

# iNSpira-Tube

A high-performance acoustic solution primarily for use on pipework, but can be used to suppress noise break-out on any tubular shape. The product consists of a frigid fire-safe rock wool core with an outer covering of a dense sound-damping polymeric membrane, finished with a Class-O rated reinforced aluminium foil. iNSpira-Tube is supplied with an overlap of the polymeric/foil layer along the 1200mm length to facilitate the provision and integrity of a taped longitudinal joint

## PHYSICAL INFORMATION

### Dimensions

1000mm & 1200mm

### Thickness

25mm, 50mm, 75mm and 100mm options

### Service Temperature

0°C to 230°C

### Damping Layer

5kg/m<sup>3</sup> or 10kg/m<sup>3</sup>

## APPLICATIONS

iNSpira-Tube provides sound and thermal insulation to service and process pipework, rainwater and soil vent pipes, and any tubular conduit. It is primarily used to reduce noise transmission and breakout.

## FIRE PERFORMANCE

The rock fibre core of iNSpira-Tube achieves a reaction to fire classification of A1 in accordance with EN 13501-1.

## THERMAL CONDUCTIVITY

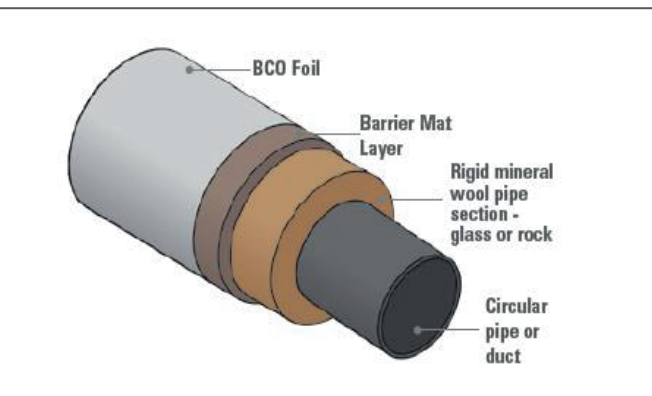
0.033 W/mK at 10°C mean temperature.

## METHOD OF APPLICATION

All joints should be sealed with a self-adhesive aluminium foil tape.

## QUALITY AND ENVIRONMENTAL ASSURANCE

iNSpira-Tube is manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001:2008 and under an environmental management system in compliance with BS EN ISO 14001:2004



## INSTALLATION SERVICE

In addition to supply of this product Inspired Noise UK offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly.

For further details contact our technical team on 0151 677 8650.

