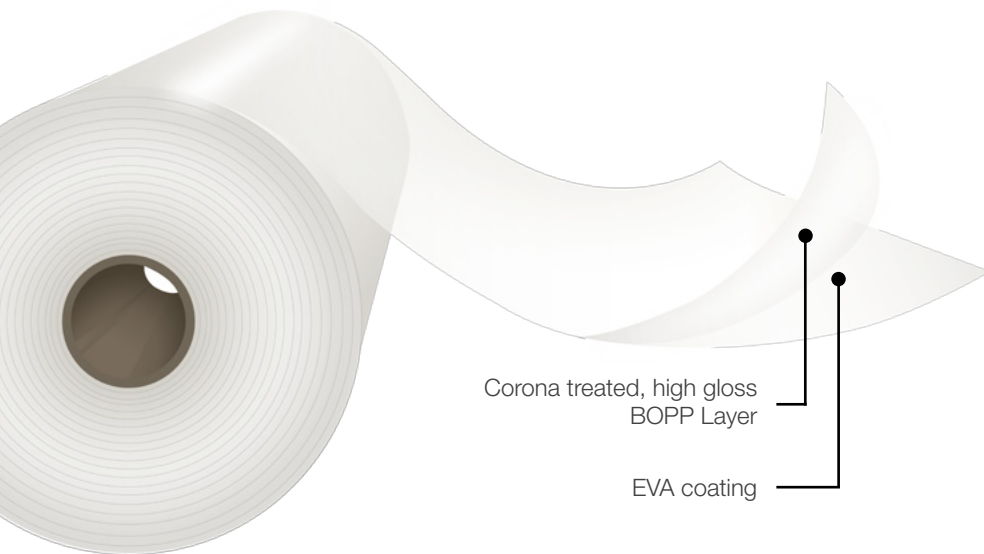


## Glossy BOPP Film

*Corona treated outside,  
EVA coating inside.*



**Opp ThermoFilm H-TV**

**RH - TV**



## 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.

### \*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 (µm)	Unit Weight (g/m <sup>2</sup> )	Width (mm)	Core Size	320 mm Φ Outside Diam.		Coated Side
					Length (m)	Weight (kg/cm)	
RH 1506 TV	21.0	19.4	250 to 1000	3"	3,250	0.63	Inside
RH 1508 TV	23.0	21.2			3,010		
RH 1510 TV	25.0	23.1			2,810		
RH 1512 TV	27.0	24.9			2,610		
RH 1513 TV	28.0	25.8			2,510		
RH 1710 TV	27.0	24.9			2,610		

## 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 microns					
			15-06	15-08	15-10	15-12	15-13	17-10
Haze	%	ASTM D1003	1.5					
Gloss @ 45°	%	ASTM D2457	75					
Coefficient of Friction - Kinetic	NC/NC	-	ASTM D1894					
Tensile Strength	MD	N/mm <sup>2</sup>	125					
	TD		235					
Elongation at Break	MD	%	180					
	TD		50					
Secant Modulus @ 2%	MD	N/mm <sup>2</sup>	1,800					
	TD		3,000					
Surface Tension	NC	dyne/cm	ASTM D2578					
Heat Seal Initiation Temperature (1.96 N)	C/C	°C	ASTM F88 ASTM F2029A @ 40 psi					
Peel Strength @ 130 °C	C/Paper	N/25 mm	OHG 037					
Water Vapor T. R. @ 38 °C, 90% R. H.		g/m <sup>2</sup> /day	ASTM F1249		10.0	9.0	8.0	

Opp ThermoFilm H-TV

# RH - TV