

Overview

Designed to meet the demands of the most extreme heat, Refrasil Rope is a high temperature, thermal insulation cord which can withstand continuous exposure to 982°C (1,800°F).

Manufactured from high purity silica fibres, this rope has a braided construction and has a high density coupled with good abrasion resistance and ease of handling.

Manufactured by Hitco Carbon Composites in the USA, this insulating rope is used for lagging and sealing in all kinds of demanding applications.

Typical applications include:

- High temperature pipe lagging.
- Power cable wrapping, protecting and insulation.
- High temperature rope seal gaskets.
- As a core/bulb for tadpole tapes for very high temp. industrial ovens and equipment.



Key Specifications

Colour	White
Fibre	Silica (≥96%)
Construction	Braided
Temperature Rating	982°C
Melting Point	>1,650°C
Shrinkage @ 872°C	0.06% - 0.08%

Refrasil Silica Insulation Rope Sizes.

The table below lists all our standard sizes of Refrasil Rope. 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/silica-insulation-ropes-900C

Part Number	Rope Diameter Metric	Rope Diameter Imperial, Approx.	Breaking Strength Ambient Temp.
SWM000346B01V0001	6mm	1/4"	18.14kg
SWM000346B01V0002	9mm	3/8"	27.22kg
SWM000346B01V0003	12mm	1/2"	63.5kg
SWM000346B01V0004	18mm	3/4"	113.4kg
SWM000346B01V0005	25mm	1"	213.2kg