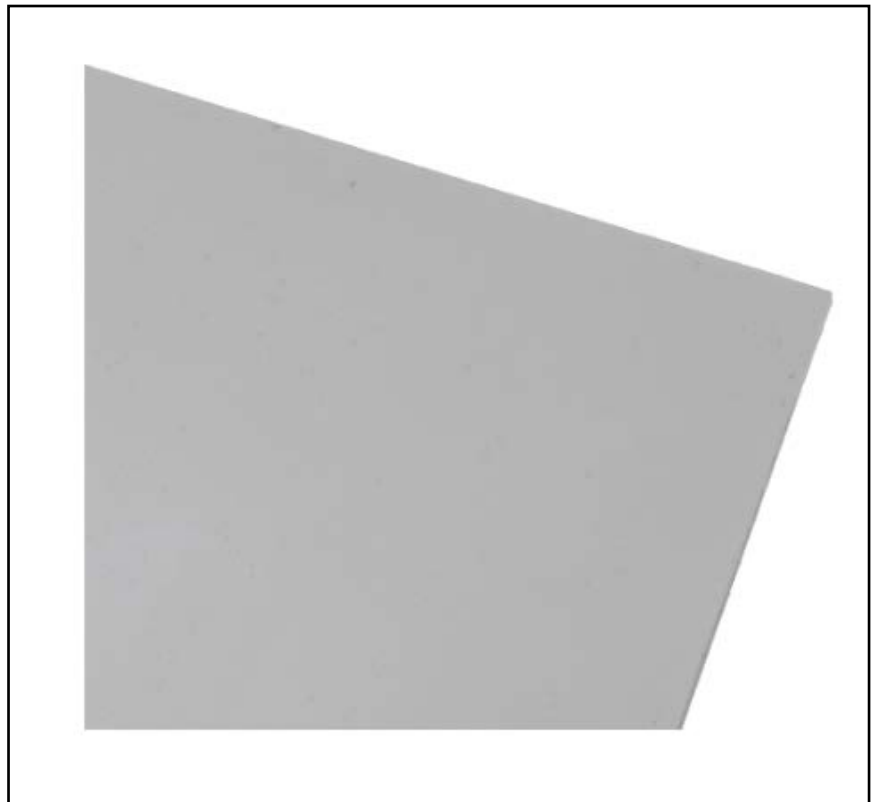


FEATURES

- Safe, active anti-microbial function
- Lost-lasting effect of the anti-microbial agent
- Retains the anti-microbial properties even in fabrication
- Offers resistance to a wide range of chemicals
- Impact resistant
- Tested to ISO 22196
- Lightweight
- Easily bonded
- Withstands frequent cleaning
- Excellent adhesion
- Easy to install and maintain
- Ideally suited for high medical care areas

White Plastic Sheet, 600mm x 600mm x 2.5mm

RS Stock No.: 809-9698



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From RS PRO, comes a range of white hygienic PVC sheets. Manufactured to industry standards and meeting BS 476 flame resistance standards, these sheets are of high quality and are great value

General Specifications

Form	Solid
Colour	White
Material	PVC
Laminated	Yes
Laminated Material	Acrylic; Epoxy Resin; Fine Weave Cotton; Glass Fibre
Flammability Rating	UL 94
Polymer Type	Copolymer
Finish	Clear
Adhesive Backing	Yes
Applications	<p>Medical - Operating theatres, Hospitals and clinics, Laboratories and clean rooms</p> <p>Food - Food production areas, Commercial and restaurant kitchens, Plating of food, Abattoirs</p> <p>Agriculture - Livestock, poultry and dairy farms, Egg sorting halls, Storage chambers</p>

Electrical Specifications

Specific Surface Resistance	10 ¹⁴ Ω
Specific Volume Resistance	10 ¹⁴ Ω.cm
Dielectric Constant	2.9
Dielectric Loss Factor	0.0017tg
Breakdown Voltage	17kV/mm

Mechanical Specifications

Length	600mm
Width	600mm
Thickness	2.5mm
Density	1.2g/cm ³
Tensile Strength at Yield	50-55MPa
Hardness	60 Shore
Water absorption	0.35%
Thermal Conductivity	0.15W/m.K at 1mm
Elongation At Yield	3%
Falling dart Impact Strength	93-96kJM ⁻²
Modulus Of Elasticity	2800-3000MPa
Flexural Strength	78-82MPa
Compression Strength	23MPa
Compression Modulus	3400MPa
Ball Indentation Hardness	253MPa
Thermal Expansion	0.067mm/m°C
Specific Heat	1.1J/(g.K)
Specific Gravity	1.38-1.42
Flexural Modulus	2600-2800MPa
Friction Coefficient	0.54
Poisson Ratio	0.38kJM ⁻²
Tensile Strength At Break	48-54MPa
Elongation At Break	130-150%

Operation Environment Specifications

Maximum Operating Temperature	120°C
Melting Point	255°C
Glass Transition Temperature	150°C
Vicat Softening Point	65-68°C

Approvals

Compliance/Certifications	CE / UR / cUR
Standards Met	ISO 22196

Product options:

RS article no.	Description	Type	Size
8099689	Hygienic PVC sheet	standard	1.2m square
8099698	Hygienic PVC sheet	standard	0.6m square
8099691	Hygienic PVC sheet	bio grade	1.2m square
8099695	Hygienic PVC sheet	bio grade	0.6m square