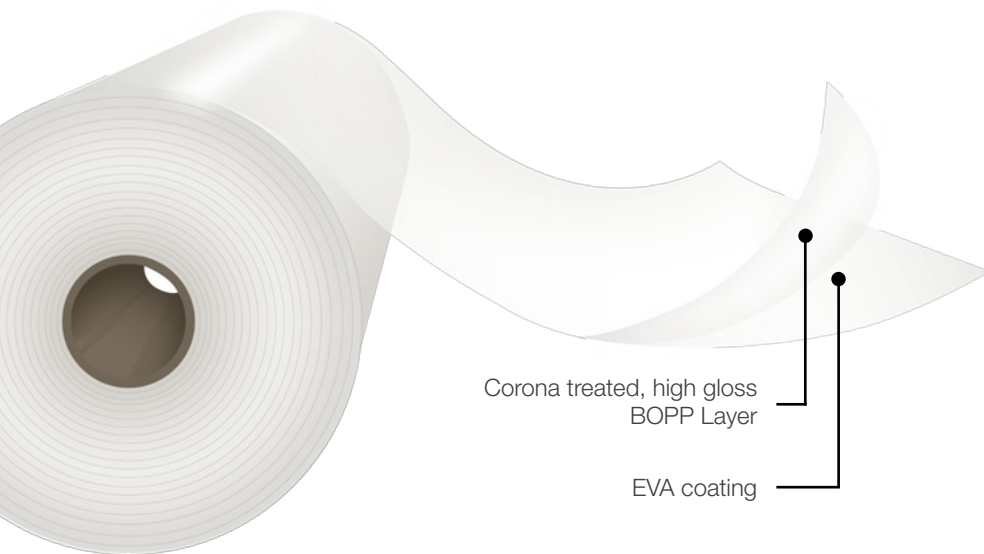


Glossy BOPP Film

*Corona treated outside,
EVA coating inside.*



Description

Opp ThermoFilm H-TV is composed of a BOPP substrate with high gloss and excellent transparency and EVA coating applied by extrusion. This coating provides an excellent adhesion to paper in heat laminating processes. This product has corona treatment in the BOPP side to allow application of different varnishes.

Main Characteristics

- Excellent coating uniformity, producing very good and consistent adhesion to printed or unprinted paper
- Confers excellent glossy appearance to laminated products
- Provides protection to usage and humidity
- Environmental friendly and safe as it does not produce any fumes or VOC's during its processing
- Corona treated to provide good adhesion to UV coatings and Hot stamping on the BOPP face

Applications

This product is designed to be employed as an over-laminate to protect paper and cardboard with glossy appearance. The corona treatment in the BOPP side produces good adhesion to UV varnishes. Given the good thermal resistance of this product, it can be hot-stamped. The film is used in applications such as book and notebook covers, posters, boxes, paper, display panels and bags among others.

Opp ThermoFilm H-TV

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*Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%.

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

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

PolyFilm Code	Thickness (mils)	Yield (in ² /lb)	Width (in)	Core Size	22" Ø Outside Diam.		Coated Side
					Length (ft)	Weight (lb/in)	
RH 1506 TV	0.83	36,300	10 to 40	3"	10,700	3.53	Inside
RH 1508 TV	0.91	33,100			9,900		
RH 1510 TV	0.98	30,500			9,200		
RH 1512 TV	1.06	28,200			8,600		
RH 1513 TV	1.10	27,200			8,200		
RH 1710 TV	1.06	28,200			8,600		

Typical Values of Physical Properties*

*Information presented in this data sheet is intended to be used as general guidelines and not as technical specifications.

Property	Unit	Testing Method	Thickness in mils					
			0.83	0.91	0.98	1.06	1.10	1.06
Haze	%	ASTM D1003	1.5					
Gloss @ 45°	%	ASTM D2457	75					
Coefficient of Friction - Kinetic	NC/NC	-	ASTM D1894					
Tensile Strength	MD	ASTM D882	18,100					
	TD		34,100					
Elongation at Break	MD		180					
	TD		50					
Secant Modulus @ 2%	MD		261,000					
	TD		435,000					
Surface Tension	NC	dyne/cm	ASTM D2578					
Heat Seal Initiation Temperature (1.96 N)	C/C	°F	ASTM F88 ASTM F2029A @ 40 psi					
Peel Strength @ 265 °F	C/Paper	g/in	OHG 037					
Water Vapor T. R. @ 100 °F, 90% R. H.		g/(100 in ²)/day	0.7		0.6		0.5	

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