



... more than pipes

WWW.FV-PLAST.CZ



FV EVOLUTION

CLASSIC PN16	▶	FV PP-RCT UNI
CLASSIC PN20	▶	FV PP-RCT HOT
FASER PN16	▶	FV PP-RCT FASER COOL
FASER PN20	▶	FV PP-RCT FASER HOT

FV AQUA



FV PP-RCT

A NEW GENERATION OF DISTRIBUTIONS

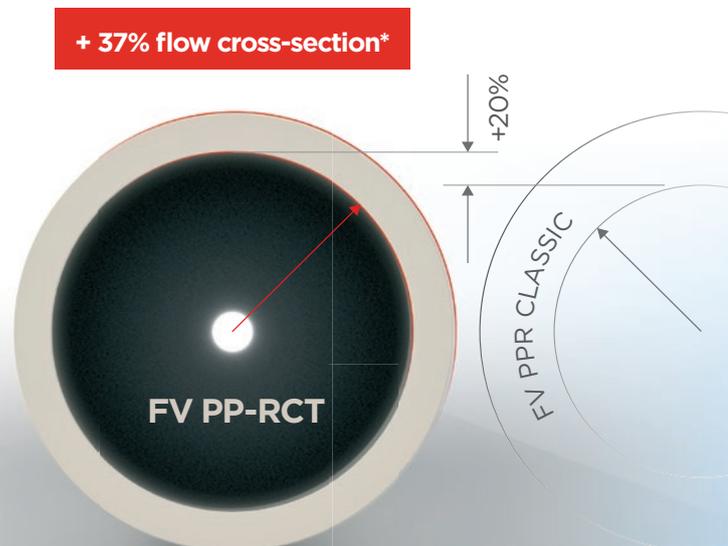
A new generation of FV PP-RCT pipes utilizes superb properties of the PP-RCT material in smooth wall and multi-layer pipes. Compared to the PPR pipes, the PP-RCT material enables to achieve the same or better pressure and thermal endurance with lesser thickness.**.

ADVANTAGES:

- A flow cross-section is higher by 37 % compared to PPR pipes
- A proven way of connecting by polyfusion welding as in the case of PPR
- A higher range of working temperatures for a given application “HOT” or “COOL”
- A third as high thermal expansivity as in the case of PPR pipes (in the case of PP-RCT FASER and STABIOXY)
- A lifespan of more than 50 years

FV PP-RCT pipes come in 5 modifications according to the purpose:

- **FV PP-RCT HOT**
Suitable for hot water distributions.
For applications between 20°C/2,0MPa - 70°C/1,0MPa
- **FV PP-RCT FASER HOT** with glass fibers.
Suitable for hot water and heating distributions.
For applications between 20°C/2,0MPa-70°C/1,0MPa with maximum diameter of D=125 and 20°C/1,6MPa-70°C/0,8MPa for diameters D=160 and higher
Coefficient of thermal expansion $\alpha_t=0,05\text{mm/m}\cdot^\circ\text{C}$
- **FV PP-RCT STABIOXY** with a compact Al-oxygen barrier.
Suitable for high-temperature heating distributions
For applications up to 70°C/1,0MPa - 90°C/0,8MPa
Coefficient of thermal expansion $\alpha_t=0,05\text{mm/m}\cdot^\circ\text{C}$
- **FV PP-RCT UNI**
A universal piping for water and air distributions.
For applications up to 20°C/1,6MPa-60°C/0,8MPa
- **FV PP-RCT FASER COOL** with glass fibers.
Suitable for cold water and air distributions.
20°C/1,6 MPa-70°C/0,8MPa with maximum diameter of D=125 and 20°C/1,0MPa-70°C/0,5MPa for diameters D=160 and higher.
Coefficient of thermal expansion $\alpha_t=0,05\text{ mm/m}\cdot^\circ\text{C}$



* compared to PPR pipes

** calculated value for PP-RCT HOT PN26

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