



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 ²
Density		1.5g/cm ³
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 (ISO9705)		Group 1

PRODUCT RANGE

COLOUR	GAUGE	SIZE
White	1mm	2440x1220mm
	1.5mm	
	2mm	
	3mm	
	4mm	
	6mm	
Grey	2mm	
	3mm	
	4mm	
	6mm	
	10mm	
	15mm	

