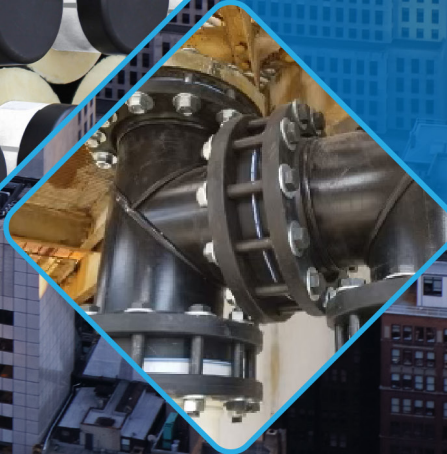
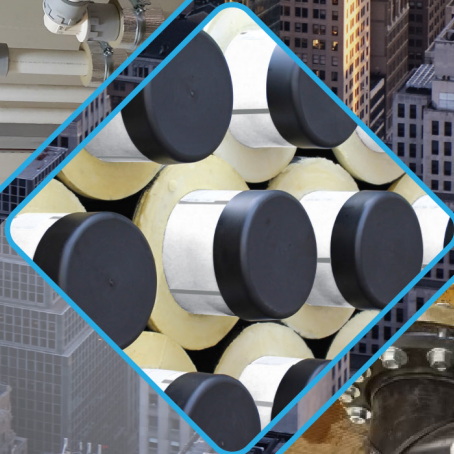




aquatechnik

Solutions for plumbing & plant-engineering



safety® plus+ System

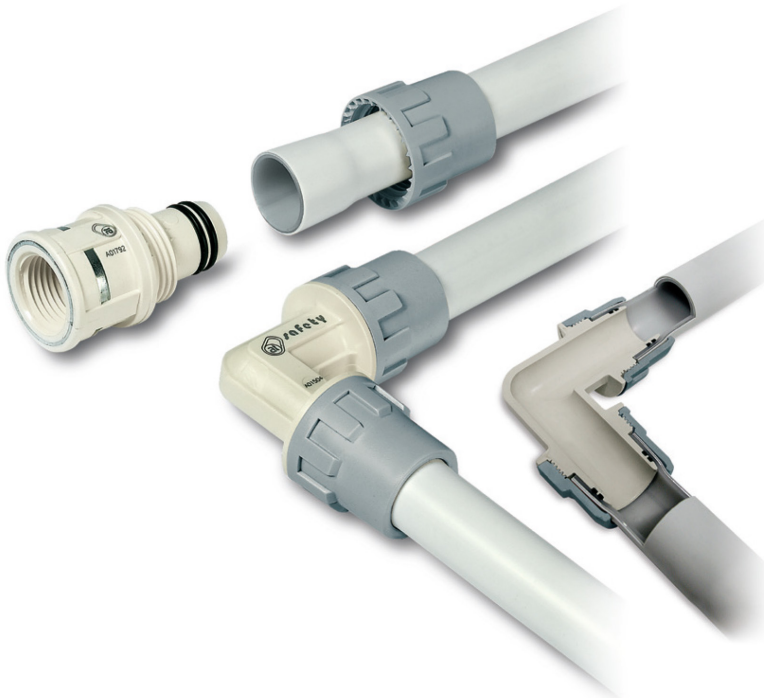
Multi-Calor multi-layer pipe (PEX-AL-PEX) & patented Safety®-Plus fittings of PPSU with PAM Caps

Range

From Ø ½" to 3"

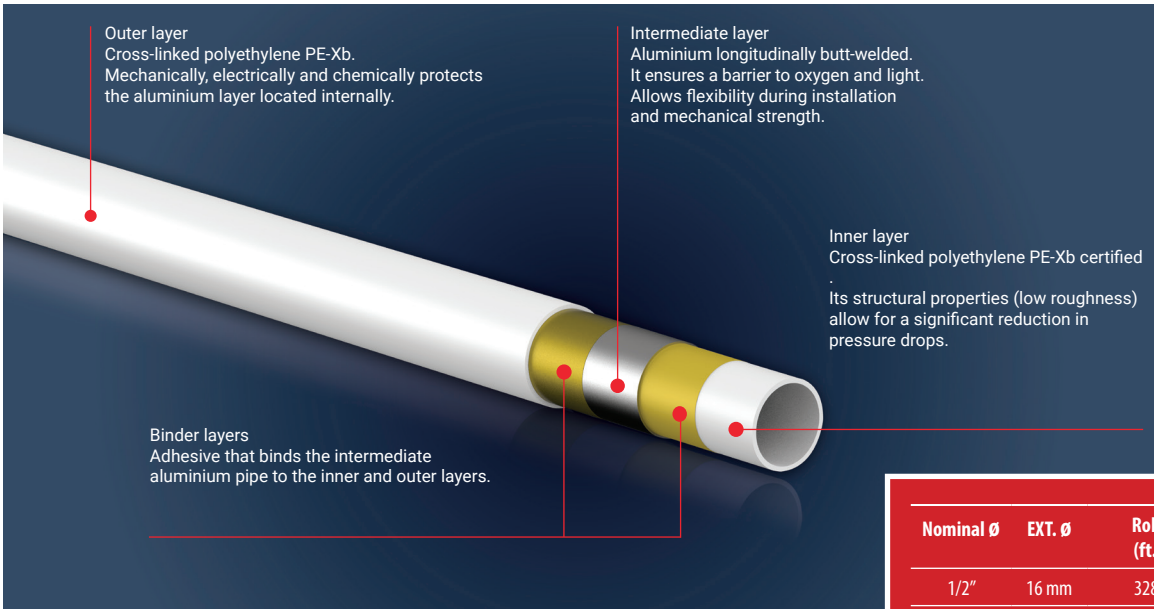
Use

Transport of hot/cold fluid and non-potable fluids with maximum working temperature/pressure 203°F/145psi



