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**AIS PEX EVOH PIPES**

The AIS PEX EVOH is a cross-linked polyethylene pipe by the peroxide method. This crosslinking technology makes it possible to achieve crosslinking degrees higher than 80%. Furthermore, with this peroxide crosslinking process, excellent crosslinking uniformity is guaranteed at all points of the pipeline, all combined with the anti-oxygen diffusion properties provided by the EVOH barrier. The pipe is manufactured in accordance with the UNE-EN ISO 15785 standard and in accordance with the requirements of the European standard UNE-EN 1264-4.

**AIS PEX EVOH PIPES ADVANTAGES:**

- ✓ High Flexibility: they allow to be bent cold manually.
- ✓ Resistance to high temperature and pressure: 95°C - 6bar.
- ✓ Resistance to oxygen diffusion.
- ✓ High resistance to chemical agents.
- ✓ Low roughness - no incrustations - higher flow - lower pressure drops.
- ✓ Low thermal conductivity – minimal heat loss.
- ✓ High resistance to corrosion and abrasion.
- ✓ Much lighter than metal pipes.
- ✓ Suitable for conducting drinking water
- ✓ Specially designed for underfloor heating applications.
- ✓ They have “thermal memory” - they return to their original shape with the application of hot air, making it possible to correct installation errors and make repairs with ease..
- ✓ Ideal for seismic areas: they absorb higher stresses than metal pipes.



**TECNICAL FEATURES:**

Reference	113.16240/113.16500
Coefficient of linear expansion	0.14mm/mK
Maximum operating temperature	95°C
Thermal conductivity	0.4W/mK
Maximum operation pressure	6bar
Roughness	0.0004mm
Minimum radius of curvature	5xDN mm

**PRESENTATIONS FORMATS:**

AIS PEX pipes can be supplied in 200 and 500 meter rolls.