PRODUCT
SPEC SHEET

InsulMark Rock Wool SPI

General Description
InsulMark Rock Wool Sectional Pipe Insulation (SPI), manufactured by KMJ, is a non-combustible, high temperature insulation material used for thermal and acoustic insulation and fire protection. Made of inorganic fibres made from volcanic rock, InsulMark SPI does not support micro-organisms nor mold growth and it 100% asbestos free.

Application
InsulMark SPI is suitable for hot and cold piping to conserve energy, it is recommend to be used in applications not exceeding 650℃ temperature such as process temperature control, noise emission reduction, condensation prevention, personal protection.

Available Facings
InsulMark SPI is available with Aluminum Foil/ Polymer Facing to provide some minor protection or un-faced to be covered by a suitable jacketing. Weather protective jacketing such as metal cladding may be required to protect the pipe insulation and piping from weather and mechanical damage

Packaging and Storage
InsulMark SPI products are packed in cardboard cartons or poly bag as appropriate. The number of sections per pack depends on the size of the section. The product should be stored indoors or under a waterproof covering. The product should not be placed directly on ground to avoid moisture from entering the product.

Dimensions

Density	110 ~ 140 kg/m3
Length	914mm, 1000mm
Thickness	25mm ~ 150mm
Diameter	22mm to 660mm

Note on Dimensions: *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) may differ in the outside diameter for a given nominal bore. In order to ensure a joint free laying of the insulation, it is important that you know the actual external diameter of the pipe as there are an immense number of pipe dimensions.*

Physical Properties

Thermal Conductivity	0.036 W/mK at 40℃
Service Temperature	Max. 650℃
Flammability	Non-Combustible as per AS 1530.1. See CSIRO Certificate No. 122854"
Water Absorption	≤ 1% by volume