Technical Data Sheet

WrapTek

Opaque POF Shrink Film **Opaque**

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WrapTek Opaque is the perfect solution for products that require privacy or security during transportation or storage. With its opaque properties, the packed product is almost completely concealed, maintaining its confidentiality, and eliminates the cost of cartons and fillers. When it comes to protecting your products from dust and moisture, and ensuring their privacy, WrapTek Opaque is a great choice!

SIGNIFICANT PROPERTIES

General Properties

- Attractive colours: White, Grey, and Brown.
- Blocks nearly 100% of UV light.
- Ensures confidentiality of the product (up to 90% opacity).
- Can be printed or used with labels.

Sealing Properties

- Ensures strong & durable seals.
- Operates on a wide sealing temperature range.
- Requires little or no cooling dwell time.
- Compatible with most sealing machines.

Shrinking Properties

- Excellent cleanup for tight, attractive packages.
- High shrink force conforms to irregular shapes.
- Exceptional bundling capabilities.
- Excellent resistance to burn-through.

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, 150 gauge as cross-linked and non-cross linked variants.
- Single Wound Flat Film is available in custom widths from 3” to 80” in 1⁄4” increments.
- Center Folded Film is available in custom widths from 3” to 40” 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.
- Can be available with printing option as well.

APPLICATIONS

- Expensive products such as jewellery, electronics, etc.
- Confidential official documents, catalogues, etc.
- Pharmaceuticals and supplements.
- E-commerce shipping products.

TECHNICAL SPECIFICATIONS

Properties	ASTM Test Method	Unit	Thickness (gauge)	
			100	150
Haze	D1003	%	5.0	5.2
Gloss at 20°	D2457	GU	110	100
COF, Kinetic	D1894	-	0.2	0.2
Transmittance	D1003-13	%	5.5	2.5
Shrink Force (100°C)	D2838	g/in	105	185
Stiffness Modulus (avg)	D882	kpsi	41	41
Tensile Strength (avg)	D882	kpsi	18	18
Elongation (avg)	D882	%	125	125
WVTR	F1249	g/100 in^2 /24 hr	0.45	0.45
Oxygen Transmission	D3985	cc/100 in^2/24 hr	874	580

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 Opaque - Linear Footage of Center Folded Shrink Film

Core I.D. (Inches)	Roll O.D. (Inches)	Length (feet)	
		100 gauge	150 gauge
3	$9^{1/2}$	2,635	1,750
3	13	5,250	3,500
6	11	2,635	1.750
6	14	5,250	3,500
6	$18^{3/4}$	10,500	14,000

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.

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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