

Overview

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 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.

Typical applications 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.



Key Specifications

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

Fibreglass Reinforced, Ceramic Braided Square Packing Sizes.

The table below lists all our standard sizes of Ceramic Packing. All are available by the metre. To quickly find any on our website, just search for the SWM part number listed. Alternatively, browse the full range at swiftsupplies.com.au/ceramic-insulation-rope-packing-800C

Part Number	Size, Metric	Size, Imperial (Approx.)
SWM000345B01V0001	10mm ²	3/8" Square
SWM000345B01V0002	13mm ²	1/2" Square
SWM000345B01V0003	20mm ²	3/4" Square
SWM000345B01V0004	25mm ²	1" Square
SWM000345B01V0005	30mm ²	1 & 1/4" Square
SWM000345B01V0006	50mm ²	2" Square