



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.

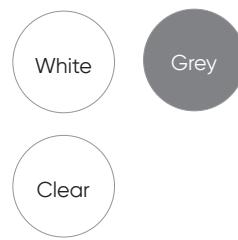
KEY FEATURES

- 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



PROPERTIES

PRODUCT RANGE

| 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 (ISO 9705) | | Group 1 |

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

Coloured swatch may not represent physical product.

