

## FEATURES

- Calcium-magnesium silicate material
- Flame-retardant thermal insulation sheet
- Thermal-shock resistant
- Sheet dimensions of 1.5 m x 610 mm
- Density of 0.1602 g/m<sup>3</sup>
- Maximum operating temperature of +1200°C (continuous)
- Can withstand intermittent temperatures up to +1260°C
- Thermal conductivity of 0.232 W/mK

## Calcium-Magnesium Silicate Thermal Insulation, 1.5m x 610mm x 6m

RS Stock No.: 775-7810



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 thermal insulation sheet is flame-retardant and designed to provide excellent performance in heat shields, heat containment and other high-temperature uses. The Superwool 607 material includes a small amount of organic binder, which will burn off cleanly during the first firing.

The insulating blanket is designed to be an ideal high-temperature gasket, suitable for uses such as expansion joints or thermal breaks. It can keep heated components from bonding together by preventing them touching. And installation is fuss-free because the blanket is flexible and easy to cut and shape.

## 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>               | 1.5m                    |
| <b>Width</b>                | 610mm                   |
| <b>Thickness</b>            | 6mm                     |
| <b>Density</b>              | 0.1602g/cm <sup>3</sup> |
| <b>Thermal Conductivity</b> | 0.232W/mK               |

## Operation Environment Specifications

|                                      |         |
|--------------------------------------|---------|
| <b>Maximum Operating Temperature</b> | +1260°C |
|--------------------------------------|---------|

## Approvals

| Compliance/Certifications |  |
|---------------------------|--|
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|  | EN61340 |
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