

## FEATURES

- Maximum operating temperature of +1150°C
- Thermal shock resistant
- Flame-retardant
- Thermal insulation sheets
- Density of 350 kg/m<sup>3</sup>
- Length of 595 mm
- Width of 495 mm
- Thickness of 20 mm

## RS PRO Fibre Thermal Insulation, 595mm x 495mm x 20mm

RS Stock No.: 103-4058



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

If you need a rigid insulation board able to cope with ultra-high temperatures, turn to this thermal insulation sheet from RS PRO. It's made from low bio-persistent insulation wool combined with organic and inorganic binders and can be used at ultra-high temperatures of up to +1150°C. With low heat-storage capacity, very low thermal conductivity and an ability to be used in applications where they are in direct contact with a flame, these insulation sheets are perfect for use as kiln linings or heat-treatment furnace linings. They're also suitable for use in applications where there are significant temperature variations as they offer excellent thermal-shock resistance. The rigid board can be easily die-cut or shaped with a hacksaw blade.

## General Specifications

<b>Material</b>	Fibre
<b>Flame Retardant</b>	Yes
<b>Thermal Shock Resistance</b>	Yes
<b>Application</b>	Thermal insulation, heat shields, heat containment, gaskets and expansion joints in industrial furnaces, ovens, kilns, boilers and other process equipment

## Mechanical Specifications

<b>Length</b>	595mm
<b>Width</b>	495mm
<b>Thickness</b>	20mm
<b>Density</b>	350kg/m <sup>3</sup>
<b>Thermal Conductivity</b>	0.57W/mK
<b>Shrinkage</b>	<1.5%
<b>Compressive Strength</b>	0.3 MPa
<b>Modulus Of Rupture</b>	1.2 MPa

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+1150°C
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## Approvals

Compliance/Certifications	
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