

# RockTech SPI

## Common applications

Rocktech SPI is supplied as a one piece section of convenient length. Slit along the longitudinal axis for ease of application, the sections readily snap closed into position over the pipe. The sections are molded to ensure a firm fit around the piping and the outer surface is ground to ensure the correct insulation thickness is achieved.

RockTech SPI is particularly suitable for both hot and cold piping to conserve energy, maintain process temperatures, provide personnel protection, prevent condensation, and to reduce noise emission.

## Dimensions

Size range	mm
Pipe O.D.	21.3 to 812.0
Wall Thickness	25, 38, 50, 63, 75
Length	1200 / 600

*Note: Two dimensions must be specified when ordering pipe insulation - the outside diameter of the pipe and the insulation thickness. Pipes manufactured to different dimension standard [i.e. steam, API, copper, etc.] differ in the outside diameter for a given nominal bore. To avoid costly mistakes, it is essential to make certain what the pipe OD is before placing the pipe insulation order.*

## Nominal density

120kg/m<sup>3</sup> 125kg/m<sup>3</sup> and 150kg/m<sup>3</sup>

*Note: The information contained in this data sheet is believed to be correct at the date of publication. Rockwool Asia does not accept responsibility for the consequences of using RockTech SPI in applications different from those described above.*

## Maximum service temperature

RockTech SPI is suitable for continuous use at 650°C as determined in accordance with ASTM C411. Linear shrinkage (length) tested in accordance with ASTM C356 returns a result of <2%.

## Packaging and storage

Standard packaging - cardboard cartons or poly bag as appropriate. The number of sections per pack depends on the size of the section.

## Handling

RockTech SPI should be secured in position using wire or metal bands in accordance with the manufacturer's recommendations, and protected if required by metal cladding, mastic or other suitable coatings.

## Thermal conductivity

Mean Temperatures °C	Thermal conductivity (W/mK) RockTech SPI
38	0.036
93	0.045
149	0.053
204	0.065
260	0.078
316	0.094
371	0.111

*Note: Thermal conductivity of Rocktech SPI meets the ASTM C 547: Standard Specification for Mineral Fiber Pipe Insulation. For actual results, please refer to your local representative.*

CREATE AND PROTECT

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