

Corrugated Plastic Sheet Datasheet

Thickness, weight, sizes and grades for the twin-wall polypropylene sheet range.

Specifications

Thickness	2 mm to 12 mm
Weight	250 g/m ² to 2000 g/m ²
Standard Size	2440 mm × 1220 mm or to customer request
Grades	Corona treated · Anti-static · Conductive · UV stabilised · Flame retardant
Colour	To customer request
Packing	Plastic shrink film and wooden pallet or to customer request

Why This Sheet

- **Excellent Mechanical Property.** The twin-wall structure gives strong toughness, impact resistance, high compressive strength, shock buffering, high hardness, good bending behaviour and long service life.
- **Light Weight and Material Saving.** To reach the same mechanical result, an extruded corrugated sheet uses less material, costs less and weighs less than a solid board.
- **Heat and Sound Insulation.** The hollow flute structure transfers far less heat and sound than a solid board of the same thickness.
- **Anti-Static Conductive and Flame Retardant Grades.** Modification, compounding and surface treatment produce anti-static, conductive and flame retardant versions of the same base sheet.
- **Stable Chemical Property.** Against carton board or wooden board the sheet offers chemical resistance, waterproofing, moisture resistance, weatherability, anti-corrosion and fade resistance.
- **Smooth Surface in Many Colours.** Masterbatch modification extrudes the sheet in different colours and the surface accepts paint and ink jet printing well.
- **Environmentally Friendly.** Polypropylene is non-toxic and non-polluting, simple to dispose of and can be recycled.

Products in This Range

Product	Description	Key Spec
Corrugated Plastic Sheet	Extruded twin-wall polypropylene board, 2–12 mm, in any colour and grade	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²
Fluted Polypropylene Sheet	Corona treated printing grade twin-wall board for graphics, packaging and agriculture	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²
Anti-Static Plastic Sheet	Surface resistivity 1×10^9 to $1 \times 10^{11} \Omega$, available in any colour	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²
Conductive Plastic Sheet	Black conductive grade at 1×10^3 to $1 \times 10^9 \Omega$ surface resistivity	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²
Flame Retardant Plastic Sheet	Extruded flame retardant twin-wall board for household appliance and automotive use	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²
PP Honeycomb Board	Three-layer bubble guard panel with a circular honeycomb core, up to 2500 mm wide	Max Width 2500 mm; Thickness 1.5 mm to 13 mm

Product	Description	Key Spec
Temporary Surface Protection Board	2.2 to 5.0 mm protection board for floors, windows, membranes and fixtures on site	Thickness 2.2 mm, 3.0 mm, 4.0 mm and 5.0 mm; Weight 275 g/m ² to 900 g/m ²
Plastic Layer Pad	Sealed-edge divider sheet for stacking glass bottles, cans and containers	Thickness 2 mm to 12 mm; Weight 250 g/m ² to 2000 g/m ²

Contact

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Samples	Free of charge, sent by FedEx, UPS or DHL