

## 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 4 mm
- Density of 1.27g/cm<sup>3</sup>
- 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 4mm

RS Stock No.: 334-6472



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 tough, transparent thermoplastic polyester sheet is an ideal packaging material. It's easy to weld, screen print and vacuum form into the desired shape.

The polyethylene terephthalate glycol (PETG) sheet is both versatile and durable. It is rated 78 on the Shore D hardness scale, meaning it can withstand high-impact knocks and drops, even at extremely low temperatures. The sheet also has a 0% water absorption rate, ensuring packaged products remain safely sealed from moisture.

### General Specifications

<b>Colour</b>	Clear
<b>Material</b>	PETG Plastic Polyethylene Terephthalate Glycol
<b>Laminated</b>	No
<b>Flammability Rating</b>	UL 94 HB
<b>Applications</b>	Bottles for drinks

### Mechanical Specifications

<b>Length</b>	1.2m
<b>Width</b>	620mm
<b>Thickness</b>	4mm
<b>Density</b>	1.27g/cm <sup>3</sup>
<b>Hardness</b>	78 Shore D
<b>Water absorption</b>	0%
<b>Elongation</b>	50%
<b>Impact Strength</b>	-29°C and +65°C

### Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+65°C
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## Approvals

### Compliance/Certifications

UL 94 HB, FDA Approved, RoHS Compliant