SERIES DATASHEET

# PE–AL–PE Gas Pipe

Yellow–jacketed PE–AL–PE pipe for low–pressure gas lines, ⩽ 0.4 MPa.

## Models and sizes

| Model | Version | OD × wall thickness | Aluminium layer | Nominal pressure | Supply form |
|---|---|---|---|---|---|
| SL–PEG–1620 | Overlap–welded | 16 × 2.0 | 0.20 | 0.4 MPa | 100 / 200 m coils |
| SL–PEG–2020 | Overlap–welded | 20 × 2.0 | 0.25 | 0.4 MPa | 100 / 200 m coils |
| SL–PEG–2525 | Overlap–welded | 25 × 2.5 | 0.30 | 0.4 MPa | 50 / 100 m coils |
| SL–PEG–3230 | Overlap–welded | 32 × 3.0 | 0.40 | 0.4 MPa | 50 / 100 m coils |
| SL–PEG–4035 | Overlap–welded | 40 × 3.5 | 0.50 | 0.4 MPa | 50 / 100 m coils |

## Technical data

| | |
|---|---|
| **Designed with reference to** | GB/T 18997.1 (gas type) · ISO 17484 |
| **Application class** | Gas ⩽ 0.4 MPa, −20 to 60 °C |
| **Nominal pressure** | 0.4 MPa (4 bar) |
| **Max. operating temperature** | 60 °C |
| **Aluminium layer welding** | Overlap–welded aluminium layer |
| **Thermal conductivity** | 0.45 W/(m·K) |
| **Linear expansion** | 0.025 mm/(m·K) |
| **Bending radius** | ⩾ 5 × OD by hand, ⩾ 3 × OD with a bending spring (16–32 mm) |
| **Colours** | Yellow outer layer |
| **Supply form** | 16–20 mm: 100 / 200 m coils · 25–40 mm: 50 / 100 m coils |
| **Joining** | Fittings suited to gas service, selected according to the system |
| **Pipe marking** | Model, size, production date and batch number printed along the pipe |
| **Dimensional tolerance** | OD +0.3 / 0 mm |

Manufacturing & Supply Basis: Listed values are catalogue specifications. Production tolerances, marking and packing follow the approved sample and order technical schedule. Confirm the project temperature–pressure profile separately. We specialize in multilayer composite pipes, supplied as coils and straight lengths. Please select fittings for the corresponding pipe dimensions and installation system.