

PRODUCT INFORMATION

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Product Range: UFH Ultra-Flexible Pipe

Polypipe's Ultra-Flexible Polybutylene Underfloor Heating Barrier Pipe (12, 15 & 18mm) has been designed to allow more flexibility, allowing quick and easy installation.

The pipe is manufactured from the highest grade of polybutylene (PB) and includes an EVOH (ethanol vinyl alcohol) barrier layer that is embedded within the pipe wall using a five-layer co-extrusion process.

This process ensures that oxygen cannot penetrate through the pipe wall and oxygenate the water circuit. The introduction of oxygen could potentially lead to system contamination and corrosion could occur.

Polybutylene's unique characteristics make it perfect for underfloor heating applications where flexibility & malleability is particularly necessary. This allows the pipe to be installed across a broad range of internal temperatures. Other benefits also include superior resistance to stress over long periods at high operating temperatures and Polypipe's unique pro-straight technology.

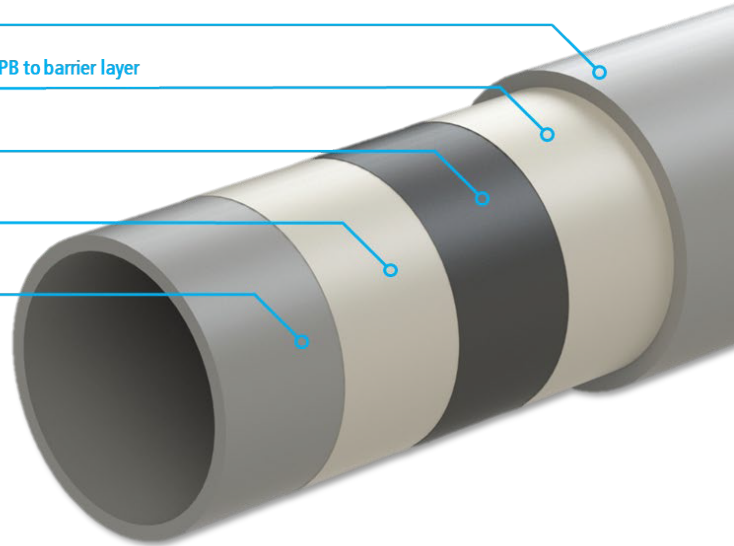
Polybutylene

Adhesive ensures secure bonding of PB to barrier layer

EVOH Barrier Layer

Adhesive

Polybutylene



Polypipe's Ultra-Flexible Polybutylene Underfloor Heating Barrier pipe is tested to the following standards:

- British Standard BS EN ISO 15876-2:2003
- BBA Certificate No 00/3699 covers polybutylene barrier pipe
- Standards Manufacturing Quality Assurance in accordance with BS EN ISO 9001 (BSI registered firm Certificate FM00318)
- Kitemark number: KM 582853

Polypipe's barrier pipe is subject to a 50 year warranty from the date of purchase. The "Guarantee Period" covers the product for any manufacturing defect.

The manufacturing process of polybutylene pipe has considerably less environmental impact in terms of energy usage and emissions than other plastic and metal pipes. In addition, Polypipe's Ultra-flexible Polybutylene Underfloor Heating Barrier Pipe is manufactured in the UK and therefore has a lower environmental impact when transporting the finished product to site.

Should any pipe become damaged during installation it is best practice for that entire circuit of pipe to be removed, and a replacement circuit laid. If however it is not possible or practical to replace the full circuit then the damage can be repaired using a specialist 'crimped' fitting from our PolySure range. The repair should be made accessible for future inspection by installing a Polypipe junction box. Please contact the Polypipe technical support desk for further information.