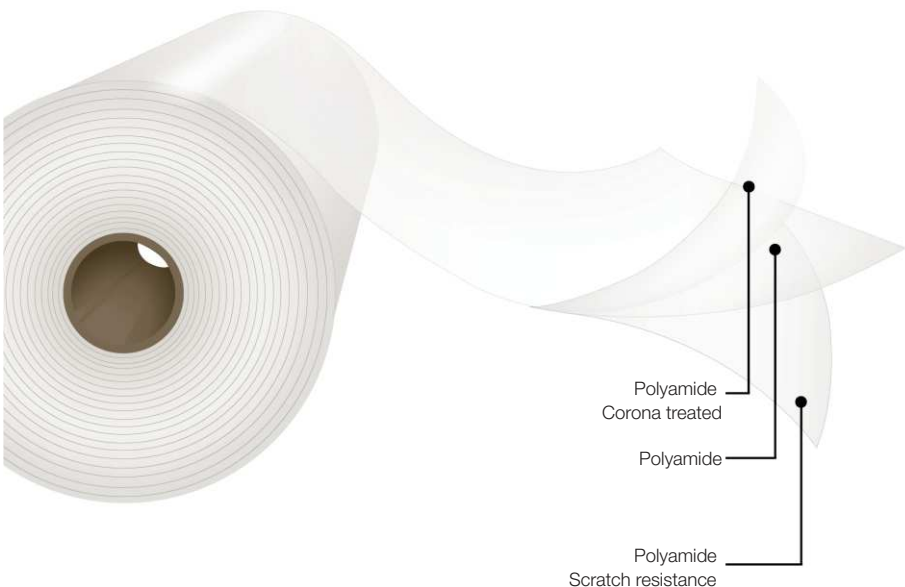


BOPA Film

OPA PlainFilm



CAPRAN®



High scratch resistance, one side corona treated

Description

Transparent film with corona treatment on one side and outstanding scratch resistance on the reverse side. The base raw material is modified polyamide with improved clarity and resistance.

Main Characteristics

- Outstanding scratch resistance.
- Excellent toughness.
- Excellent clarity and gloss.
- Excellent flatness and dimensional stability.

Applications

Very high clarity and transparency film used in graphic applications where high scratch resistance is required, such as thermolamination with high quality paper for soft covers of books and others. It meets FDA and EU regulations for food contact.

* Important Considerations

* It is recommended to store this material at conditions not exceeding 30°C, under shade and with a relative humidity of 60%. To protect against humidity and avoid film blocking, rolls should stay covered with the plastic overwrap when not in use

* The information in this data sheet is based on tests carried out in our laboratories and it 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 detailed information about our technical and regulatory documents, please visit our website: <https://www.obengroup.com/en/documents>

Standard Dimensions *

Film Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	30" Φ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
ATg 10	0.39	59,600	14 to 85	6"	125,400	25.19	Outside
ATg 12	0.47	49,700			104,400		

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

Typical Values of Physical Properties **

Property	Unit	Testing Method	Thickness in Mils		
			0.39	0.47	
Haze	-	ASTM D1003	2.5		
Gloss 45°		ASTM D2457	100		
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.8		
Tensile Strength	DM	ASTM D882	34,900		
	DT		45,000		
Elongation at Break	DM		110		
	DT		80		
Secant Modulus 2%	DM		551,200		
	DT		449,700		
Shrinkage (320 °F, 5 min)	DM		ASTM D1204	1.5	
	DT			1.2	
Surface Tension	T		ASTM D2578	58	
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-		ASTM D3985	4.8	4.0

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

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