

Data Sheet

Descripcion

A chemical treated biaxially oriented polyester (BOPET), with metallized layer sandwiched in between and low melting coated layer on the other side for thermal lamination purposes. The film is glueable, stampable, and printable.

Application

PVT film is specially designed to enhance performance in paper or board lamination using thermal lamination process. PVT film provides silver, glossy, and shiny look to improve appearance when laminated onto paper or cardboard and offers a very high quality image to book covers, corporate brochures, posters and magazines.

Features

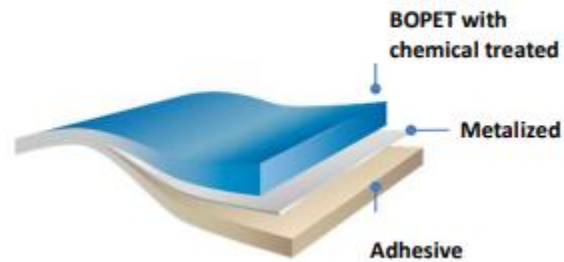
Metallic silver appearance
Excellent ink adhesion and bond strength
Glueable, stampable, and printable

Treatment

Available on both sides

Standard Thickness

25 microns (1.0 mil)



Properties	Typical Values 25 mic (SI)	Typical Values 1.0 mil (Eng)	Testing Methods
Mechanical			
Tensile Strength	250 (MD) - 250 (TD) N/mm ²	36,250 (MD) - 36,250 (TD) lb/in ²	ASTM D 882
Elongation	115 (MD) - 125 (TD) %	115 (MD) - 125 (TD) %	ASTM D 882
Physical			
Yield	34.5 m ² /kg	24,256 in ² /lb	Internal method
Gloss 60°	550	550	ASTM D 2457
Thermal			
Recommended lamination temp.	105 ± 10 °C	221 ± 18 °F	
Thermal Shrinkage	2.0 (MD) - 0.5 (TD) %	2.0 (MD) - 0.5 (TD) %	ASTM D 1204, 120°C, 2 min
Miscellaneous			
Surface Tension (Adhesive)	42 dyne/cm	42 dyne/cm	ASTM D 2578
Surface Tension (Film side)	36 dyne/cm	36 dyne/cm	ASTM D 2578

Standard reel winding: adhesive layer inside

For optimum performance, the film should be used within eight months after product date

Tensile strength and elongation value based on BOPET base film properties