

FEATURES

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- **Flame Retardant:** Enhances safety by reducing the risk of fire
- **Thermal Shock Resistant:** Maintains integrity under rapid temperature changes, extending product lifespan
- **Low Thermal Conductivity:** Provides efficient insulation with a thermal conductivity of 0.23 W/mK, reducing energy loss
- **Dense Material:** With a density of 64 kg/m³, it offers robust insulation properties
- **Generous Dimensions:** Measures 3600 mm in length, 610 mm in width, and 25 mm in thickness, covering large areas effectively

RS PRO 1000°C Thermal Insulation Sheet, 3600mm Length

RS Stock No: 652-800



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

RS PRO 1000°C Thermal Insulation Sheet, 3600mm Length This RS PRO thermal insulation sheet is designed for high-temperature applications, providing effective thermal management up to 1000°C. Made from calcium-magnesium silicate, it offers excellent thermal resistance and durability, making it ideal for industrial environments where heat control is crucial. **Features & Benefits** **High Maximum Operating Temperature**: Suitable for applications up to 1000°C, ensuring reliable performance in extreme conditions **Flame Retardant**: Enhances safety by reducing the risk of fire **Thermal Shock Resistant**: Maintains integrity under rapid temperature changes, extending product lifespan **Low Thermal Conductivity**: Provides efficient insulation with a thermal conductivity of 0.23 W/mK, reducing energy loss **Dense Material**: With a density of 64 kg/m³, it offers robust insulation properties **Generous Dimensions**: Measures 3600 mm in length, 610 mm in width, and 25 mm in thickness, covering large areas effectively **Applications** Furnace linings Kiln insulation High-temperature ductwork Industrial ovens **Additional Information** **Key Standards**: Complies with CAS 329211-92-9 **Material Composition**: Made from calcium-magnesium silicate for enhanced durability and performance

General Specifications

Colour	White
Density	64 kg/m ³
Flame Retardant	Yes
Product Type	Thermal Insulation Sheet

Mechanical Specifications

Length	3600 mm
Material	Calcium-Magnesium Silicate
Thickness	25 mm
Width	610 mm

Operation Environment Specifications

Maximum Operating Temperature	1000 °C
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Approvals

Standards/Approvals	CAS 329211-92-9
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Thermal Performance Specifications

Thermal Conductivity	0.23 W/mK
Thermal Shock Resistant	Yes