



High pressure graphite manipulated intumescent expansion strip for maintaining compartmentation.

Description

Firetherm Intustrap is a ruberoid strip with high flexibility and is most commonly used around all types of pipe insulation up to 50 mm thick or combustible pipes with a diameter of between 20 mm and 160 mm.

Intustrap may also be used around conduits, cables (if required), and to close ventilated air spaces.

Intubands are pre-configured pipe wraps to suit proprietary pipe size.

Sizes

Intustrap
60 mm x 4 mm x 25 m rolls
60 mm x 4 mm x 600 mm strips
Intubands
55 mm, 82 mm, 110 mm and 160 mm

Fire Testing

- Tested at Exova BM Trada to BS EN 1366-3 and BS4 76 Pt 22
- Tested at Exova Warrington Fire to BS 476 Pt 22
- Third party accredited by Exova Warrington Fire, certificate number CF 583



Features

- Unaffected by moisture
- Fully tested for up to 240 minutes integrity and insulation (dependent on application)
- Available in easy to handle rolls or pre-configured bands to suit pipe size
- Simply link with duct tape

Applications

Firetherm Intustrap is a high pressure graphite manipulated intumescent expansion device, designed to close off combustible elements whilst maintaining compartmentation. Firetherm Intustrap is also a component product incorporated within many Firetherm products.

Tested Substrates

- 64 kg rock mineral fibre 0 to 60 mm annular space (60 mm minimum depth)
- Intumastic within concrete 0 to 20 mm annular space in floors
- Intubatt 2 140 kg/m³ (walls)
- Intudeck 140 kg/m³ (floors timber)
- Intubatt 1 180 kg/m³
- Intucompound 1000 kg/m³
- Concrete or blockwork
- 0.7 gauge (minimum) steel

Tested Pipes

Pipe composites tested range as follows: HDPE, ABS, MDPE, PVC-U, PVC-C, C-PVC, PPR, PP, PE.

Intustrap

Pipes 0 - 55 mm : 1 layer
Pipes 56 - 82 mm: 2 layers
Pipes 83 -125 mm : 3 layers
Pipes 126 -160 mm 4 layers*
Insulation all types: 2 layers 60 x 4 mm

Typical Configuration Types

Combustible pipes, insulation types: rock fibre, glass fibre, phenolic, nitrile rubbers.

Tested in floors and walls including lightweight partitions.

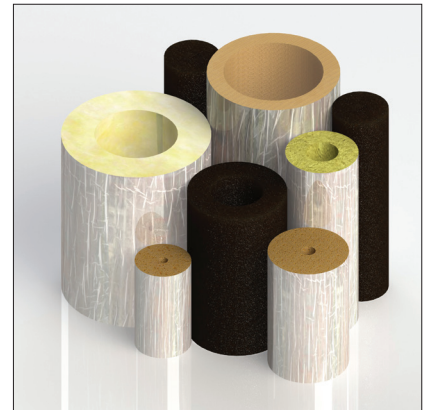
May also be used within Firetherm Intubatt 1, 2 and 3.

Installation

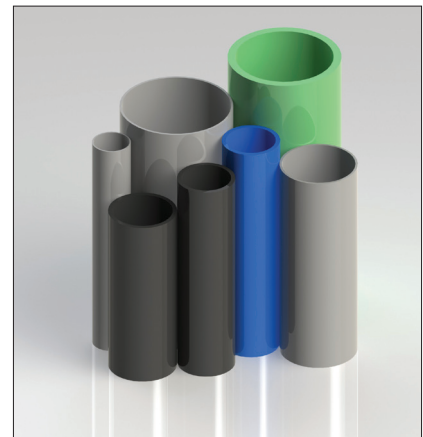
All insulation types: 2 layers 60 x 4 mm as per requirement (maximum insulation thickness 50 mm).

Combustible pipes: 55 mm 1 layer, 82 mm 2 layers, 110 mm 3 layers, 160 mm 4 layers.

Typical Services



Pipe insulation



Combustible pipes

* Not for use within Intubatt vertically at this size