

Data Sheet

ISOPIPE

Characteristics

ISOPIPE is a bendable microporous material with a very low thermal conductivity, which means that it has very high insulation properties.

It is based mainly in pyrogenic silica, opacifiers to reduce radiation and fibres as reinforcers.

Geometry

Standard format

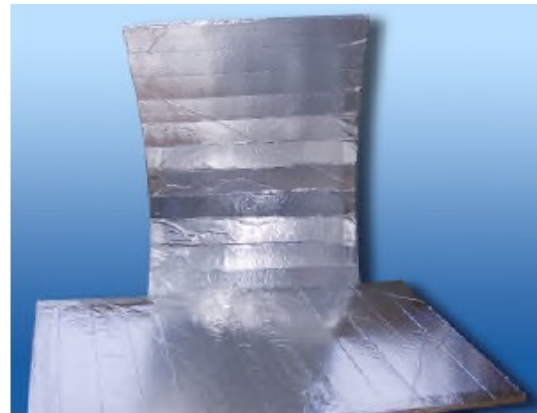
- 1100x700mm

Available thickness

- 10,15,20 and 25mm.

Core Composition

- SiO₂ (NON CRYSTALLINE) aprox 50-90%
- SiC aprox 8-49%
- Others aprox 1-6%



Safety instructions

The materials used are not dangerous for humans or environment following the European directive UE2006/1907/EEC. The fibres used in the core have a diameter >3µm.

Lifespan

If properly stored, the lifespan of the panel has no expiring date. It is recommended to store the panel in a dry environment.

Product data

Color		grey
Maximum working temperature	°C	1050
Density	kg/m ³	270-320
Non combustibility test		Classification A1
Compressive strength at 10% (ASTM C 165)	MPa	>0,32
Thermal conductivity (ISO 8302, ASTM C177)		
	a 200°C	W/m.K 0,024
	a 400°C	W/m.K 0,025
	a 600°C	W/m.K 0,028
	a 800°C	W/m.K 0,032