

## BOPA Film

## OPA BarrierFilm



## OXYSHIELD®



*Corona treated outside, high barrier to oxygen*

### Description

Bioriented nylon film with high barrier to oxygen. The corona treatment is located on the outer side 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 resistance to “Flex crack”.
- Excellent brightness and transparency.
- High performance due to its low specific gravity.

### Applications

High barrier to oxygen, can be print on treated face and then laminate with other substrate used as sealing layer. Is used in packing that requires a high oxygen barrier, OTR <4/m2/24hrs., in “doy pack” for mayonnaises, containers for fish, seafood, dairy products, processed meats and pastas shelf of these products.,The film of 12u is especially recommended for use in greeting balloons (helium).

#### \* 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 \*

Film Code	Thickness (mils)	Yield (in <sup>2</sup> /lb)	Width (in)	Core Size	30" $\Phi$ Outside Diam.		Treatment
					Length (ft)	Weight (lb/in)	
AV 12	0.47	49,700	15 to 80	6"	104,400	25.19	Outside

\*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
			0.47
Haze	-	ASTM D1003	5
Gloss 45°	%	ASTM D2457	100
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.4
	T/T		0.45
Tensile Strength	DM	ASTM D882	34,900
	DT		45,000
Elongation at Break	DM	ASTM D882	110
	DT		80
Secant Modulus 2%	DM	ASTM D882	503,300
	DT		423,600
Surface Tension	T	ASTM D2578	58
	N		48
Oxygen Transmission Rate (73.4 °F, 0 % R.H.)	-	ASTM D3985	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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