

Datasheet

Stock No: 680-779

# RS Pro Grey Polyvinyl Chloride (PVC) Sheet, 1000mm x 500mm x 9mm



## Product Details

### Grey PVC Plastic Stock

Good mechanical strength

Resistant to most chemicals

Easily fabricated and machined

Uses include: chemical plant-tanks, electrical components, valves and pumps

Maximum service temperature 60°C

Elongation (% at break)	20%
Expansion Coefficient At 23°C $10^{-5}k^{-1}$	8
Flammability Rating	DIN 4102 B1
Hardness	65 - 80 (Shore D)
Modulus Of Elasticity	2500 kgf/cm <sup>2</sup>
Moisture Absorption (%/24hr)	<0.04
Tensile Strength (MPa)	>500
Thermal Conductivity	0.18 Kcal/m/hr.°C

## Specifications

Colour	Grey
Length	1000mm
Width	500mm
Thickness	9mm
Material	PVC
Density	1.47g/cm <sup>3</sup>
Tensile Strength	55 MPa
Hardness	Shore D 65 to 80
Flammability Rating	DIN 4102 B1
Water Absorption	0.2%
Maximum Operating Temperature	+60°C
Elongation	20%