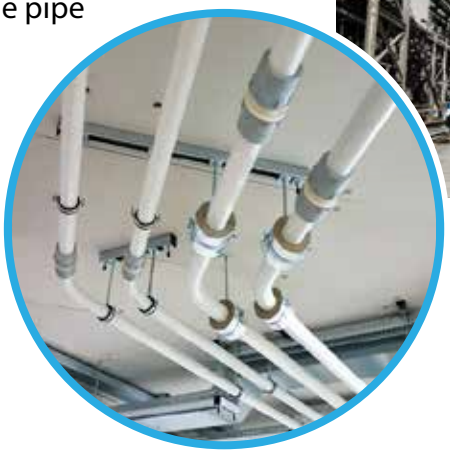
aquatechnik

Solutions for compressed air & plant-engineering

Both the safety plus system and fusio-technik system offer competitive advantages over traditional metallic compressed air systems. The system eliminates corrosion that can often lead to compressor failures or leaks in the system creating long run times and corrosion or debris getting to vital components in the system.

aquatechnik® offers UV resistant version of both piping systems that encompasses a UV stabilizer into the outer layer of the pipe and does not require any additional steps such as painting or scrapping the pipe.

The UV resistant safety plus guarantees UV resistance from the sun for up to 10 years.

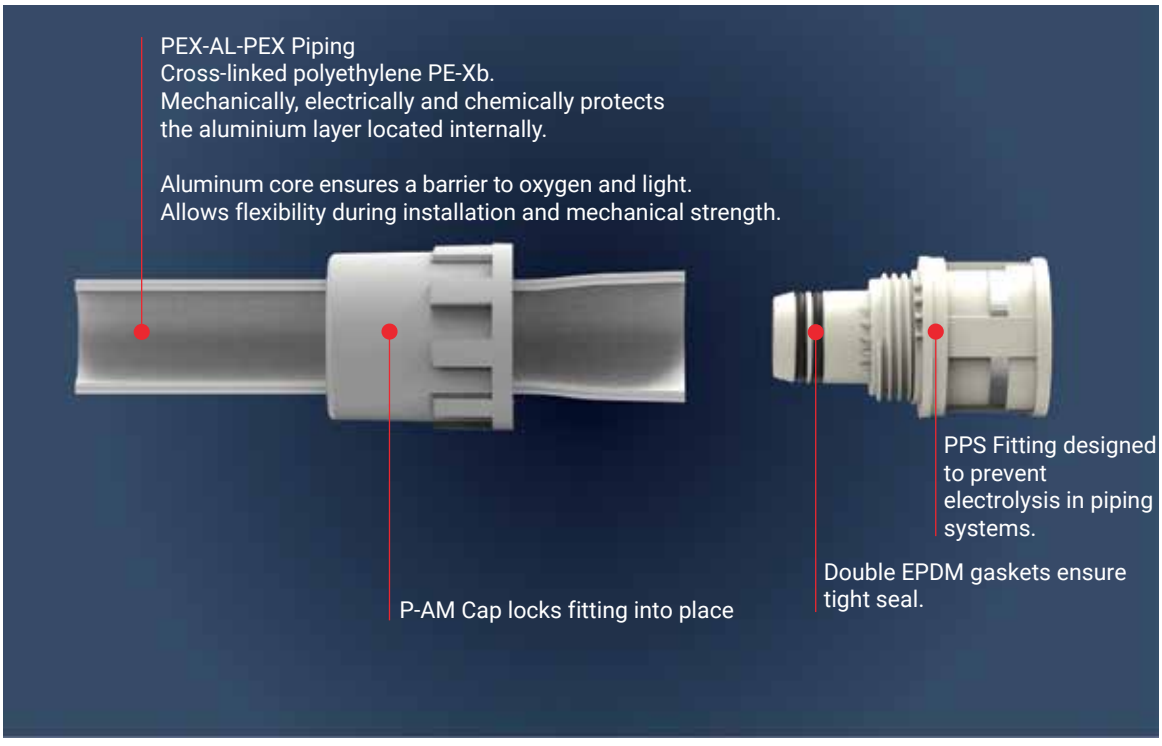


safety plus Range Available
From Ø ½" to 3"

Safety-Plus available in special 7/8" UV resistant white pipe for outdoor applications

aquatechnik® pipes are suitable for a wide variety of compressed air applications including agricultural, robotics and industrial sector.

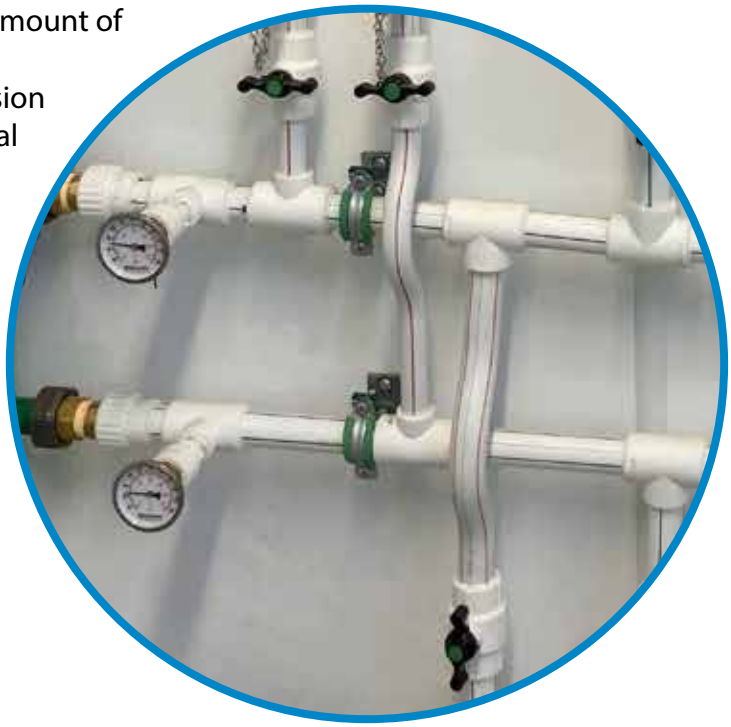
Due to their inherent non-corrosive nature, aquatechnik® offers a comprehensive **30 year warranty**.



