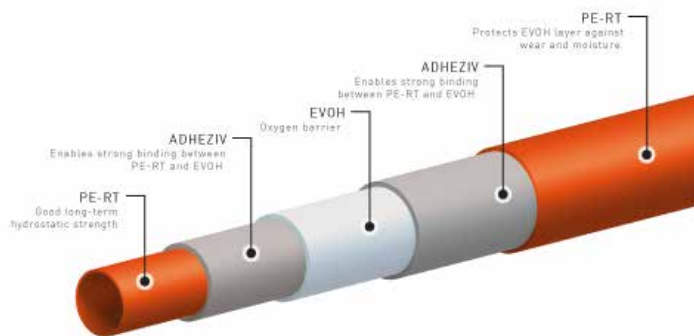


Product description

PE-RT Oxy five layer pipe is made of polyethylene with raised temperature resistance (PE-RT Type II), which possess good long term hydrostatic strength. PE-RT Type II protect damage of EVOH layer from wear and moisture during transport and construction which ensure the full efficiency of EVOH oxygen barrier during the long period e.g. proposed service life of pipe. EVOH layer doesn't allow diffusion of oxygen into the heating system therefore prevent corrosion of metal parts and devices.

Pipe construction: Inner PE-RT layer, Adhesive layer, EVOH layer, Adhesive layer, Outer layer made of PE-RT



Application

Peštan PERT OXY-pipe system is used for floor heating or radiator heating.

For hot and cold water distribution.



BELNIIS - Belarus



KIWA - Netherland



VUPS - Czech Republic



BELNIIS - Belarus



IMS - Serbia



GOST R - Russia



MPA - Germany



IGH - Croatia

Characteristics and technical data

- Good long term hydrostatic strength without crosslinking.
- Fusible with all know welding methods.
- Very high stress crack resistance.
- High flexibility.
- Good creep behavior.
- It melts on temperatures above 140°C.
- It burns on the open flame and turn into CO₂ and water.
- Material: PE RT, EVOH
- Max. operating pressure (ISO 22391) at 60 °C: 10 bar
- Max. temperature: 95 °C

Product Availability

PERT-OXY pipes are made in diamteres Ø16 X 2 mm, Ø17 X 2 mm, Ø18 X 2 mm, Ø20 X 2 mm, Ø22 X 3 mm, Ø28 X 3 mm and Ø28 X 4 mm.

The products come in rolls of various lengths depending on the customer's demand, the diameter and the presence of a protective tube.

Chemical resistance

High chemical resistance to a large number of compounds. Plastic pipes and fittings - Combined chemical-resistance classification table ISO/TR 10358.

Technical Assistance

Our technical and engineering team is supported and advised by European institutes. For more information about products please contact PEŠTAN technical support or regional salesman.