



ThermoFilm

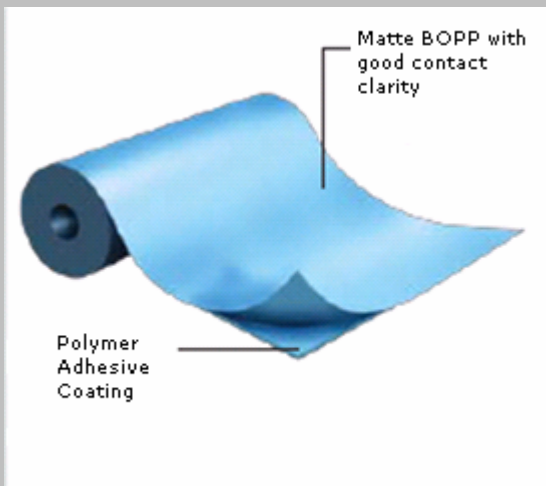
BOPP Matte Film for

Heat Laminations



Description

The ThermoFilm RHV is composed of a BOPP matte substrate with no gloss and excellent contact transparency and a polyethylene copolymer 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.



Applications

This film is designed to be used as an over-laminate to protect paper and cardboard. It has a matte appearance on the BOPP side in order to enhance the graphic art it protects. The corona treatment in the BOPP side produces very 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.

Standard Dimensions

Product Code	Thickness (µm)	Unit Weight (g/m ²)	Widths* (mm)	Paper Core	Outside Diameter	Length (m)	Coating
RDV1710	27.0	24.7	250, 300, 350, ... 1000	3"	320 mm	2,600	Inside

*Special widths up to 1,600 mm. Please consult your sales representative.

Main Characteristics

- Excellent coating uniformity, producing very good and consistent adhesion to printed or unprinted paper
- Matte appearance to enhance the images of the 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 excellent adhesion to UV coatings and hot stamping on the BOPP face



Typical Values of Physical Properties *

Property		Unit	Testing Method	Code
				1710
Total Thickness		µm	OPP-101	27
Adhesive Thickness		µm	OPP-101	10
Gloss @ 45°	F	%	ASTM D2457	10
Kinetic Coeficiente of Friccion (F/F)	F/F	-	ASTM D1894	0.20
Surface Tension	F	dyne /cm	ASTM D2578	40
Laminating Temperature	C	°C	OPP-102	100
Lamination Bond Strength @ 120°C	C	N/25mm	ASTM F88 40 psi, 0.5 s	6.5

NOTES

C Coated Side
F Film Side

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

Important Considerations

- It is recommended to store this material at conditions not exceeding 30°C in temperature, at shadow and with a relative humidity of 60%