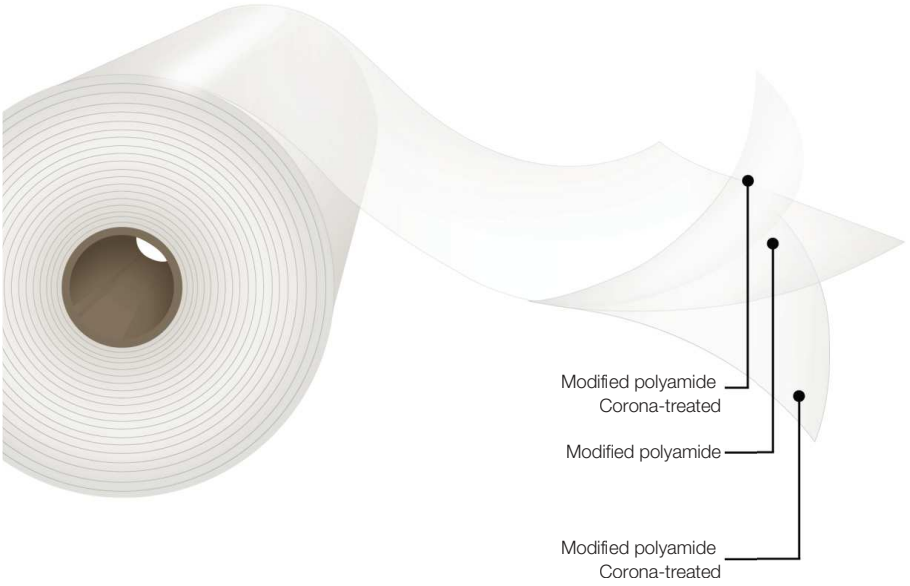
BOPA Film PCR Grade*

OPA Plain Film

ATq-TT

CAPRAN®



Two side corona-treated

*Polyamide film certified by mass balance according to the SCS Recycled Content Standard V8.0 by SCS Global Services. Certificate Link.

Description

Bi-oriented transparent film, providing printing and adhesion properties. The base raw material, 100% of polyamide, comes from post-consumer content of chemical recycling, offers excellent oxygen barrier properties, ensuring the protection and integrity of packaged products. The corona-treated is located on both side of the reel.

Main Characteristics

- Ecological and sustainable film focused on the circular economy.
- Reduced environmental footprint.
- Maintains the same performance and efficiency as conventional film.
- High barrier to oxygen and aromas.
- Excellent mechanical properties at high and low temperatures.
- High resistance to flex cracking.
- Excellent transparency and gloss.

Applications

Treated on both sides, is used as an intermediate layer in multiple laminations. Recommended for packaging needing mechanical and/or chemical protection, used for products with migratory components like tomato sauces, ketchup, and mustard, also serving as a barrier to oils and fats. It complies with FDA and UE 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/documents.

Standard Dimensions *

*This product has lot size and width restrictions. Please consult your sales representative.

Film Code	Thickness (µm)	Unit Weight (g/m²)	Width (mm)	Core Size	760 mm Φ Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	
ATq 10 TT	10.0	11.8	400 to 2,000	6"	38,200	4.5	Both
ATq 12 TT	12.0	14.2			31,800		
ATq 15 TT	15.0	17.7			25,500		
ATq 20 TT	20.0	23.6			19,100		
ATq 25 TT	25.0	29.5			15,300		

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 Microns				
				10.0	12.0	15.0	20.0	25.0
Haze	-	%	ASTM D1003	2.5			3.5	4.0
Gloss 45°			ASTM D2457	100				
Coefficient of Friction - Kinetic	TE/TE	-	ASTM D1894	0.35				
	TI/TI			0.40				
Tensile Strength	DM	N/mm²	ASTM D882	240				
	DT			310				
Elongation at Break	DM	%		110				
	DT			80				
Secant Modulus 2%	DM	N/mm²		3,470				
	DT			2,920				
Surface Tension	TE	dyn/cm	ASTM D2578	58				
	TI			54				
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	cm3/(m².d)	ASTM D3985	75	62	55	39	28

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Notes: DM - Machine Direction | DT - Transverse Direction | TE - Treated Outside | TI - Treated Inside