

Features

- Flame Retardant Thermal Insulation Sheet
- Thermal Shock Resistant
- Density of 180 – 250 kg/m³
- Maximum Operating Temperature of +1,200°C
- Thin, Flexible and Easy to Cut
- Low Thermal Conductivity

RS PRO Flame Retardant Thermal Insulation Paper, 2.0m x 610mm x 4mm

RS Stock No.: 0555933



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

This calcium-magnesium Silicate paper provides excellent thermal properties combined with high strength for various applications.

This Paper is an alternative to traditional solutions due to their unmatched properties of high refractoriness, elevated temperature capabilities and lower thermal conductivity.

Features:

- *Low biopersistence fibre*
- *Excellent thermal insulation performance*
- *Thin, flexible high temperature insulation*
- *Immune to thermal shock*
- *Low heat storage*
- *Easily die-cut to form complex shapes for high-temperature gasketing*
- *Excellent tensile strength*
- *Low thermal conductivity*
- *Non-wetting to molten aluminium*

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	2000mm
Width	610mm
Thickness	4mm
Density	180-250kg/m ³
Thermal Conductivity	@200 °C 0.05W/mK @400 °C 0.08W/mK @600 °C 0.12W/mK

Thermal Insulation



	@800 °C 0.16W/mK @1,000 °C 0.22W/mK @1,200 °C 0.28W/mK
Shrinkage, after 24 hours	@1,200 °C <1% @1,300 °C <2%
Loss on Ignition	10%
Tensile Strength	>0.45 MPa
Colour	White

Operation Environment Specifications

Classification Temperature	1,300°C
Continuous Use Temperature	1,200 °C

Approvals

Compliance/Certifications	EN61340
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Similar Products

Stock No.	Brand	Length	Width	Thickness
0555930	RS PRO	2800mm	610mm	2mm
0555931	RS PRO	2200mm	610mm	3mm
0555933	RS PRO	2000mm	610mm	4mm
0555934	RS PRO	1500mm	610mm	6mm
0555936	RS PRO	1200mm	610mm	10mm