

## FEATURES

- Thermal insulation sheet
- Flame-retardant
- Thermal shock resistant
- Dimensions of 1.8 m x 610 mm
- Maximum short term use temperature of +1300°C
- Maximum continuous use temperature of +1150°C
- Density of 128 kg/m<sup>3</sup>
- Thermal conductivity ranges between 0.04 W/mK and 0.48 W/mK

## RS PRO Flame Retardant Fibre Thermal Insulation, 1.8m x 610mm x 50mm

RS Stock No.: 840-5529



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

Made from high-temperature insulating wool, this thermal insulation sheet from RS PRO won't give off fumes or smells during its first firing as it doesn't contain binders or lubricants. This makes it ideal for use in chimneys and a heat recovery steam generator (HRSG) ducts and chimneys. The flexible blanket is easy to cut and shape to your needs and is flame-retardant, immune to thermal shock and resistant to chemicals. This makes it suitable for use in heat shields, mould-wrap insulation or as passive fire protection. It is easy to wrap around hot equipment and provides thermal stability and low heat storage. It can operate at up to +1300°C in the short term and at +1150°C continuously.

## 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>	1.8m
<b>Width</b>	610mm
<b>Thickness</b>	50mm
<b>Density</b>	128kg/m <sup>3</sup>
<b>Thermal Conductivity</b>	0.04 W/mK, 0.08 W/mK, 0.14 W/mK, 0.23 W/mK, 0.34 W/mK, 0.48W/mK

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+1150 (Continuous) °C, +1300 (Short Term) °C
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## Approvals

Compliance/Certifications	
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