985	12600	9500	6200	5400	4200	3300						