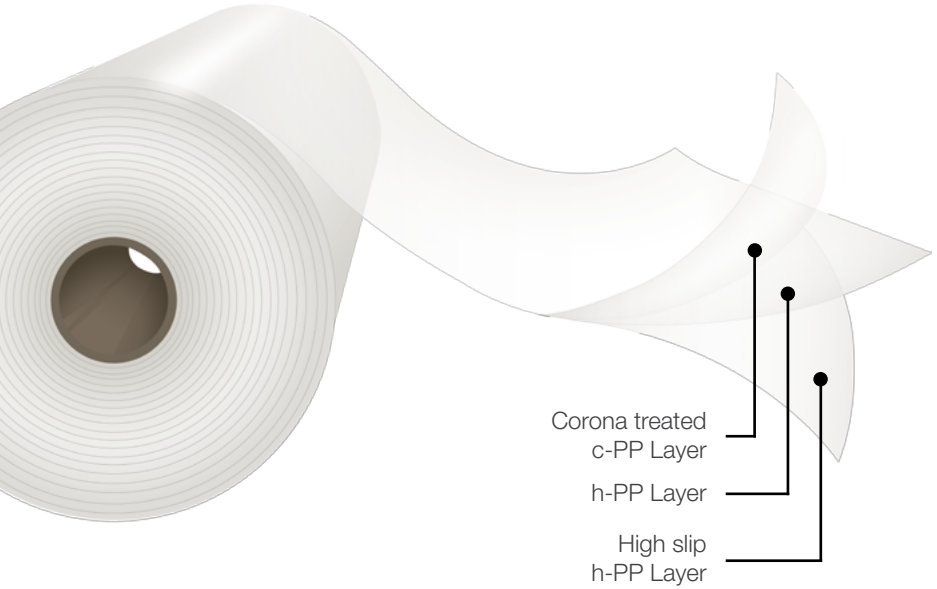
Plain BOPP Film for Laminations

One side corona treated, high slip



Opp Plain Film

L H

Description

Opp Plain Film delivers high transparency and excellent gloss due to its homopolymer layer. It is formulated with PP copolymer in one face to provide excellent lamination bonds. This film contains a combined migratory / non-migratory additive package of slip and antistatic agents for high slip level and low static generation. The corona treated copolymer face is located on the outside face of the reel.

Main Characteristics

- High transparency and gloss.
- Excellent scratch resistance.
- Good thermal resistance. Non sealable film.
- Outstanding flatness and dimensional stability.
- Corona treated outside.
- High slip performance.

Applications

This film is designed to be used in a great variety of laminations in the graph art as well as in the flexible packaging markets and in combination with paper or other plastic substrates. As an outer web, this film confers excellent scratch resistance, allowing the final product to maintain high gloss throughout its useful life. It meets FDA regulations for direct food contact. This film has good heat resistance for laminated structures which require high heat sealing loads to build the packages.

* Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow 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 is intended to be used for reference only. It should not be construed as a guarantee of performance. It is recommended that the user exceutes the necessary tests to ensure adequate performance for the intended applications.

Standard Dimensions*

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

OppFilm Code	Thickness (mils)	Yield (in^2/lb)	Width (in)	Core Size	22½" Φ Outside Diam.		30" Φ Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	Length (ft)	Weight (lb/in)	
L H 12	0.49	62,200	15 to 80	3" & 6"	60,700	10.58	112,500	21.10	Outside
L H 15	0.59	51,800			49,000		90,900		
L H 17	0.69	44,400			41,700		76,900		
L H 20	0.79	38,900			36,400		67,400		
L H 25	0.98	31,100			29,200		54,100		

Typical Values of Physical Properties *

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

Property		Unit	Testing Method	Thickness in mils				
				0.49	0.59	0.69	0.79	0.98
Haze		%	ASTM D1003	1.0			1.5	
Gloss @ 45°		%	ASTM D2457	95				
Coefficient of Friction - Kinetic	T/T	-	ASTM D1894	0.20				
	NT/NT			0.20				
Tensile Strength	MD	lb/in^2	ASTM D882	18,100				
	TD			36,300				
Elongation at Break	MD	%		180				
	TD			50				
Secant Modulus @ 2%	MD	lb/in^2		247,000				
	TD			435,000				
Surface Tension		dyne/cm	ASTM D2578	38				
Water Vapor T. R. @ 100 °F, 90% R. H.		g/(100 in^2.day)	ASTM F1249	0.65	0.55	0.45	0.40	0.35
Oxygen T. R. @ 73 °F, 90% R. H.		cm^3/(100 in^2.d)	ASTM D3985	225.8	187.1	154.8	141.9	116.1

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Notes: MD - Machine Direction | TD - Transverse Direction | NT - Non Treated Side | T - Corona Treated Side