

DR TOOLSS – PRODUCT DATA SHEET

Polyethylene Foam Pipe Lagging (UK Specification)

1. Product Overview

DR TOOLSS Polyethylene Foam Pipe Lagging is a high-performance, closed-cell insulation designed for UK plumbing, heating, and HVAC applications. Engineered for maximum thermal efficiency, moisture resistance, and long-term durability, it protects pipework from heat loss, condensation, and frost damage. Suitable for domestic, commercial, and industrial installations.

2. Key Features & Benefits

- Closed-cell polyethylene foam for superior thermal insulation
- Reduces heat loss and improves system energy efficiency
- Prevents pipe freezing during UK winter conditions
- Minimises condensation, corrosion, and dripping
- Lightweight, flexible, and easy to cut and install
- Pre-slit design for fast, professional-grade fitting
- Resistant to oils, greases, and common construction chemicals
- Long-lasting insulation that will not crumble or absorb water
- Suitable for copper, plastic, and steel pipework
- Ideal for heating, cold-water, HVAC, and external pipe installations

3. Technical Specifications

- **Material Properties**

Property	Specification
Material	Closed-cell polyethylene foam
Colour	Grey
Structure	Pre-slit for easy installation
Density	Approx. 25–30 kg/m ³ (typical PE foam range)
Thermal Conductivity (λ)	0.035–0.040 W/mK
Temperature Range	-40°C to +95°C
Water Absorption	<1%
Fire Classification	Class E (EN 13501-1)
Chemical Resistance	Resistant to oils, greases, solvents
Durability	High compression resistance, long service life

4. Available Sizes (UK Standard Pipe Dimensions)

Pipe Size	Internal Diameter (ID)	Wall Thickness	Length Options
15mm	15mm	9mm / 13mm	1m / 2m
22mm	22mm	9mm / 13mm	1m / 2m
28mm	28mm	9mm / 13mm	1m / 2m
35mm	35mm	13mm	1m / 2m
42mm	42mm	13mm	1m / 2m
54mm	54mm	13mm	1m / 2m

5. Applications

- Domestic heating and hot-water systems
- Cold-water supply lines
- Loft, basement, and garage pipework
- HVAC and air-conditioning systems
- External or semi-exposed pipe installations
- Commercial and industrial piping networks
- Underfloor heating manifolds

6. Installation Guidelines

- Ensure pipe surfaces are clean and dry
- Select correct internal diameter for a snug fit
- Cut lagging to length using a utility knife
- Open pre-slit section and position around pipe
- Seal joints with insulation tape for maximum efficiency
- Avoid compressing insulation excessively

7. Compliance & Standards

DR TOOLSS Polyethylene Foam Pipe Lagging meets typical UK building and plumbing requirements, including:

- EN 13501-1 Fire Classification

- BS 5422 Thermal Insulation Standards
- Suitable for Part L energy-efficiency compliance

8. Packaging & Storage

- Supplied in protective sleeves or cartons
- Store in a cool, dry environment
- Avoid prolonged exposure to direct sunlight
- Keep away from sharp objects to prevent damage

9. Brand Assurance

DR TOOLSS is committed to delivering reliable, trade-quality insulation products for the UK market. Our pipe lagging is engineered for long-term performance, ease of installation, and consistent protection across all plumbing and heating systems.

10. Contact & Support

DR TOOLSS – United Kingdom

For bulk orders, technical support, or trade enquiries:

+44-7985502002

www.drtoolsuk.com