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FEATURES

- Aerogel microporous thermal insulation sheet
- Length of 1 m
- Width of 700 mm
- Maximum operating temperature of +650°C
- Density of 0.18 g/cc
- Low thermal conductivity
- Low thickness (10 mm) and profile
- Environmentally safe
- Hydrophobic (repels liquid)
- Prevents corrosion

Aerogel Miroporous Blanket Thermal Insulation, 1m x 700mm x 10mm

RS Stock No.: 103-4078



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.

Thermal Insulating Sheets

Product Description

When you need a thermal insulation sheet that offers improved performance with a reduced thickness, turn to this aerogel microporous blanket. Silica aerogels have the lowest thermal conductivity of any known solid. This means they provide reliable insulation with a lower thickness than similar products made from other materials.
The sheet is silica-aerogel reinforced with non-woven glass fibre batting and is ideal for insulating everything from pipes to vessels and tanks. It's also hydrophobic – meaning it repels liquid – which helps prevent corrosion under the insulation and is environmentally safe.

General Specifications

Material	Aerogel Miroporous Blanket
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	1m
Width	700mm
Thickness	10mm
Density	0.18g/cm³

Operation Environment Specifications

Maximum Operating Temperature	+650°C

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Approvals

Compliance/Certifications	EN61340