

Silica tapes type KT, P/KT

Silica tapes are woven of high quality silica yarn (95 % SiO₂) with temperature strength up to 1200 °C. KT are tapes without a self-adhesive layer. The self-adhesive layer in P/KT enables very fast and convenient installation of sealing. As opposed to tapes of ceramic fibres, this material is not subject to any hygienic restrictions in the EU Member States in accordance with Q note of Directive 97/69 EC. The used fibres are characterized by a perfect thermal stability and keep their original structure to the amount of the maximum temperature of use. An additional advantage is the lack of any metallic inclusions, which enables using for insulation e.g. of live cables and low weight loss after ignition.



Application

Silica tapes are thermal insulation material used as sealing e.g. of fireplace inserts, boilers, dryers and any kinds of hot elements in industrial systems.

Technical parameters

DESCRIPTION OF PARAMETER	VALUE
TYPE	KT, P/KT
Maximum temporary temperature in °C	1200
Maximum continuous operation temperature in °C	1100
Melting point in °C	1600
Maximum shrinkage as %	6
Maximum losses after roasting as %	13
Type of reinforcement	-
Strand type	simple, single-layer or multi-layer
Density in g/cm ³	0,6 ± 15 %
Colour	white
Dimensional range in mm	width: 8 – 100 thickness: 2 – 5

Special versions

P/KT – self-adhesive

Commercial packaging

roll at least 50 m