

## FIBER BASALT CLIMA

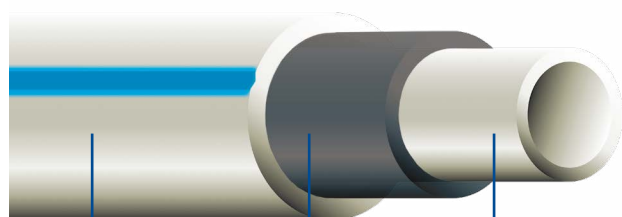
## Product information

**FIBER**CLIMA  
**BASALT**

## Pipe for air conditioning systems

- Unique 3 layer pipe reinforced with basalt fiber, made from PP-RCT – polypropylene of new generation.
- Elimination of linear thermal expansion changes due to varying temperature of water in the system

## Pipe properties



PP-RCT

PP-RCT + BF

PP-RCT

- Unique 3-layer pipe reinforced with basalt fiber
- Type 4 new generation polypropylene (PP-RCT) used
- Elimination of linear thermal expansion changes due to varying temperature of water in the system
- Higher pressure resistance
- Lower weight - by up to **15 %** in average
- 3× lower thermal linear expansion than all-plastic PPR pipes
- Without shaving before welding

## Technical parameters of the pipe

Composition	PP-RCT / PP-RCT + BF / PP-RCT	
Reinforcement	Basalt fiber; density + 8 %, tensile strength + 20 %	
Pressure and thermal resistance	d 20, 25 mm	20 °C 19,3 bar / 50 years
	d 32 – 125 mm	20 °C 15,3 bar / 50 years
S (SDR)	S 4, SDR 9 (d 20, 25 mm); S 5, SDR 11 (d 32-125 mm)	
Linear thermal expansion	0,05 mm / m °C	
Shaving of pipe before welding	NO	

## Fields of application

- Air conditioning
- Local cooling
- Cooling water distributions systems
- Compressed air distribution systems
- Industrial distribution systems