

FEATURES

- Made from calcium-magnesium silicate
- Flame-retardant thermal insulation sheet
- Thermal-shock resistant
- Sheet dimensions of 2.8 m x 610 mm x 2 mm
- Density of 210 kg/m³
- Maximum operating temperature of +1200°C
- Thermal conductivity ranging from 0.04 W/mK to 0.25 W/mK

Flame Retardant Calcium-Magnesium Silicate Thermal Insulation, 2.8m x 610mm x 2mm

RS Stock No.: 724-8906



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

Specially processed to offer excellent performance in high-temperature applications, this thermal insulation sheet from RS PRO is versatile and durable.

The blanket is flexible and can be easily cut and shaped to fit your requirements, making it an ideal choice for use in expansion joints or as a thin thermal break. Resistant to solvents and chemicals, this thermal insulation sheet, made from calcium-magnesium silicate, works in ultra-high temperatures of up to +1200°C. This makes it suitable for use in industrial environments such as furnaces, ovens and boilers.

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	2.8m
Width	610mm
Thickness	2mm
Density	210kg/m ³
Thermal Conductivity	0.04 W/mK, 0.07 W/mK, 0.1 W/mK, 0.14 W/mK, 0.19 W/mK, 0.25W/mK
Tensile Strength	>0.45 MPa
Shrinkage	<2%

Operation Environment Specifications

Maximum Operating Temperature	+1200°C
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Approvals

Compliance/Certifications	EN61340
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