**HENCO Standard PE-Xc/AL/PE-Xc Pre-insulated Pipes:** Sizes 14mm, 16mm, 18mm, 20mm, 26mm, 32mm and insulation thicknesses of 6mm or 10mm. Sizes 16mm, 18mm, 20mm, 26mm, 32mm and insulation thicknesses of 13mm.

**The 5-layer pipe shall comply with EN 1254-3 and EN-ISO 21003-2 and be approved by WRAS, DVGW, KIWA, DNV, ATG suitable for the following applications:**

1. Drinking Water, including recirculation systems
2. Heating
3. Underfloor heating
4. Chilled water
5. Other applications (on request and after HENCO’s written consent)

The white multi-layer pipe shall consist of 5 layers, Outer and inner layer made of PE-Xc, adhesive bonding layers with pull strength of 55N/10mm and inner layer of 0.4mm butt welded Aluminium, welding checked every 0.1mm.

The protective close cell cover around the closed cell PU insulation shall be available in red and blue colour.

The achievable bending radius shall be minimum 3x DU. The multi-layer pipes shall be able to configure into a system by using HENCO press, compression or push fittings.

Suitable for application classes 1, 2, 4 and 5 (EN ISO 21003-1).

Min. working temperature: 5 °C and max. working temperature 95°C (EN ISO 21003-1). Max. working pressure: 16 bar (EN ISO 21003-1) (refer to manufactures operating conditions). Thermal conductivity: 0,40 W/mK, Coefficient of Linear Expansion: 0.025mm/mK. Maximum sound damping: up to 23dB (DIN 52218). Fire classification of insulation: CL,-s1-d0.

The Standard PE-Xc/AL/PE-Xc Pre-insulated pipes shall be installed and tested following the manufacturer’s installation instructions and according to appropriate codes of practice