

## FEATURES

- Clear plastic polyethylene terephthalate glycol (PETG) sheets
- Very good chemical resistance
- Easily screen printed/vacuum formed
- Length of 1.25 m
- Width of 1.25 m
- Thickness of 6 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, 1250mm x 1250mm x 6mm

RS Stock No.: 704-8185



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 easy-to-weld, vacuum-formable clear plastic sheet is perfect for all your packaging needs. Made from a tough, transparent thermoplastic polyester, it provides excellent optical clarity, so you can see what's inside, and is easily screen-printed for clear labelling.

The polyethylene terephthalate glycol (PETG) sheet features a rating of 78 on the Shore D hardness scale, as well as high resistance to chemicals and 0% water absorption. That means it can protect products from high-impact knocks and drops, moisture, and damage from chemical and solvent spills. The glycol-modified polyethylene terephthalate continues to perform in temperatures as low as -29°C.

### 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>Form</b>	Full
<b>Applications</b>	Packaging applications, Bottles for drinks

### Mechanical Specifications

<b>Length</b>	1250mm
<b>Width</b>	1250mm
<b>Thickness</b>	6mm
<b>Density</b>	1.27g/cm <sup>3</sup>
<b>Hardness</b>	78 Shore D
<b>Water absorption</b>	0%
<b>Impact Strength</b>	-29°C and +65°C

### Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+65°C
--------------------------------------	-------

## Approvals

Compliance/Certifications	UL 94 HB, FDA Approved, RoHS Compliant
---------------------------	--