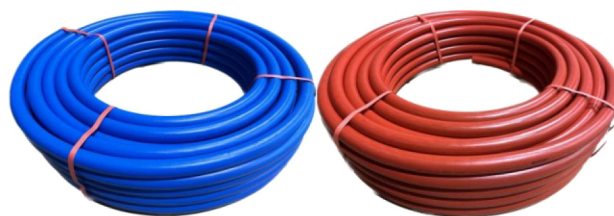


## Description

Pre-insulated pipe incorporates a fire-resistant insulation that is manufactured according to EN 14313. The insulation foam has a fire class rating of BL-S2-D0 as per BS EN13501-1. The combined assembly of the pipe, insulation, and PE-LD foil achieves a fire class rating of E according to BS EN13501-1. The range of pre-insulated pipes offers a pre-assembled solution that combines high performance insulation with ease of installation, resulting in time and cost savings.



| Product Code      | Description                             |
|-------------------|-----------------------------------------|
| NP3-1216-100-R-PI | 100m Coil 16mm Pre-insulation MLCP Red  |
| NP3-1216-100-B-PI | 100m Coil 16mm Pre-insulation MLCP BLUE |
| NP3-1620-50-R-PI  | 50m Coil 20mm Pre-insulation MLCP Red   |
| NP3-1620-50-B-PI  | 50m Coil 20mm Pre-insulation MLCP BLUE  |
| NP3-2025-50-R-PI  | 50m Coil 25mm Pre-insulation MLCP Red   |
| NP3-2025-50-B-PI  | 50m Coil 25mm Pre-insulation MLCP BLUE  |
| NP3-2632-25-R-PI  | 25m Coil 32mm Pre-insulation MLCP Red   |
| NP3-2632-25-B-PI  | 25m Coil 32mm Pre-insulation MLCP BLUE  |

## Technical data

| Performance                       |                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insulation                        | 7mm Round extruded pipe insulation made of polyethylene foam with closed-cell material structure                                                                      |
| Thermal conductivity (insulation) | $\lambda=0,040 \text{ W/m}^{\circ}\text{K}$                                                                                                                           |
| Fire resistance (insulation)      | class E to BS EN13501-1                                                                                                                                               |
| Operating conditions (hot water)  | Hot water services where the water temperature does not continuously exceed 70°C, maximum design pressure of 10 bar (conditions to class 2 - BS EN ISO 21003: 2008).  |
| Operating conditions (cold water) | Cold water services <20 °C - where the maximum system pressure does not exceed the maximum operating pressure of 10 bar                                               |
| Operating conditions (heating)    | Heating systems (high temperature radiators) - where the water temperature does not continuously exceed 80°C, 10 bar (conditions to class 5 – BS EN ISO 21003: 2008). |

## Features

- Pre-insulated
- Fire resistant
- Continuous vapour barrier
- Pre-assembled
- 25m/50m/100m coil

## Benefits

- Fast installation
- Meets the fire requirements for most building types
- Maintains the effectiveness of the insulation
- Reduced costs with no further insulation or labour required
- Perfect for joint-free plumbing applications