



WELDING FITTINGS

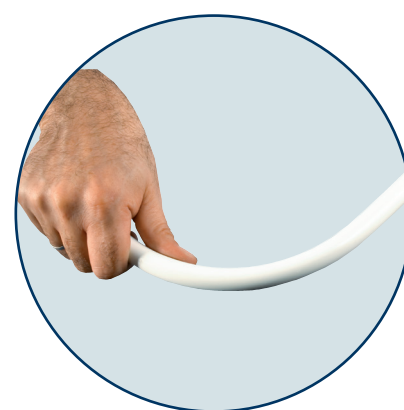
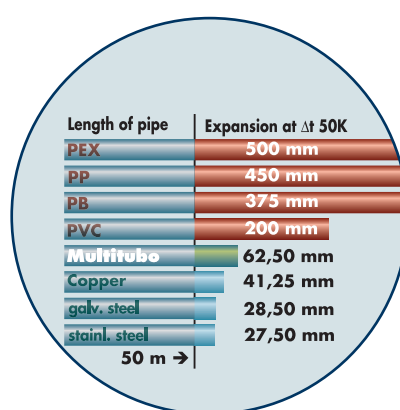
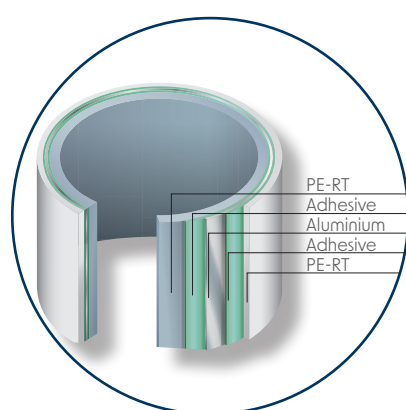
16-75

multitubo 

MULTITUBO MULTILAYER PIPE

– FLEXIBLE AND SECURE

Our Research and Development has been supporting innovation and growth in the multi-layer pipe market for more than 30 years. This means our customers can rely on the quality of our products and the design that delivers them.



Highest hygienic safety

- PE-RT is hygienically clean with a very smooth surface
- No corrosion, the surface quality remains the same throughout the total time of operation
- No deposits are able to impact the functionality of the pipe.

Low thermal expansion

- Linear expansion similar to copper pipe
- Lower thermal activity means lower stress in long term usage for the pipe

Formstable – Easy Working

- Once the pipe is bent it remains in its form
- No complex fixing required
- Able to be installed in low ambient temperatures without preheating the pipe



Recyclable Composite Material

- Environmentally friendly due to the lower use of natural resources
- Combines the advantages of metal and plastic pipes
- Up to 70% lighter than metal pipes
- 100% Oxygen-diffusion barrier



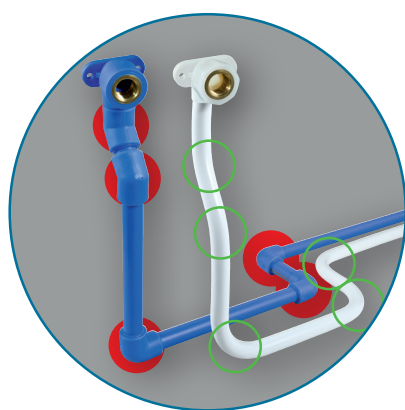
WELDING-FITTINGS

– HOMOGENEOUS CONNECTION

MULTITUBO systems welding fittings combine the advantages of Alu-Multilayer pipes with welded connections. Our patented technology enables a homogeneous and hermetic connection.

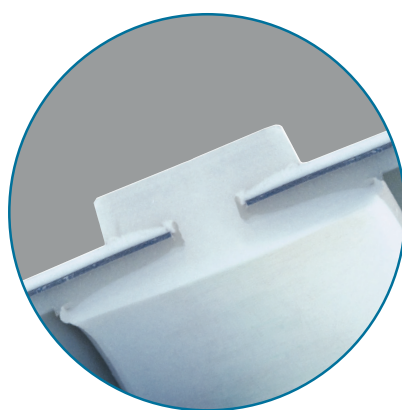
To make this possible we enhanced the traditional welding technology: The MULTITUBO systems pipe is welded from in- and outside. This means the pipe is totally embedded into the fitting.

The lightweight PE-RT Fittings are up to 90% lighter than the the equivalent Metal-Press-Fittings.



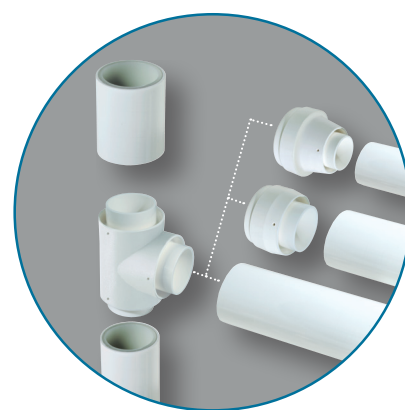
Less fittings per meter

Compared with traditional welding systems our innovative welding system, with the advantages of the PE-RT /Al / PE-RT pipes, has the benefit of reducing the number of fittings required, which also saves installation time.



Homogenous and hermetic connections

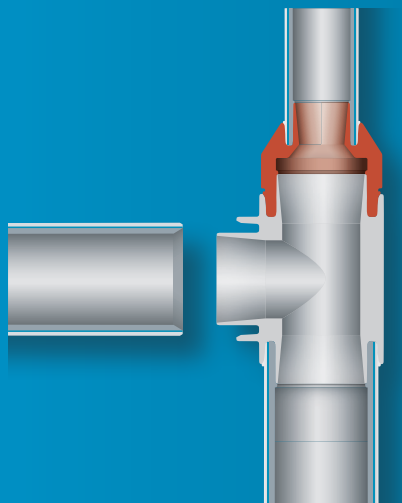
The welding fittings are produced of the same PE-RT material as the pipe's inner- and outer-layers. During the welding process both parts merge to a homogenous and hermetic connection – a permanent single connection without any sealing parts.



Simple to reduce

Designed as a modern modular-system all required reductions can be done fast and easy by yourself. Similar to connecting a pipe to the fitting, the adapters must be welded to the larger fitting, creating the reduction as required.

- Fittings made of **PE-RT Type II**
- **Patented connection technology:** Special Profile geometry for perfect flow of the material
- **Thread fittings with lead-free inserted brass screw inserts**
- Pipe does **not need to be peeled off**
- **Chamfer the pipe , heat-up pipe and fittings simultaneously, join them, done!**
- **No corrosion** thanks to 100% protection to the aluminium layer.
- **Simple pipe dimension transitions** by using reduction-adapters



- **The cost-saving solution** for Dim. 16mm to 75mm
- **The first welding solution technology for Al-Multilayer pipes**
- **Fewer fittings** required than with traditional weldable pipe systems
- **Up to 90% weight reduction**, compared with Metal-Press-Fittings
- **Homogeneous, hermetic connection**
- **Welded inside and outside**, for highest safety



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Subject to technical changes. For detailed technical information and installation instructions, please refer to the technical manual under „Downloads“ on our website or request them directly from us.