

Our Square Ceramic Packing with Fibreglass Reinforcement is a very high temperature heat insulation material. Sometimes known as square rope, this packing is braided from a combination of high quality ceramic fibres that are reinforced with glass yarns.

The result is a packing with excellent heat resistance, low thermal conductivity and good mechanical properties. It is widely used in high temperature, industrial applications such as those found in and around furnaces, ovens, boilers, foundries, power plants and the engines of ships and heavy transport.



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Applications

This high-performance insulation material is typically used in extremely high temperature environments. Common examples include:

- Static seals for ovens.
- Boiler seals and insulation.
- Insulation for chimney stacks & flue ducts.
- For high temperature gaskets, manway and door seals.
- As a high temperature lagging material in the steel, aluminium, oil & gas or power generation industries.
- As insulation for the engines and piping in heavy shipping and heavy transport.

Technical Details

<u>Colour</u>		White
<u>Temperature Rating</u>	1200°C for Applications that do not require the glass reinforcement.	800°C
<u>Ignition Loss</u>		16% ($\pm 2\%$)
<u>Thermal Conductivity</u>		0.17 W/m. °C
<u>Chemical Composition</u>		52% SiO ₂ 47% Al ₂ O ₃

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

Date Created: 10/9/2018
Date Modified: 8/4/2020
Document # SSD-TDS-SWM000345

Available Sizes, Forms and Styles*Standard Sizes*

Size (Square)	10mm²	13mm²	20mm²	25mm²	30mm²	50mm²
Weight (per Metre)	60gm	100gm	210gm	360gm	460gm	950gm
Full Roll Length	50M	50M	30M	20M	20M	20M

Other Sizes, Available Upon Request

Size (Square)	6mm²	8mm²	16mm²	18mm²	35mm²
Weight (per Metre)	25gm	40gm	165gm	195gm	630gm
Full Roll Length	100M	100M	50M	50M	20M

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