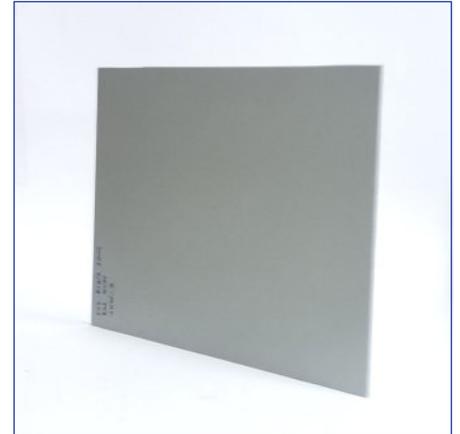


Rigid PVC Sheets



RRE PVC Sheets can resist mineral acids, alkalis, plating solutions, paper making chemicals and other inorganic solutions and fumes. They also resist alcohols glycols, aliphatic hydrocarbons, amines and phenols offering excellent corrosion and weather resistance. It has a high strength-to-weight ratio and is a good electrical and thermal insulator. PVC is also self-extinguishing per UL flammability tests.



The standard color of RRE PVC sheet is *RAL 7032 (Grey)* (Other colors are available on request and bulk orders).

Key Features

- Strong and durable
- Good Thermal insulation
- Good Dimensional Strength
- Good Electrical insulation
- Fire Retardant Properties
- Good Chemical Resistance
- Low Moisture Absorption
- Good Chemical Resistance
- Easy to join using Solvent Cement
- Easy to weld like other thermoplastics
- FDA compliant

Applications & Utility

- Chemical tanks and vessels
- Control cabinets and panels
- Ducts and gutters to carry chemicals
- Flexible PVC Strip Curtains
- Industrial Fabrication activity
- Valve and Pump Housing
- Manifolds & Slurry Conveyance
- Fire retardant applications
- Fume Scrubbers & FRP App
- Vessel Lining
- Manifolds & Slurry Conveyance

- 2438 x 1219.2 x 3 mm (8 feet x 4 feet with 3 mm thickness)
- 2438 x 1219.2 x 2 mm (8 feet x 4 feet with 2 mm thickness)

Properties	Test Method	Unit	Value
Specific gravity (ρ)	ISO 1183	g/cm ³	1.36
Max. permissible service temperature		°C	60
Lower permissible service temperature		°C	-15
Tensile strength at yield	ISO 527	Mpa	55
Elongation at break	ISO 527	%	≥10
Impact strength	ISO 179	KJ/m ²	No Break
Modulus of elasticity	ISO 899	Mpa	3000
Shore Hardness	ISO 868	Shore- D	60

