



## PALOPAQUE RIGID PVC

**Rigid PVC** (Polyvinyl Chloride) is a durable, high-performance thermoplastic sheet designed for a wide range of industrial, fabrication and signage applications. Offering an excellent balance of strength, chemical resistance and structural soundness, it performs reliably in demanding environments where precision and toughness are essential. With a smooth, flat surface, **Rigid PVC** provides a clean and uniform finish suitable for fabrication, thermoforming and mechanical processing. It can be easily cut, routed, drilled and welded using conventional tools and methods and is compatible with most adhesives and printing systems.

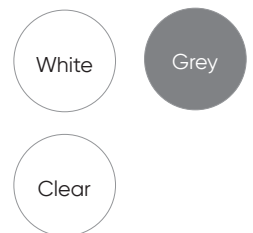
### KEY FEATURES

- Impact resistant
- Excellent chemical & corrosion resistant
- Smooth & flat surface
- Outstanding form stability under temperature changes
- Self-extinguishing & low flammability
- Easy to cut, bond & thermoform

### PRODUCT APPLICATIONS

- Chemical processing components
- Fire rated signage & displays
- Protective barriers
- Sterile surfaces in laboratories
- Tanks
- Fume ventilation components
- Safety signage

### COLOURS



Coloured swatch may not represent physical product.

### PROPERTIES

GENERAL	RESULTS
Weight (3mm)	4.5kg/m <sup>2</sup>
Density	1.5g/cm <sup>3</sup>
Rockwell Hardness R Scale (D785)	97R
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Tensile Strength at Yield - 10mm min (D638)	50Mpa
Flexural Strength - 1.3mm/min (D790)	80Mpa
THERMAL	
Service Temperature	-10 - 50°C
Thermal Conductivity (C-177)	W/m K 0.15
Co-Efficient Linear Thermal Expansion (D696)	6.7 x 10(-5)
Flammability (ISO 9705)	Group 1

### PRODUCT RANGE

COLOUR	GAUGE	SIZE
White	1mm 1.5mm 3mm 6mm 10mm	2440x1220mm
	4.5mm	2440x1220mm 3000x1500mm
Grey	3mm 4.5mm 6mm	2440x1220mm
Clear	6mm	

