

BX-UltraFresh

Anti-fog POF Shrink Film



BX-UltraFresh is a high-quality cross-linked shrink film designed for use in fruit and vegetable packaging. This innovative film is anti-fog, which means that it is specifically designed to remove the water droplets that form on the surface of the film as a result of the inherent moisture of fruits and vegetables. With BX-UltraFresh, you can be confident that your products are well-protected & well-presented, free from water droplets.

SIGNIFICANT PROPERTIES

General Properties

- Provides superior anti-fog performance in the shortest time.
- Reduces waste throughout the cold chain, retail display, and consumer storage.
- Can be used in the microwave.
- Can be printed with colourful graphics, eliminating secondary labelling.

Sealing Properties

- Offers precise air evacuation, allowing respiring fruits and vegetables to breathe.
- Wide sealing temperature range
- Provides a strong seal that does not tear.
- Prevention of Buildup on wires and knives during sealing

Shrinking Properties

- High shrink force conforms to irregular shapes.
- Excellent resistance to burn-through.
- Easy to run on most types of equipment.
- Exceptional tensile strength and tear resistance

Bagla Group Shrink Films comply with the requirements and regulations of FDA and USDA which states that materials may be used in food contact applications.

STANDARD PUT-UPS

- Available Thickness: 100 gauge as cross-linked and non-cross linked variants.
- Single Wound Flat Film is available in custom widths from 3" to 100" in 1/4" increments.
- Center Folded Film is available in custom widths from 3" to 50" in 1/2" increments.
- Shrink Pouches are available in lengths of 4" to 80" and openings of 4" to 40".
- Center Folded Film has half the linear footage of single-wound flat film for the same thickness (in gauge) and roll dimensions.



Ideal for shrink packaging of fresh fruits, vegetables, meat, and fresh products.

TECHNICAL SPECIFICATIONS

Properties	ASTM Test Method	Unit		100gauge
Haze	D-1003	%		3.0
Gloss	D-2457	%		85.0
Clarity	D-1746	%		82.0
COF, Kinetic	D-1894	-		0.20
Oxygen Transmission Rate	D-3985	(cc/100 in ² /24 hr)	@ 73°F, 0% RH	4
		(cc/100 in ² /24 hr)	@ 40°F, 0% RH	4.2
		(cc/100 in ² /24 hr)	@ 40°F, 75% RH	4.3
		(cc/100 in ² /24 hr)	@ 40°F, 100% RH	17.8
Water Vapor Transmission Rate	F-1249	g/100 in ² /24 hr		0.75
Yield	-	sq.in./lb.		29,000
Density @ 23°C	D-1505	g/cc		0.954
Minimum Use Temp	-	°F.		-40°F.
Maximum Storage Temp.	-	°F.		90°F
Shrink Temp., Air	-	°F.		250-300°F.
Tensile Strength	D-882	psi	LD	10,000
			TD	10,000
Elongation at Break	D-882	%	LD	96.8
			TD	77.7
Modulus of Elasticity	D-882	psi @ 73°F	LD	103,000
			TD	103,000
Tear Propagation	D-1938	gms	LD	14.0
			TD	14.0

Note: These values are typical data for Bagla-Group shrink film and are not product release specifications, warranties or limiting specifications. Values are based on initial production and tests run during development of this film.

BX-UltraFresh - Linear Footage of Center Folded Shrink Film

Core I.D. (Inches)	Roll O.D. (Inches)	100gauge (Feet)
3	9 ^{1/2}	2624
3	13	5248

Note: Single Wound Film has double the linear footage of center-fold film for the same thickness (in gauge) and roll dimensions.

DISPOSAL

- Recycle (Dry or Wet processing to extrude into pellets)
- Waste to Energy (WtE) through incineration (most desirable)
- Land fill



STORAGE

- Storage below 32 degrees Celsius (90 degrees Fahrenheit) is recommended.

DISCLAIMER

Bagla® films technical data is based on reliable tests & information. Still, users should not solely rely on this advice for specific applications, as performance properties may vary based on processing conditions. Users assume this information at their own risk & independent confirmation of its validity and suitability for specific cases is recommended. Bagla Group does not guarantee results & assumes no liability in connection with its advice. This publication does not grant a license to operate or recommend patent infringement.

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