



# Polyethylene Terephthalate Glycol PET-G

PET-G sheet offers superior impact strength over acrylic and maintains many of the advantages of Polycarbonate. It has a lower temperature rating than polycarbonate making it more suitable for forming and fabricating parts. It is also easier to weld and unlike Polycarbonate, does not absorb moisture which can cause issues when forming. PETG sheet is easy to machine, weld and bond and is food contact safe making it popular for machine guards and transfer chutes in the food, drink and pharmaceutical industry.

## Range of PET-G Sheet

Description	Color	Thickness (mm)	Standard Dimension Width(mm) X Length(mm)
PETG Thin sheet	Clear, Opal	0.5-1.0	1220 x 3050
PETG sheet	Clear, Opal	1.5-6.0	1220 x 2440 ; 2000 x 3000; 2050 x 3000; 2050 x 3050

## Application of PET-G Sheet

- Crash doors
- Displays, signs & showcases
- Industrial protection
- Molded pieces

## Features of PET-G Sheet

- Excellent transparency and high gloss surface
- High Impact resistance, similar to polycarbonate
- Ductile. Break elongation similar to polycarbonate
- Easily thermoformable
- Excellent Chemical resistance
- Can be bonded with solvent
- Easily welded, like PVC
- Surface scratches can easily be removed with a heat gun
- Unlike polycarbonate, PET-G can be cut with a laser
- The same tools used for diamond polishing PMMA can be used for polishing PET-G sheets