Safety-Plus Advantages

- Simple and safe connections for in-wall installations
- High impact-resistant
- High flow rates/ low pressure drops Quick-and-easy installation
- Possibility to unlock fittings for re-use
- Resistant to lime, cement, plaster and electro-chemical reaction
- Low cost and economical dedicated tools
- Extremely flexible
- High working temperature and high pressure tolerant
- Chemically safe and stable for food-grade fluids
- Non-corrosive
- Leader in high flow rates and low pressure drops
- Economical quick-and-easy installation
- Impermeable to oxygenated fluids

safety plus+ is available in multiple coil sizes reducing the amount of joints required and potential leak paths resulting in lower installation and service costs. While fusio-technik uses a fusion weld to create a homogeneous weld to eliminate a potential for leaks over the lifespan of the system.



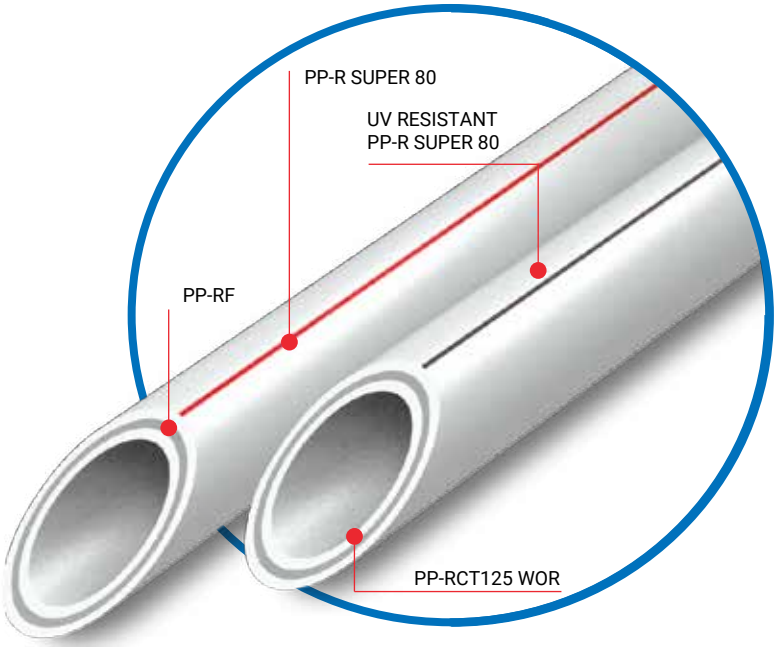
Maximum Recommended System Pressures for Compressed Air

	Safety-Plus System PEX-AL-PEX	fusio-technik FIBER-T Red Striped Pipe SDR 7.4	fusio-technik FIBER-COND Grey Striped Pipe SDR 11	fusio-technik FIBER-LIGHT Green Striped Pipe SDR 17.6
System Pressure	225	230	150	90

Operating Pressure with ambient temperatures between 41°F - 104°F

fusio-technik Range Available

From Ø ½" to 6""



fusio-technik Advantages

- The leader in high flow rate and low pressure drop
- Resistant to lime, cement, plaster and electro-chemical reaction
- Completely compatible with warm and cold fluids
- No scaling, corrosion or biological build-up
- 1/5th lighter than metal pipe
- Injection molded fittings up to 12" diameter
- Easy, safe flame-and-fumes free installation, plus low maintenance
- Approved and tested to ANSI/ ASHRAE Standard 90.1 and ULC S102.1 with approved 1/2" insulation
- **Comprehensive 30-year warranty**

1+1=1

Heat fusion creates a homogeneous union of aquatechnik PP-RCT 125 and PP-R Super 80 pipe and fittings. The fused joint is stronger than the pipe itself, ensuring a durable leak-free connection.

aquatechnik

Comprehensive line of innovative pipe solutions

multi-calor

Wide range of high quality multilayer pipes in PE-X with oxygen barrier; as well as special UV coated 7/8" pipe

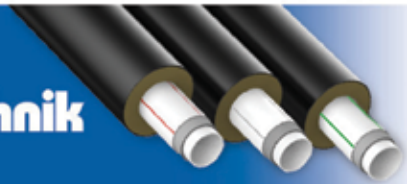
safety.plus

Patented system of synthetic material fittings

fusio-technik.

Pipes and fittings in PP-RCT WOR for polyfusion welding

iso-technik



Pre-insulated pipes and fittings in PP-RCT WOR for polyfusion welding

aquatechnik North America
1145 Sutton Drive, Units 3 & 4
Burlington, Ontario Canada
L7L 5Z8

1-844-FUSION3
(1-844-387-4663)
F: 905-602-7422
E: info@aquatechnikna.com

www.aquatechnikna.com

aquatechnik group spa can make, without warning, changes to substitutions to its products and its technical documentation to which the users are invited to up-date periodically consulting the documentation on the website. However, the images contained in the catalogues, information and advertising materials are indicative and not binding.