

FEATURES

- Made from wool fibre
- Flame-retardant thermal insulation sheet
- Thermal-shock resistant
- Sheet dimensions of 1.2 m x 610 mm
- Density of 210 kg/m³
- Maximum operating temperature of +1150°C (continuous)
- Can withstand intermittent temperatures up to +1300°C
- Thermal conductivity ranging from 0.04 W/mK to 0.25 W/mK

RS PRO Flame Retardant Paper Thermal Insulation, 1.2m x 610mm x 9mm

RS Stock No.: 840-5517



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 flame-retardant thermal insulation sheet is made from alkaline earth silicate (AES) wool fibres bonded with a low percentage of organic binder. It's specially processed to offer excellent performance in high-temperature applications such as heat shields and heat containment. As paper wool fibre thermal insulation is flexible, it can be easily cut and shaped and is designed for use as a high-temperature gasket material. This makes it an ideal choice in expansion joints or as a thin thermal break. By stopping components touching, it can be used to prevent them from bonding.

General Specifications

Material	Wool Fibre
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	1.2m
Width	610mm
Thickness	9mm
Density	210kg/m ³
Thermal Conductivity	0.04 W/mK, 0.07 W/mK, 0.10 W/mK, 0.14 W/mK, 0.19 W/mK, 0.25W/mK

Operation Environment Specifications

Maximum Operating Temperature	+1150 (Continuous) °C, +1300 (Short Term) °C
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Approvals

Compliance/Certifications	
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