

FEATURES

- Clear plastic polyethylene terephthalate glycol (PETG) sheet
- Very good chemical resistance
- Easily screen printed/vacuum formed
- Length of 1.2 m
- Width of 620 mm
- Thickness of 3 mm
- Density of 1.27g/cm³
- 78 rating on Shore D hardness scale
- Water absorption rate of 0%
- High impact strength between -29°C and +65°C
- Flammability rating of UL 94 HB
- FDA approved
- Easy To Weld

Clear Plastic Sheet, 1200mm x 620mm x 3mm

RS Stock No.: 334-6466



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This transparent plastic sheet is perfectly suited for packaging. It's made from a tough thermoplastic polyester with good optical clarity, so you can see through it. It's also easy to weld or vacuum form to your required shape, and it can be screen-printed for labelling.

The glycol-modified polyethylene terephthalate material has a Shore D 78 hardness rating and 0% water absorption, so it can withstand high-impact knocks and drops and keep packaged contents free from moisture. It retains these benefits even at extremely low temperatures.

General Specifications

Colour	Clear
Material	PETG Plastic Polyethylene Terephthalate Glycol
Laminated	No
Flammability Rating	UL 94 Class HB
Form	Full
Applications	Bottles for drinks

Mechanical Specifications

Length	1.2m
Width	620mm
Thickness	3mm
Density	1.27g/cm ³
Hardness	78 Shore D
Water absorption	0%
Elongation	50%

Operation Environment Specifications

Maximum Operating Temperature	+65°C
High Impact Strength	-29°C and +65°C

Approvals

Compliance/Certifications	UL 94 HB, FDA Approved, RoHS Compliant
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Max. Service Temp. (Long Term)	65°C
Elongation at Break	50%
Density g/cm ³	1.27
Hardness (Rockwell-Shore D)	R115
Water Absorption	0%