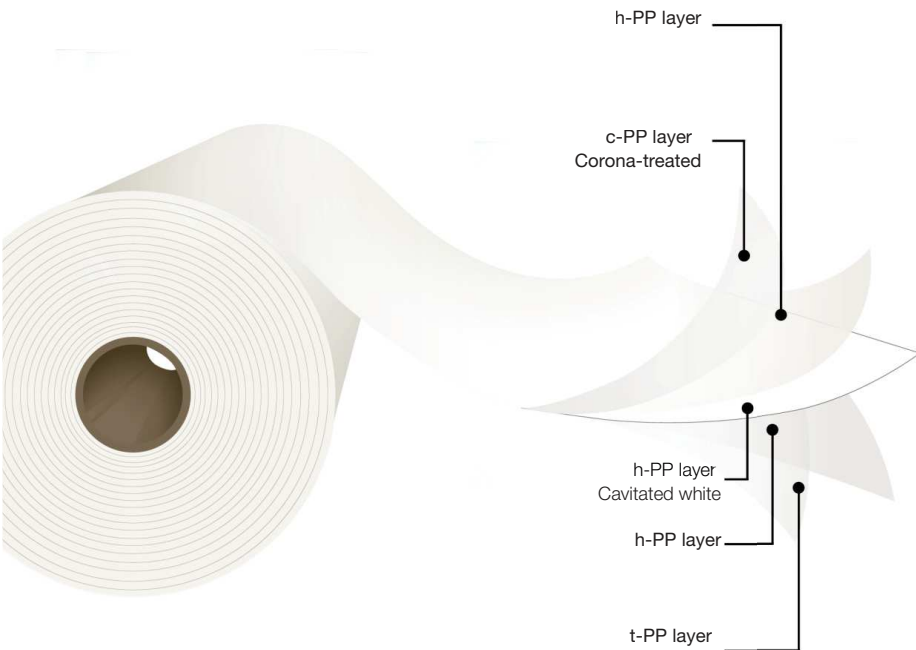


Multilayer BOPP Film

OPP VoidFilm



Cavitated white, heat-sealable on both sides, corona treated on one side

Description

Five-layer film with controlled cavitation and white pigmentation. This film contains a migratory/non-migratory sliding and antistatic additive package that provides excellent machinability. The untreated side offers a wide sealing range. The corona treatment is on the outer side of the film.

Main Characteristics

- Optimized cavitation.
- Excellent whiteness.
- Corona treated side for ink and adhesive application.
- Wide seal range.
- Good flatness and dimensional stability.

Applications

This film is designed to be used in a wide variety of converting processes for food and industrial packaging as a monolayer or in laminated structures. Its structure provides high opacity, excellent whiteness and high gloss. This material 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/documents>

Standard Dimensions *

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

Film Code	Thickness (µm)	Unit Weight (g/m ²)	Width (mm)	Core Size	570 mm Ø Outside Diam.		760 mm Ø Outside Diam.		Treatment
					Length (m)	Weight (kg/cm)	Length (m)	Weight (kg/cm)	
VC 25 TN	25.0	17.5	400 to 2,000	3" & 6"	8,300	1.45	16,500	2.88	Outside
VC 30 TN	30.0	21.0			7,000		13,800		
VC 35 TN	35.0	24.5			6,000		11,800		
VC 40 TN	40.0	28.0			5,200		10,300		
VC 43 TN	43.0	30.1			4,900		9,600		

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				
			25.0	30.0	35.0	40.0	43.0
Light Transmission	-	ASTM D1003	35	30	25	22	19
Gloss 45°	-	ASTM D2457	80				
Coefficient of Friction - Kinetic	N/N	ASTM D1894	0.30				
	T/T		0.30				
Tensile Strength	DM	ASTM D882	80				
	DT		180				
Elongation at Break	DM		150				
	DT		40				
Secant Modulus 2%	DM		1,700				
	DT	3,000					
Surface Tension	-	ASTM D2578	38				
Heat Seal Initiation Temperature	-	ASTM F2029	105				
Seal Strength (140°C, 40 psi, 1s)	N/N	ASTM F88	3.5				
Water Vapor Transmission Rate (38 °C, 90 % R.H.)	-	ASTM F1249	6.5	5.6	5.1	4.8	4.7
Oxygen Transmission Rate (23 °C, 0 % R.H.)	-	ASTM D3985	2,200	1,800	1,700	1660	1,600

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