



TUBEX® THERMAL INSULATING BANDS AND BOARDS

- High thermal-insulating efficiency
- Easy installation, disassembling and reusing
- Low weight, high flexibility and elasticity
- Easy to cut with knife, no crumbling
- Resistance against damping
- Chemical resistance
- Protection of fittings against condensation of water vapours and corrosion
- Ability to absorb acoustic effects
- Good adhesion with suitable adhesives
- Harmless to health and environment



Thermal insulating sheet of expanded polyethylene - grey



Thermal insulating sheet of expanded polyethylene - white

Bands of standard design

- thermal insulation under flooring, laminate floors and parquetry
- its primary use is to make uneven floor even
- acoustic and thermal insulation under concrete floors
- insulation of larger fittings, adapters and piping distributions of hot and cold water, air-conditioning and air-handling systems
- dilatation strips and fills
- packaging material

| Technical parameter | Value | Standard |
|---|------------------------------------|------------------------|
| Reaction to fire | Class E | ČSN EN 13501-1+A1:2010 |
| Thermal conductivity (10 °C) | $\leq 0.04 \text{ W/(mK)}$ | ČSN EN ISO 13787 |
| Water vapour permeability | MU 2000 | ČSN EN 13469 |
| Releasing of harmful substances | does not contain | AHEM 3/2000 |
| Deviation from the minimum thickness d_N | Class T6 -0/+1 | ČSN EN 823 |
| Long-term absorbability WL(T) (kg/m ²) | Class WL(T)5 4.4 kg/m ² | ČSN EN 12087 |
| Compression stress at 10% compressing σ_{10} | CS (10)10 10.23 kPa | ČSN EN 826 |
| Compressibility c (mm) | CP1 0.81 mm | ČSN EN 12 431 |

Production of TUBEX® insulation is certified and in compliance with requirements of ČSN EN ISO 9001:2009.

ASSORTMENT OF DIMENSIONS

| Design (colour) | Thickness (mm) |
|---|----------------|
| Colour design as required by the customer | 0.8 – 80 |



Thermal insulating sheet laminated with polyethylenephtalate foil with aluminium film



Thermal insulating sheet laminated with aluminium foil



Thermal insulating sheet laminated with polyethylene foil



Thermal insulating sheet provided with self-adhesive tape with paper cover

Bands laminated with aluminium foil or polyethylenephtalate foil with aluminium film

- reflexive foil for use behind heating radiators, under underfloor heating
- insulation of large tanks
- insulation of air-conditioning and air-handling equipment, including piping distributions
- sheet insulation of cooling technology
- insulation of larger fittings, adapters and piping distributions
- self-adhesive foils for precise and quick gluing of larger surfaces

Bands laminated with polyethylene foil

- thermal insulation under flooring, laminate floors, parquets, non-permeable for water and water vapours
- to make uneven floor even