



Looking for an economical and versatile packaging solution that delivers unmatched value and durability? WrapTek 505 is our standard non-cross-linked film engineered to make your products look their absolute best, with an exceptionally clear and glossy finish that's sure to impress. Plus, its easy-to-seal design means you can package virtually any type of product quickly and efficiently, at lower temperatures as well.

SIGNIFICANT PROPERTIES



General Properties

- Superior transparency & gloss.
- Highly cost-effective.
- Less haze when packing.
- Easy to run on most types of equipment.



Sealing Properties

- Easy to seal at lower temperatures.
- Quick dwell times.
- Superior seal strength and consistency.
- Excellent puncture-resistance.



Shrinking Properties

- Balanced shrink for tight and crisp packages.
- Excellent cleanup for tight, attractive packages.
- High shrink force conforms to irregular shapes.

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: 50, 60, 75, 100, 120, gauge.
- 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.
- 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.
- Available as hot perforated and printed options as well.

APPLICATIONS

- Retail packaging
- Industrial packaging
- Food packaging
- Beverage packaging
- Medical packaging

TECHNICAL SPECIFICATIONS

Properties	ASTM Test Method	Unit	Thickness (gauge)				
			50	60	75	100	120
Haze	D1003	%	3	3.2	3.4	3.6	3
Gloss at 20°	D2457	GU	125	115	115	115	130
COF, Kinetic	D1894	gf	0.15	0.15	0.15	0.15	0.15
Shrinkage, 102°C (216°F)--10 Min	D1204	%(area)	50	50	50	50	50
Shrink Force (100°C)	D2838	g/in	130	130	145	160	200
Stiffness Modulus (avg)	D882-80	kpsi	60	60	60	55	55
Tensile Strength (avg)	D882	kpsi	13	13	13	13	13
Elongation (avg)	D882	%	120	120	140	140	160
WVTR	F1249	g/100 in²/24hr	1.91	1.52	1.179	0.93	1
Oxygen Transmission	D3985	cc/100 in²/24hr	527	431	344	333	400
PIR Content	Internal	%	11	14	20	25	30

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 505 - Linear Footage of Center Folded Shrink Film

Core I.D. (Inches)	Roll O.D. (Inches)	Length (feet)				
		50 gauge	60 gauge	75 gauge	100 gauge	120 gauge
3	9 ^{1/2}	5,250	4,375	3,500	2,625	2,100
3	13	10,500	8,750	7,000	5,250	4,200
6	11	5,250	5,830	4,375	3,500	2,625
6	14	10,500	11,660	8,750	7,000	5,250
6	18 ^{3/4}	21,000	23,320	17,500	14,000	10,500

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 Group 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.

Head Office

- New Delhi

Factories

- 3 in Mundra, India
- 1 in Kolkata, India
- 1 in Dadri, India
- 1 in Ciudad del Este, Paraguay
- 1 in Surabaya, Indonesia

Domestic Sales Office

- Delhi • Mumbai • Kolkata • Cochin
- Bangalore • Hyderabad • Chennai • Bhopal

Key Markets

- USA • Canada • Mexico • Germany
- UK • France • Italy • Spain
- Poland • Brazil • Argentina • Australia

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