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



Nominal Ø	EXT. Ø	Roll (ft.)	Bundles (13 ft. Sticks)
1/2"	16 mm	328	15
5/8"	20 mm	328	10
7/8"	26 mm	164	10
1"	32 mm	164	8
1-1/4"	40 mm	N/A	5
1-1/2"	50 mm	N/A	5
2"	63 mm	N/A	3
2-1/2"	75 mm	N/A	2
3"	90 mm	N/A	1

fusio-technik®

PP-RCT 125 and PP-R Super 80 pipe and fittings for polyfusion welding

aquatechnik® has been manufacturing and distributing Fusion-Tech piping since the early 1980's. The **fusio-technik Pipe** family includes the faser **FIBER-T** faser **FIBER-COND** and new **FIBER-LIGHT** pipes with special reinforced fibers in the middle layer.

Range

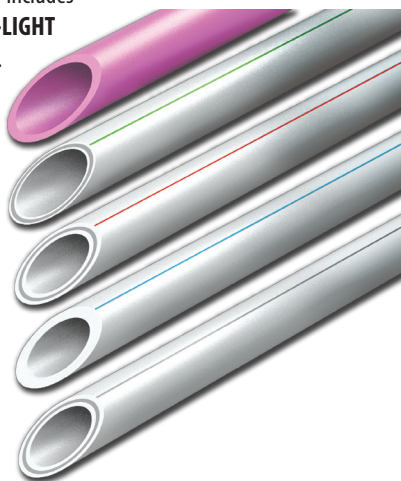
From Ø ½" to 24"

Use

For most plant systems, hot/cold fluids, potable and non-potable fluids with a maximum working temperature of 203°F.

Applications

Sanitary systems, domestic plumbing, heating/cooling, industrial, food grade and non-food grade fluid transport.



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 homogenous 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.

The **fusio-technik** family includes the **faser FIBER-T**, **faser FIBER-COND** and **faser FIBER-LIGHT** pipes with special re-enforced fibers in the middle layer.

The **faser FIBER-T** is ideal for heating, air conditioning, domestic hot water, warm water transport, irrigation and compressed air systems.

The **faser FIBER-COND** is designed for mechanical systems such as heating/ cooling water, swimming pools, agriculture and other mechanical systems.

The **faser FIBER-LIGHT** is designed for low temperature, low pressure mechanical systems such as chilled water, irrigation and agricultural needs.



Like all the pipes in the system, the **FIBER-T**, **FIBER-COND** and the **FIBER-LIGHT** can be polyfused with the Fusio-Technik fittings. All PP-R fittings with brass are lead-free (NSF 372).



aquatechnik® products carry multiple listings and approvals including NSF 14, NSF 51, NSF 61, NSF-rw and ASTM 2389-17 on different products. Please visit the aquatechnikNA.com website to view the full listing and approvals of each individual product.

fusio-technik® UVRES

Proprietary UV resistant PP-RCT 125 pipe and fittings

Range

From Ø ½" to 24"

Use

For most plant systems, hot/cold fluids, potable and non-potable fluids with a maximum working temperature of 203°F

fusio-technik UVRES is an easy-to-install, safe and long-term outdoor piping solution offering these distinct advantages.



Advantages

- 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
- Economical quick-and-easy installation
- UV stabilizer built into outer layer
- Saves time, cost and risk associated with painting pipe or cutting and scraping a polyethylene jacket on the pipe
- Compatible with all other aquatechnik pipe and fittings



iso-technik

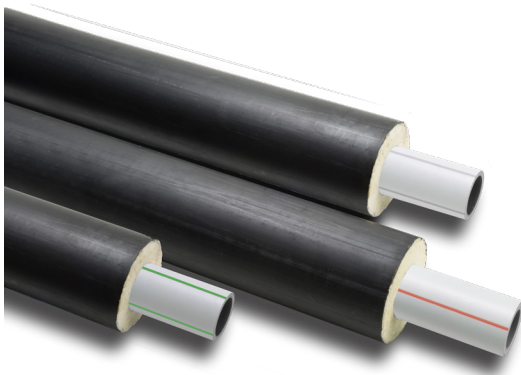
Insulated PP-RCT 125 pipe and fittings for polyfusion welding

Range

From Ø 1" to 12"

