



Conlit® Intumescent Pipewrap Roll

Fire protection for pipework through fire rated walls and floors

Intumescent Pipewrap Roll comprises an intumescent material made from elastomeric thermoplastic polymers combined with active components that provide a high volume expansion and pressure seal in the event of a fire.

Intumescent Pipewrap Roll is supplied on 25m roll. The product is 40mm wide and 2mm thick, with integral adhesive tape for securing around the pipe. Depending on the service to be protected and the fire resistance required, multiple layers of wrap may be required, the exact number and positioning of the product is detailed in the performance section of this data sheet.

- Simple to install
- No mechanical fixings required
- Water resistant
- Supplied as a 25m long roll in box dispenser
- Available to suit pipes up to 250mm O.D.



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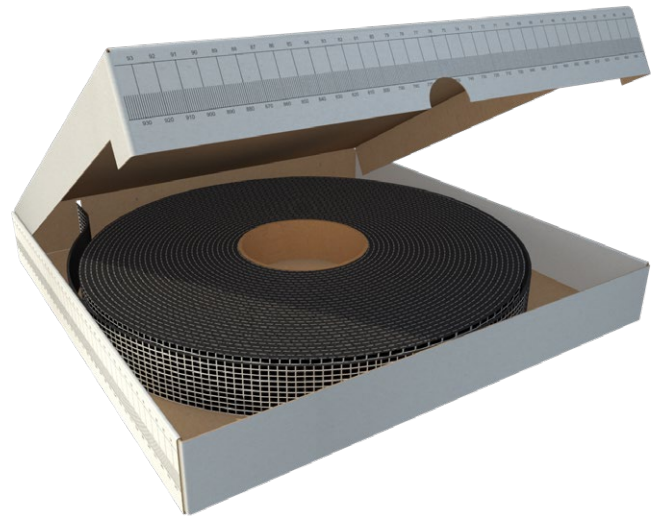
APPLICATIONS

Conlit intumescent Pipewrap Roll installation provides up to 2 hours* fire protection against plastic pipework and insulated pipes passing through walls and floors substrates. Installation to be fully in accordance with manufacturer's instructions.

**Subject to the application.*

Applicable floor constructions to be a minimum 150mm thick, constructed from autoclaved aerated concrete/ concrete/masonry with a minimum density of 650kg/m³.

Applicable wall constructions should be a minimum 100mm thick. Rigid walls to be concrete/masonry blocks a minimum 450kg/m³. Flexible wall constructions should comprise with layers of 12mm gypsum type F plasterboard each side.



Fire performance

Conlit Intumescent Pipe Wrap Roll has been tested with varying substrates where services penetrate floors and walls. Conlit Intumescent Pipe Wrap Roll can provide fire resistance periods of up to EI 240*.

**Subject to the application.*

PRODUCT INFORMATION

Property	Description
Thickness	2mm
Width	40mm
Length	25m
Density	Approximately 1.2 g/cm ³
Volume expansion at 450°C	Approximately 25 times
Shelf life	18 months if stored in a cool, well ventilated area
Expansion pressure (N/mm ²)	Up to max. 1.30

STANDARDS AND APPROVALS

Certificate

Tested to BS EN 1366-4 fire resistance standard for service installations. Penetration seals.

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INSTALLATION

The product is intended to be wrapped around the outside diameter of combustible pipework or the outside diameter of insulation on pipework and is secured by means of the integral self-adhesive strip.

1. Service apertures shall be a minimum 200mm from each other and 200mm from the seal edge.
2. Services should be securely supported no further than 400mm from the upper surface of the seal for floors or each side of the seal for walls.
3. Check that pipe surface and substrate are clean and clear of any debris.
4. Install the correct number of Conlit Intumescent Pipewrap Roll for the service type and ensure the correct number of layers of Conlit Intumescent Pipewrap Roll as detailed in the performance section of this data sheet.
5. Install the Conlit Intumescent Pipewrap Roll into the wall or floor fitted flush to both faces of the wall or floor.
6. Apply a minimum 5mm deep bead of Conlit Acoustic Intumescent Sealant over the wrap around the service. Up to a maximum 12mm annulus to be filled with minimum 5mm depth Conlit Acoustic Intumescent Sealant.
7. Maintain a record of the installation.

Under fire conditions, the intumescent material expands against the structure and fills the void left by the burnt out plastic and/or insulation.

Maintenance

During normal use, no maintenance is required.



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DISCLAIMERS

1. ROCKWOOL is a manufacturer and supplier of stone wool materials. ROCKWOOL has no control over the final design, workmanship, necessary materials or applicable conditions which can impact predicted performance.
2. All recommendations made by ROCKWOOL and all calculations, drawings and other specifications or information supplied by ROCKWOOL (for example on design, workmanship, materials, geographic, environmental, and other specific or unique end-use conditions) are therefore completely free of liability and are supplied by ROCKWOOL as non-binding information. The customer remains obliged to examine the information received on its suitability for the specific purpose intended and, if necessary, by trial processing or creation of a trial area as well as with the involvement of architects, engineers, designers and contractors etc.
3. ROCKWOOL is not liable for any direct or indirect loss or damage in any form and for any reason whatsoever arising from the advice and/or information referred to in 2 and 3.
4. Any observation made by ROCKWOOL during site visit is strictly a visual observation of normal installation practice just as any technical information transmitted is for general illustration purposes only.
5. The General Terms and Conditions of ROCKWOOL shall apply to any service given. The current version of the General Terms and Conditions is available at www.rockwoolasia.com.

SUPPORTING INFORMATION

For further information relating to any aspect of the Conlit range, please refer to the applicable ROCKWOOL standard details at www.rockwoolasia.com or contact the **ROCKWOOL technical solution team**.

SUSTAINABILITY

As an environmentally conscious company, ROCKWOOL promotes the sustainable production and use of insulation and is committed to a continuous process of environmental improvement.

All ROCKWOOL products provide outstanding thermal protection as well as four added benefits:



HEALTH & SAFETY

ROCKWOOL stone wool insulation is non-hazardous and is not classified as carcinogenic according to the note Q of the Directive. 97/69/EEC and the regulation n° 1272/2008 (IV). ROCKWOOL stone wool insulation does not contain substances of very high concern (SHVC).

ENVIRONMENT

Made from a renewable and plentiful naturally occurring resource, ROCKWOOL insulation saves fuel costs and energy in use and relies on trapped air for its thermal properties.

ROCKWOOL insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).

ROCKWOOL is approximately 97% recyclable. For waste ROCKWOOL material that may be generated during installation or at end of life, we are happy to discuss the individual requirements of contractors and users considering returning these materials to our factory for recycling.

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