

## EPS Pipe Lagging

Pre-cut split EPS pipe insulation for hot, cold and chilled lines — 15NB to 650NB, 25/40/50 mm walls

### Overview

Technopol SA manufactures pre-cut expanded-polystyrene (EPS) pipe-lagging sections that split open, wrap around the pipe and close back together. Made to order across standard nominal bores from 15NB to 650NB (plus 290ID) in insulation-wall thicknesses of 25, 40 and 50 mm — supplied as two-section half-shells for smaller bores and two- or three-section sets for larger diameters. Rigid, lightweight and easy to cut and fit, EPS lagging reduces heat loss on hot lines, controls condensation on cold and chilled lines, and gives frost protection to exposed pipework across residential, commercial and industrial installations. A cost-effective alternative to mineral-fibre and elastomeric pipe insulation for moderate hot/cold duties; custom bores and thicknesses are available on request.

### Applications

- Residential plumbing — hot and cold water lines
- HVAC systems and chilled-water lines
- Refrigeration lines
- Cold-water pipes (condensation / sweating control)
- Underfloor-heating manifolds
- Industrial process pipework
- Frost protection for exposed or external pipes
- Large-bore ducting and pipe runs (2- or 3-section sets)

### Benefits

- Pre-cut split sections wrap and close over the pipe — fast, tool-light installation
- Reduces heat loss on hot lines and controls condensation on cold/chilled lines
- Frost protection for exposed and external pipework
- Rigid, lightweight and easy to cut and handle on site
- Cost-effective alternative to mineral-fibre and elastomeric pipe insulation
- Full standard NB range made to order, plus custom bores and thicknesses on request

### Specifications

Material	Expanded polystyrene (EPS)
Profile	Pre-cut curved sections that split, wrap and close over the pipe
Pipe bore range	15NB – 650NB (plus 290ID), standard nominal-bore sizes
Insulation-wall thicknesses	25 mm, 40 mm, 50 mm
Sections per set	2 (half-shells) for smaller bores; 2 or 3 for larger bores
Density — 15NB, 20NB	12 kg/m <sup>3</sup>
Density — 25NB and larger	15 kg/m <sup>3</sup>
Thermal conductivity (λ, typical EPS grade)	≈0.045 W/m·K at 12 kg/m <sup>3</sup> ; ≈0.040 W/m·K at 15 kg/m <sup>3</sup> (Technopol EPS grade table)
Duty	Hot & cold water, HVAC, refrigeration, industrial pipework
Custom sizes	Bores and thicknesses available on request

**Fire & compliance:** Standard EPS pipe lagging carries no standalone reaction-to-fire classification in the current source set, and EPS is a combustible material. Where a fire rating is required, specify a flame-retardant EPS grade (FR-Cel, reaction-to-fire class B-s1,d0) or Technopol's closed-cell PIR32/PIC32 rigid shells (DIN 4102 class B2, service to +140 °C); no Agrément certificate or fire-resistance rating applies to this product.

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