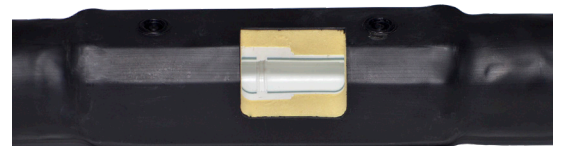
Use

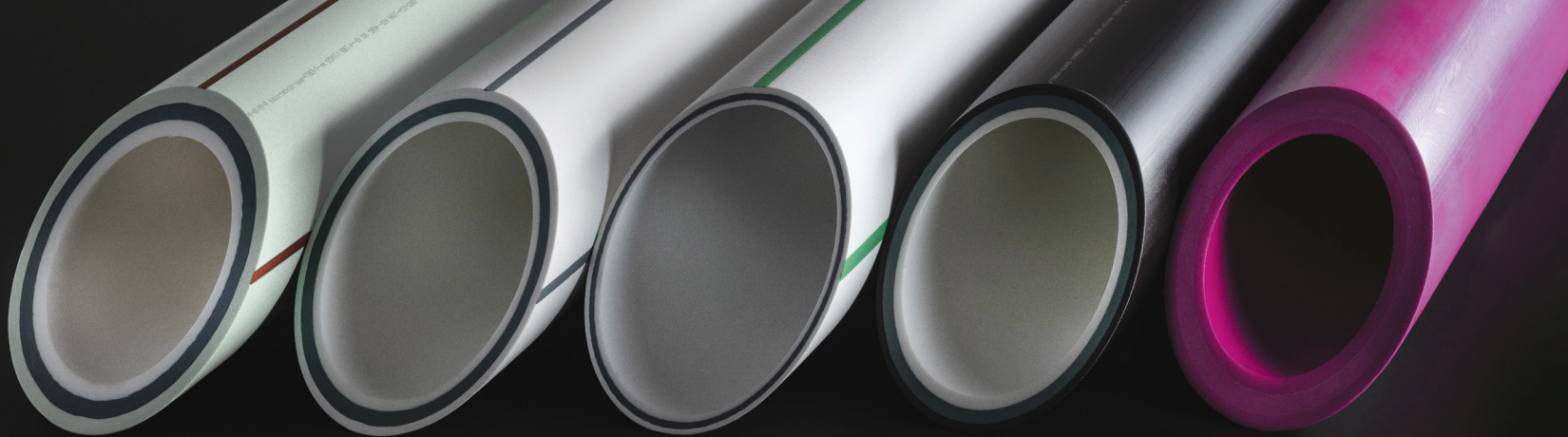
For most plant systems, hot/cold fluids, potable and non-potable fluids with a maximum working temperature of 203°F.



Advantages

- 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
- Economical quick-and-easy installation
- Pre-insulated for outdoor use
- Self-compensates for thermal expansion
- Acceptable for direct bury applications





		safety[®] plus⁺	fusio-technik FIBER-T Red Striped Pipe	fusio-technik FIBER-COND Blue Striped Pipe	fusio-technik FIBER-COND Grey Striped Pipe	fusio-technik FIBER-LIGHT Green Striped Pipe	fusio-technik UVRES	fusio-technik Rain Water Violet Pipe	iso-technik FIBER-T Red Striped Pipe	iso-technik FIBER-COND Grey Striped Pipe	iso-technik FIBER-LIGHT Green Striped Pipe
	Drinking water at high temperature	● Suitable Use	●	● Possible Use	●	●	●	●	●	●	●
	Drinking water at low temperature	●	●	●	●	●	●	●	●	●	●
	Heating	●	●	●	●	●	●	●	●	●	●
	Conditioning/cooling	●	●	●	●	●	●	●	●	●	●
	Chilled water	●	●	●	●	●	●	●	●	●	●
	Swimming pools	●	●	●	●	●	●	●	●	●	●
	Heating/ Cooling for sports facilities	●	●	●	●	●	●	●	●	●	●
	Conveying chemicals*	●	●	●	●	●	●	●	●	●	●
	Rainwater	●	●	●	●	●	●	●	●	●	●
	Irrigation	●	●	●	●	●	●	●	●	●	●
	Compressed Air	●	●	●	●	●	●	●	●	●	●
	Floor heating and cooling	●	●	●	●	●	●	●	●	●	●
	Naval	●	●	●	●	●	●	●	●	●	●
	District heating**	●	●	●	●	●	●	●	●	●	●
	Civil geothermal plants	●	●	●	●	●	●	●	●	●	●
	Industrial geothermal plants	●	●	●	●	●	●	●	●	●	●
	Agriculture	●	●	●	●	●	●	●	●	●	●
	UV Exposure	●	●	●	●	●	●	●	●	●	●
	Fire Resistance	●	●	●	●	●	●	●	●	●	●

* Consult Factory
 ** Max. 194°F / 90°C



aquatechnik

Comprehensive line of innovative pipe solutions

multi-color



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

safety^{plus}



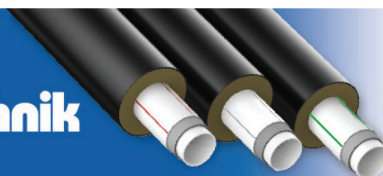
Patented system of synthetic material fittings

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

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