



Plastic pipes easily and reliably

FV PP-RCT/GF FASER $\varnothing 125 - \varnothing 250$ mm

New multilayer PPR pipes with glass fibres



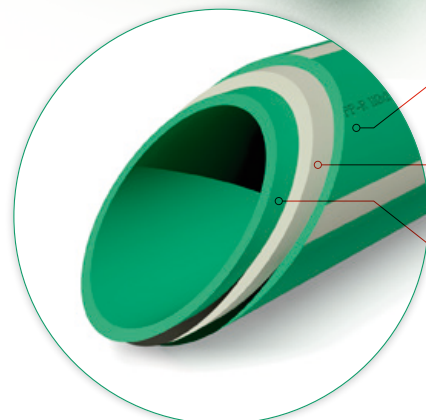
They are welded like the common PPR – it is not necessary to remove outer layers before welding.



A higher range of working temperatures – shape resistance between 0°C to 90°C



Over 50-year service life at 20 bar and 20°C



outer layer of PP-RCT

the middle layer of PP-RCT and glass fibers

inside layer of PP-RCT

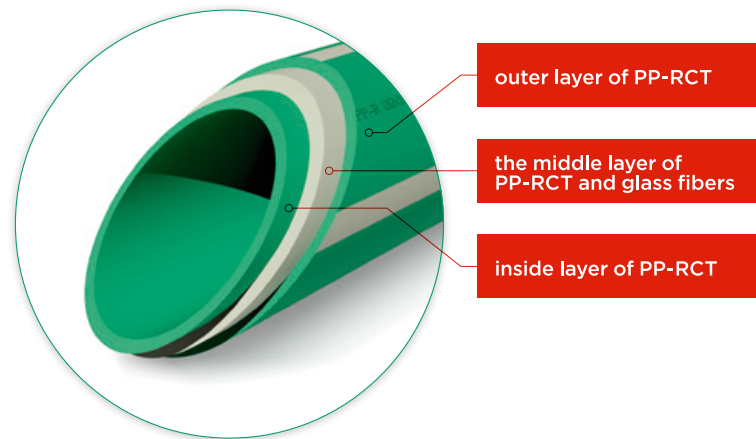
The new generation of multilayer pipes FV PP-RCT/GF FASER

Ø 125 - Ø 250 mm

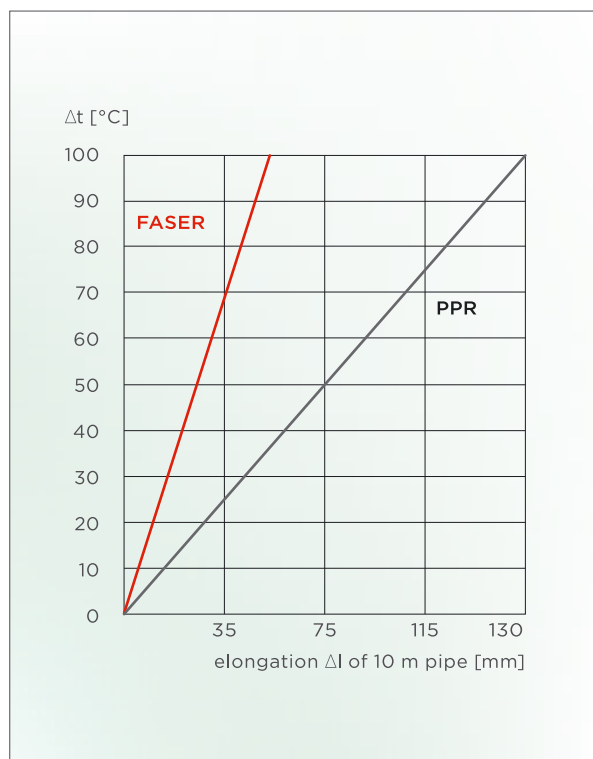
New multilayer pipes FV PP-RCT/GF FASER take use of the newest technology in the field of plastics - reinforcement by glass fibres.

Key qualities of FV PP-RCT/GF FASER pipes:

- They are welded like the common PPR – it is not necessary to remove outer layers before welding.
- A higher range of working temperatures – shape resistance between 0 and 90°C.
- Over 50-year service life.
- Higher stability – bigger distance of supports.
- Low temperature expandability ($\alpha=0,05$) (compared with $\alpha_{ppr}=0,15$).



GRAPH OF THERMAL EXPANSION FV PP-RCT/GF FASER PIPES OF DIFFERENT LENGTHS:



Multilayer pipes are composed of three layers. The inner and outer layers are made of the PP-RCT. Between them there is a layer made of combined polypropylene and glass fibres. This layer provides the pipe with a high reduction of supports.

Maximal operating parameters for using FASER pipes (in compliance with DIN 8077).

- Cold water piping: long-term load at the temperatures up to 20°C and service overpressure up to 20 bar.
- Warm water piping: long-term load at the temperatures up to 70°C and service overpressure up to 8 bar.
- Heating distribution: long-term load at the temperatures up to 70°C and service overpressure up to 3 bar.

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