

FEATURES

- Calcium-magnesium silicate thermal insulation sheet
- Flame-retardant
- Thermal shock resistant
- Dimensions of 5 m x 610 mm
- Classification temperature of +1300°C
- Maximum continuous use temperature of +1150°C
- Density of 128 kg/m³
- Tensile strength of 75 kPa
- Thermal conductivity ranges between 0.04 W/mK and 0.48 W/mK

Flame Retardant Calcium-Magnesium Silicate Thermal Insulation, 5m x 610mm x 6mm

RS Stock No.: 724-8903



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 thermal insulation sheet is made from high-temperature insulating wool and doesn't contain any binders or lubricants. This means it won't give off fumes or smells during its first firing, making it suitable for use in heat recovery steam generator (HRSG) ducts and chimneys. The blanket is flexible and easy to cut and shape, meaning installation is fuss-free. It's also flame-retardant, immune to thermal shock and resistant to chemicals. These attributes make it suitable for use in heat shields, mould-wrap insulation or as passive fire protection. In addition to its enhanced thermal properties, the insulation has no large dust particles, so it's soft to the touch and non-irritating during use.

General Specifications

Material	Calcium-Magnesium Silicate
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	5m
Width	610mm
Thickness	6mm
Density	128kg/m ³
Thermal Conductivity	0.04 W/mK, 0.08 W/mK, 0.14 W/mK, 0.23 W/mK, 0.34 W/mK, 0.48W/mK
Tensile Strength	75 kPa
Shrinkage	<2%

Operation Environment Specifications

Maximum Operating Temperature	+1150°C
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Approvals

Compliance/Certifications

EN61340
