

high purity

High purity thermoplastic piping systems have evolved to satisfy the stringent demands of the chemical, pharmaceutical and semi conductor industries.

Agro high purity piping products offer an unrivalled choice of dimensions, components and special geometries of fittings, which meet and exceed the demands of ultra pure water (UPW) users.

PVDF (polyvinylidene fluoride) has become the material of choice for UPW distribution systems, thanks to its level of purity, surface characteristics and pressure temperature capabilities.

PolyPure (natural polypropylene) is a natural unpigmented polypropylene offering good chemical resistance and excellent weldability. PolyPure is most suitable for use in less critical UPW systems up to 50°C where great demands are placed upon chemical resistance.

High purity polypropylene (PP-Pure) systems are especially suitable for applications in the chemical and semi conductor industries. UPW reclaim systems, cold and hot UPW piping, as well as drain and waste systems are ideal applications for PP-Pure.

Ideal for the semiconductor, electronic, biotechnology, healthcare, university, and laboratory industries, Harvel LXT® low-extractable piping is made from an innovative clean PVC compound that offers ease of installation.

application guide

Temperature range: PVDF-HP -40°C to +140°C
PP-Pure 0°C to 95°C
Polypure 0°C to 50°C
LXT 0°C to 60°C

- Lightweight
- Easy to install
- Minimal contamination of flow stream
- Suitable for ultrapure liquids in electronics and pharmaceutical industries

standards and approvals

PVDF-HP : BS EN ISO 10931:2005
Polypropylene Pipe : DIN 8077/8078
Polypropylene Fittings : DIN 16962
LXT Pipe : ASTM D 1785
LXT Fittings : ASTM D 2467

section guide

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