

Technical parameter	Value	Standard
Reaction to fire	Class E	ČSN EN 13501-1+A1:2010
Thermal conductivity (40 °C)	≤ 0.04 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 9001:2016.

TUBEX® THERMAL INSULATING BANDS AND BOARDS

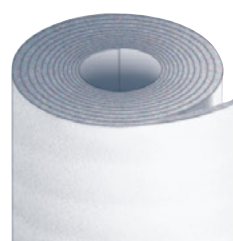
ASSORTMENT OF DIMENSIONS

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

- 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 for health and environment



Thermal insulating sheet of expanded polyethylene - grey



Thermal insulating sheet of expanded polyethylene - white



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 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

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