

## FEATURES

- Made from calcium-magnesium silicate
- Flame-retardant thermal insulation sheet
- Thermal-shock resistant
- Sheet dimensions of 4.75 m x 610 mm
- Density of 218 kg/m<sup>3</sup>
- Maximum operating temperature of +1300°C
- Thermal conductivity ranging from 0.04 W/mK to 0.48 W/mK

## Flame Retardant Calcium-Magnesium Silicate Thermal Insulation, 4.75m x 610mm x 13mm

RS Stock No.: 724-8912



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 calcium-magnesium silicate blanket is the ideal thermal insulation for heat recovery steam generator (HRSG) ducts and chimneys. That's because it contains no lubricants or binders, so it won't give off smells or fumes when first exposed to heat.

The soft and flexible blanket makes for a no-fuss installation – simply cut it to any shape you need. It's suitable for passive fire protection, or for use in heat shields and mould-wrap insulation, because it's flame-retardant, resistant to chemicals and immune to thermal shock. The Superwool 607 HT long fibres stay soft to the touch, even with continuous use and at maximum temperature, and the insulation contains no dust particles, so it won't irritate the skin or breathing passages.

## General Specifications

<b>Material</b>	Calcium-Magnesium Silicate
<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>	4.75m
<b>Width</b>	610mm
<b>Thickness</b>	13mm
<b>Density</b>	218kg/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
<b>Tensile Strength</b>	75 kPa
<b>Shrinkage</b>	<2%

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+1150°C
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## Approvals

Compliance/Certifications	
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