

FEATURES

- Maximum operating temperature of +1150°C
- Thermal shock resistant
- Flame-retardant thermal insulation sheets
- Density of 350 kg/m³
- Modulus of rupture of 1.4 MPa
- Compressive stress at 10% deformation of 0.3 MPa
- Loss of ignition after 2 hours at +800°C is 3%
- Thermal conductivity ranges from 0.05 W/mK to 0.26 W/mK

RS PRO Flame Retardant Fibre Thermal Insulation, 595mm x 495mm x 10mm

RS Stock No.: 724-8919



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

This board is made from low bio-persistent insulation wool combined with organic and inorganic binders. It's suitable for use at ultra-high temperatures of up to +1150°C. Available in sheets measuring 595 mm x 495 mm, the rigid board can be easily die-cut or shaped with a hacksaw blade. This lets you create precise insulation blocks matched exactly to your needs. Delivering excellent thermal-shock resistance, this material is ideal for use in applications experiencing significant temperature variations. The panels meet the requirements under Note Q of European Regulation 1272/2008, so they are exempt from labelling requirements in Europe.

General Specifications

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

Mechanical Specifications

Length	595mm
Width	495mm
Thickness	10mm
Density	350kg/m ³
Thermal Conductivity	0.05 W/mK, 0.08 W/mK, 0.11 W/mK, 0.15 W/mK, 0.2 W/mK, 0.26W/mK
Shrinkage	<2%
Modulus of rupture	1.4 MPa
Compressive stress	0.3 MPa

Operation Environment Specifications

Maximum Operating Temperature	+1150°C
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Approvals

Compliance/Certifications	
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