



Your health, our priority

The **Henco system** with PE-Xc/AL/PE-Xc pipes and synthetic PVDF fittings can be considered the **most hygienic piping system for (drinking) water on the market**. All of it made in the heart of Europe, **made in Belgium**, in accordance with the strictest quality standards.

Because we realise that water is life, only the best materials will do. We take care of your (drinking) water. We are Henco. **WE CARE TO CONNECT.**

How do we ensure this?

The multilayer pipes consist of cross-linked or reinforced polyethylene with an aluminium core. Cross-linking is done **physically**. It involves making connections between the PE molecules in order to obtain a reinforced structure that makes the PE resistant to high pressures and temperatures. The physical cross-linking of PE-HD (high-density polyethylene) is achieved by firing electrons onto the pipe; non-cross-linked PE-HD will then turn into cross-linked PE-Xc.

No chemicals whatsoever are used to cross-link this type of PE, as opposed to the production of PE-Xa and PE-Xb, where peroxide (PE-Xa) and silane (PE-Xb), respectively, are added to the PE to obtain a reinforced structure.

Unlike chemical cross-linking, PE-Xc does not require any post-rinsing and there is no risk whatsoever that the PE-Xc will give off an odour when the (drinking water) tap is opened. After all, Henco's cross-linking process fully sterilises the Henco pipe. As **pure and clean** as can be. Our (drinking) water deserves the best and cleanest pipes!

However, a piping system requires more than just the most hygienic pipes. It also needs fittings. Fittings that meet the **strictest hygiene requirements** and are simultaneously resistant to high pressures and temperatures. A material that has all these properties is the synthetic **PVDF**. PVDF (polyvinylidene fluoride) is a high-performance polymer that is used when **purity**, strength and flexibility are needed. In addition, the synthetic material has a high chemical resistance: soft or hard water, PVDF can handle anything and is immune to corrosion.

In short, the combination of PE-Xc/AL/PE-Xc pipes and PVDF fittings is a **pure and corrosion-proof system**. An extremely **durable** system, made in the heart of Europe, **made in Belgium**, in accordance with the strictest **quality standards**. Because we realise that water is life, only the best materials will do. We take care of your (drinking) water. We are Henco.

WE CARE TO CONNECT