

OPA PlainFilm

| **AT_r**

CAPRAN®



BOPA film, retortable, corona treated on one side.

Description

Transparent biaxially oriented retortable-grade film, treated on one side, which provides printing and adhesion properties. The polyamide base resin provides excellent oxygen barrier properties, ensuring protection and integrity of the packaged products. The corona treatment is located on the outside face of the reel.

Main Characteristics

- Good barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- Excellent toughness and puncture resistance.
- High flex-crack resistance.
- Excellent transparency and gloss.
- High yield due to its low specific weight.

Applications

Retortable grade, used as the middle layer in triplex or quadruplex laminations for retortable flexible packaging that must withstand demanding sterilization conditions. These packages replace canned food containers and are used to pack tuna, fish, ready meals and other products. It complies with FDA and EU regulations for food contact.

* Important Considerations

*It is recommended to store this material at conditions not exceeding 30°C, in a place without exposure to sunlight and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with plastic overwrap when not in use.

*The information in this data sheet is based on tests carried out in our laboratories and is intended to be used for reference only, and does not constitute a specification. Therefore, should not be construed as a guarantee of performance. It is the responsibility of the user to carry out the necessary tests to guarantee its use for the intended applications.

*This product complies with FDA and EU regulations. For more information, please visit our website: <https://www.obengroup.com/en/doc-regulatorios/>

Standard
Dimensions *

*For specific batch sizes, widths, or outside diameters, please contact your sales representative.

Film Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Ø Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
ATr 15 TN	0.59	40,500	14 to 85	6"	85,000	25.19	Outside
ATr 25 TN	0.98	24,300			51,200		

Typical Values
of Physical
Properties **

**Information and data presented in this data sheet is intended to be used as general guidelines. Physical properties specifications are available upon request.

Property		Unit	Testing Method	Thickness in Mils	
				0.59	0.98
Haze	-	%	ASTM D1003	2.5	4.0
Gloss 45°			ASTM D2457	100	
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.40	
Tensile Strength	DM	lb/in²	ASTM D882	34,900	
	DT			45,000	
Elongation at Break	DM	%		110	
	DT			80	
Secant Modulus 2%	DM	lb/in²		503,300	
	DT			423,600	
Surface Tension	T	dyn/cm	ASTM D2578	58	
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-	cm³/(100 in².day)	ASTM D3985	4.0	2.0

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