



... more than pipes

WWW.FV-PLAST.CZ



100% UV RESISTANCE

37% HIGHER FLOW RATE*

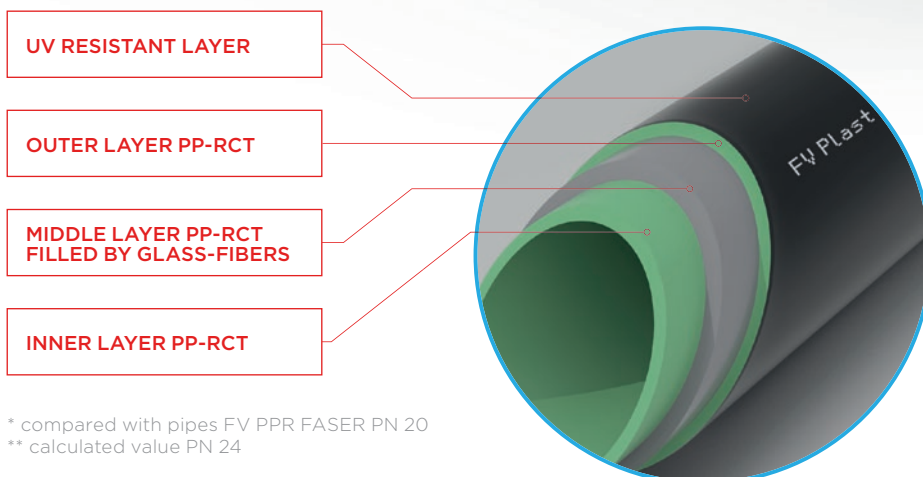
INCREASED TEMPERATURE RESISTANCE UP TO 90°C*

HIGHER PRESSURE RESISTANCE**

LOWER THERMAL EXPANSION

FV PP-RCT FASER HOT UV-STABI

UV resistant pipe reinforced with glass-fibers developed for the distribution of hot and cold water



* compared with pipes FV PPR FASER PN 20
** calculated value PN 24



FV PP-RCT FASER HOT UV-STABI

Principle

Modern UV resistant multilayer pipe. Inner and outer layer made of new generation polymer PP-RCT, which shows, thanks to a special process „β-nucleation“ significantly more resistant hexagonal crystalline structure. Pipes made of PP-RCT can work with a higher stress in the wall and therefore pipes achieve the comparable pressure resistance with a significantly lower wall thickness in comparison with pipes made of PP-R.

Thanks to the UV resistant protective skin and glass-fiber reinforcement pipes FV PP-RCT FASER HOT UV-STABI show minimal thermal expansion and high UV stability, which allows a directly on roof mounting with significant reduction of compensation.

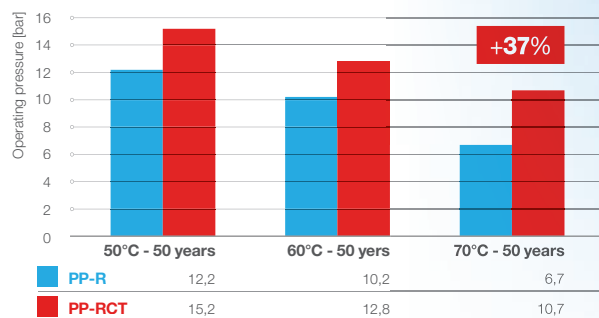
Main advantages

- 10 years UV resistance warranty
- Up to 37% more flow rate than comparable pipe FV PPR FASER PN20
- Easy joining by proven technology of polyfusion welding
- Higher range of working temperature
- Service life more than 50-years

Fields of application

- Distribution of potable water
- Distribution of hot water to 70°C
- Heating systems with temperatures up to 90°C

Comparison of pipes pressure resistance PP-R and PP-RCT with the same SDR 7.4



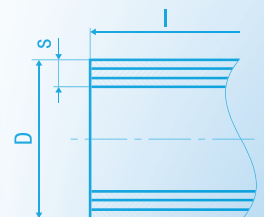
Technical parameters

	Ø 20-25	Ø 32-125	Ø 160-250
Color	black		
Wall composition	PP-RCT/PP-RCT-GF/PP-RCT/PPR UV-STABI		
SDR	7,4	9	11
S	3,2	4	5
Pressure resistance cl. 2 - water 70°C*	10 bar	8 bar	6 bar
Pressure resistance cl. 5 - water 90°C*	8 bar	6 bar	4 bar
Coefficient of thermal expansion	0,05 mm/m.°C		

* 50 years according to EN 15784

Dimension	Unit	Amount in a large package	kg/unit	dm ³ /unit	# ●	# ●	D [mm]	s [mm]	SDR	l [m]
20 × 2,8	m	100	0,151	0,44		BA115020004	20	2,8	7,4	4
25 × 3,5	m	60	0,232	0,73		BA115025004	25	3,5	7,4	4
32 × 3,6	m	40	0,340	1,10		BA115032004	32	3,6	9	4
40 × 4,5	m	24	0,513	1,83		BA115040004	40	4,5	9	4
50 × 5,6	m	16	0,746	2,75		BA115050004	50	5,6	9	4
63 × 7,1	m	12	1,190	4,07		BA115063004	63	7,1	9	4
75 × 8,4	m	8	1,700	5,50						
90 × 10,1	m	4	2,400	9,17						
110 × 12,3	m	4	3,400	10,31						
125 × 14,0	m	4	4,480	12,27						
160 × 14,6	m	4	6,775	20,10						
200 × 18,2	m	4	10,640	31,40						
250 × 22,7	m	4	16,610	49,06						
125 × 14,0	m	6	4,480	12,27						
160 × 14,6	m	6	6,775	20,10						
200 × 18,2	m	6	10,640	31,40						
250 × 22,7	m	6	16,610	49,06						

Dimension Unit Amount in a large package kg/unit dm³/unit



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