

FEATURES

- Made from calcium-magnesium silicate
- Flame-retardant thermal insulation sheet
- Thermal-shock resistant
- Sheet dimensions of 2 m x 610 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, 2m x 610mm x 4mm

RS Stock No.: 724-8909



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

For a flame-retardant thermal insulation sheet that offers excellent performance at extremely high temperatures, look no further than this product from the RS PRO range. Made from calcium-magnesium silicate wool fibres bonded with a low percentage of organic binder, it's ideal for use with applications such as heat shields and for heat containment. Designed for use as a high-temperature gasket material, this Superwool paper thermal insulation can be easily cut and shaped to your specific needs. This makes it a flexible choice for expansion joints or as a thin thermal break. As it prevents components from touching, it can be used to stop them from bonding.

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	2m
Width	610mm
Thickness	4mm
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	
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