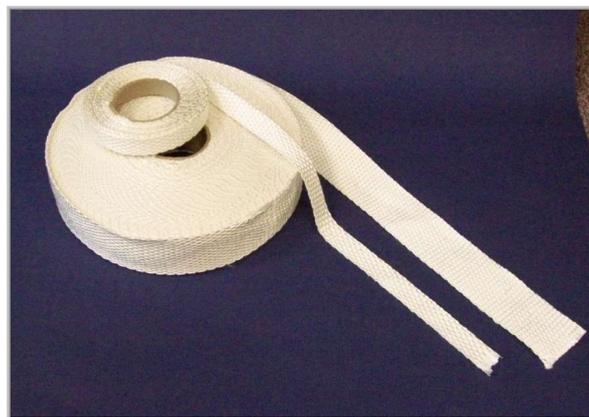


Datasheet



Original TECHNO® - Silica Fibre Strip

This Silica Fibre Strip is long-term temperature resistant for more than 1000°C, which is due to its special consistency.

Furthermore this silica fibre strip has a good chemical resistance, outstanding physical characteristics and a high resilience.

The present state of knowledge shows, that fibre with a filament diameter $> 6 \mu\text{m}$ are no risk to health. Our Original TECHNO® - Silica Fibre Strips are made of infinite filament yarns with a diameter of more than $6 \mu\text{m}$, which is far bigger than the critical $3 \mu\text{m}$. Our silica fibres are free of melt beads (shot free) due to our special production process.

Original TECHNO® - Silica Fibre Strips are made of textured and twined yarns and are well known for the fray-resistant selvages. The field of application is highly diversified due to the insulation characteristics and the high temperature resistance. These heat protection strips are very textile, smooth and tight fitting, cause nearly no skin irritations and are harmless to health. Please keep in mind that organic binders will dissolve when reaching 200°C (392°F; 473°K), so a good ventilation is highly recommended on first use. For further information please see the MSDS.

Typical fields of application	Thermal decoupling	Touch guard on pipes
	Cable insulation	Chimneys and ovens
	Emergency fire doors	Insulation of manifolds
	Exhaust pipes	Silencers
	Heat exchangers	Hot pipings

Technical information	Width >	starting at 20mm up to 100 mm
	Thickness:	2 mm / 3 mm
	Colour:	white
	Custom dimensions can be produced on demand.	

Applicable Temperature
Long term: 1000°C (1832°F; 1273°K)

Influencers	A simultaneous exposition to heat and humidity has to be tested locally.
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The temperature limits mentioned in this data sheet refer to an application without the influence of aggressive substances. The maximum durable temperature will decrease when exposed to vibration or fluctuating operating temperature. The data provided in this technical data sheet reflect the current state of information. This does not however release the customer from performing a thorough receiving inspection in each individual case. We reserve the right to make changes to key product data as a result of technological advancement or operationally-determined enhancements. Due to factors beyond our control, the recommendations made in this technical data sheet require the customer to perform his own tests and inspections during processing. Our recommendation does not absolve the customer from his obligation to check and resolve, if necessary, any potential infringement of third-party trademark rights. Recommendations for use do not constitute a guarantee of suitability for the recommended purpose.