

EVO from PP-RCT

A new standard for cold and hot water systems

- Higher quality of the pipelines
- Financial savings – use of smaller diameters
- Fully compatible with current Ekoplastik System



Properties

- PP-RCT is polypropylene of a new generation (type 4), which has been used solely for premium multi-layer pipes



37% higher flow rate as compared to pipes made from PPR (type 3)



Calculated value



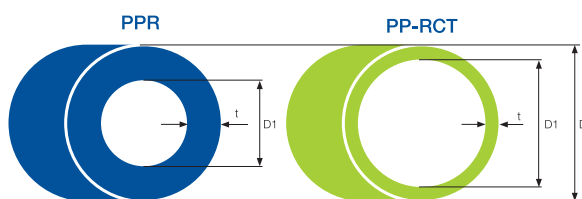
20 year warranty



Higher pressure resistance at high temperatures



28% lighter



Explanatory notes:
t = wall thickness
D = external diameter
D1 = internal diameter

Technical parameters of the pipe

Composition	PP-RCT
S (SDR)	S 3,2 (SDR 7,4) Ø 16 mm, S 4 (SDR 9) Ø 20–125 mm
Pressure and temperature resistance	20 °C / 50 years / 19.3 bar
	70 °C / 50 years / 8.5 bar

Welding

- Parameters for welding PPR pipes and PP-RCT pipes are identical.
- Do not heat-up the pipe longer than necessary!

Thinner walls - do not extend heat-up time for perfect weld, save time!

D [mm]	heat-up time [s]
16	5
20	5
25	7
32	8
40	12