

White Matte/Matte PETG Film

SUSTAINABILITY

Giving our customers more environmentally friendly plastic alternatives

PRINTABILITY

Designed with offset printers in mind, our white PETG film is two side printable via offset lithography

DURABILITY

PETG is becoming a more popular choice for plastic cards due to its high mechanical and flexural strength



- Hop Industries is pleased to introduce our white matte/matte PETG film for printing and laminating.
- Our multi-layered construction provides a heat sealable layer on both sides of the sheet.
- Designed for use in the 60/40 card industry, our white PETG offers exceptional printing and laminating characteristics.
- Our white PETG film is two side printable via offset lithography.

In an effort to produce a more durable, longer lasting plastic card, printers are beginning to explore new and alternative materials as part of their card constructions. One of these new material options is PETG, which is becoming a more widely used material especially in 60/40 card constructions and dye sublimation printers. The high heat resistance that PETG exhibits makes it an ideal substrate since it can withstand the high temperatures involved in the dye sublimation process. Additionally, the PETG material will be able to run through the card lamination process without any risk of heat distortion or bowing. The PETG material is also a more environmentally friendly alternative than traditional card substrates such as rigid PVC. These facts combined with its high mechanical and flexural strength, make PETG an ideal material choice for plastic card manufacturers.

Property	Test Method	Typical Values
Thickness (mils)	**	6.0 ~ 23.5 (sheet)
Thickness tolerance	ASTM-D1593	± 3%
Width Tolerance	**	± 1/16" (sheet)
White Brightness	ASTM-E513	85.1
Optical Density		1.41
Specific Gravity	ASTM-D792	1.331
Dyne Level	ASTM-D1003	40-42
Roughness Average	JIS-B0601	63-78 (CR4)
Roughness Average	JIS-B0601	52-63 (CR5)
Vicat Softening Temp	ASTM-E1525	72.7°C
Folding Endurance		1,112 (MD)
Folding Endurance		676 (CD)
Dimensional Stability	JIS-K6734	-13.0 (MD)
Dimensional Stability	JIS-K6734	+2.0 (CD)
Tensile Strength (MD)	ASTM-D638	471 (kg/cm ²)
Tensile Strength (CD)	ASTM-D638	409 (kg/cm ²)
Elongation @ Yield	ASTM-D638	281% (MD)
Elongation @ Yield	ASTM-D638	260% (CD)

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