Technical Data Sheet

WrapTek

Anti-fog POF Shrink Film **Fresh**

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WrapTek Fresh is a high-quality cross-linked shrink film designed for use in fruits and vegetables 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 WrapTek Fresh, 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.

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: 11, 15, 19 microns as cross-linked.
- Single Wound Flat Film is available in custom widths from 75mm to 2540mm in 6.5mm increments.
- Center Folded Film is available in custom widths from 75mm to 1270mm in 13mm increments.
- Pouches are available in lengths of 100mm to 2000mm and openings of 100m to 1000mm.
- Center Folded Film has half the linear footage of single-wound flat film for the same thickness (in microns) and roll dimensions.

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

BRC certified

Fog - Resistance

TECHNICAL SPECIFICATIONS

Properties	ASTM Test Method	Unit	Thickness (Micron)		
			12	15	19
Haze	D1003	%	6.5	7	7.5
Gloss at 20°	D2457	GU	85	85	80
COF, Kinetic	D1894	-	0.3	0.3	0.3
Shrinkage, 102°C (216°F)--10 Min	D1204	%(area)	45	45	40
Shrink Force (100°C)	D2838	N/mm	0.023	0.027	0.03
Stiffness Modulus (avg)	D882	MPa	379	379	344
Tensile Strength (avg)	D882	MPa	96	96	96
Elongation (avg)	D882	%	130	140	160
WVTR	F1249	g/h.m^2 /24 hr	35.65	24.8	23.2
Oxygen Transmission	D3985	cc/m^2/24 hr	64.4	38.6	32.2
Co_2 Transmission	C1434	cc/m ^{2}/24 hr.	161	161	148

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.

WrapTek Fresh - Linear Footage of Center Folded Shrink Film

Core I.D. (mm)	Roll O.D. (mm)	Length (Meter)		
		12µm	15µm	19µm
76	242	1,600	1,334	1,067
76	330	3,200	2,667	2,134
152	280	1,600	1,334	1,067
152	356	3,200	2,667	2,134
152	476	7,108	5,334	4,267

Note: Single Wound Film has double the linear footage of center-fold film for the same thickness (in micron) 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 Fahrenhiet) is recommended.

ADDITIONAL INFORMATION

SHELF LIFE: The typical shelf life of our POF Shrink Films is about 5 years when stored properly.

DISCLAIMER: The technical data contained herein are guides to the use of Bagla® products. Bagla Group makes no guarantees of results and assumes no obligations or liability in connection with its advice.

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