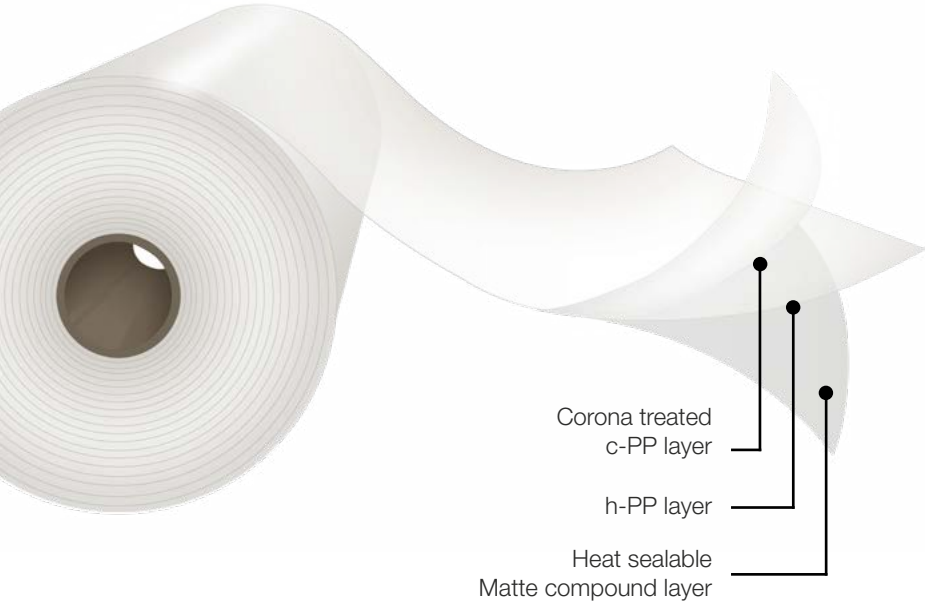
Matte BOPP Film for Laminations

Two side heat sealable, one side corona treated, one side matte



Opp Matte Film

S D

Description

Opp MatteFilm presents a non-glossy matte finish on the untreated side which does not affect its transparency. The matte side is heat sealable. It contains a combined migratory / non-migratory slip and antistatic package for high slip level and low static generation.

Main Characteristics

- Heat sealable matte side suitable for overlap seals.
- Outstanding slip and antistatic properties.
- Corona treated face suitable for good bonds to inks and adhesives.
- Excellent flatness and dimensional stability.

Applications

This product is designed to be used in a great variety of converting processes for the food and industrial packaging, as a mono-web or in laminations. Due to its matte side sealing properties, it is suitable for overlap seals. The combination of a minimum-gloss matte surface, excellent contact clarity and a very good scratch resistance confers a protective and non-reflective surface that enhances the reverse printing designs. It meets EU and FDA 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.

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	30" Φ Outside Diam.		Treated Face
					Length (ft)	Weight (lb/in)	
S D 17	0.69	44,400	15 to 80	3" & 6"	74,100	20.24	Outside
S D 20	0.79	38,900			64,600		
S D 25	0.98	31,100			52,200		
S D 30	1.18	25,900			43,300		

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			
				0.69	0.79	0.98	1.18
Gloss @ 45°	N	%	ASTM D2457	8.0			
Coefficient of Friction - Kinetic	N/N	-	ASTM D1894	0.30			
Tensile Strength	MD	lb/in^2	ASTM D882	18,100			
	TD			34,800			
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			
Heat Seal Initiation Temperature	N/N	°F	ASTM F2029	240			
	T/T			255			
Seal Strength @ 266°F, 40 psi, 1 s	N/N	g/in	ASTM F88	410	460		510
Water Vapor Transmission Rate @ 100 °F, 90% R. H.		$g/(100\ in^2.day)$	ASTM F1249	0.45	0.40	0.35	0.30
Oxygen Transmission Rate @ 73 °F, 90% R. H.		$cm^3/(100\ in^2.d)$	ASTM D3985	154.8	141.9	116.1	103.2

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Notes: MD - Machine Direction | TD - Transverse Direction | N - Untreated Side | T - Corona Treated Side