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FIBER ^{oxy} BASALT

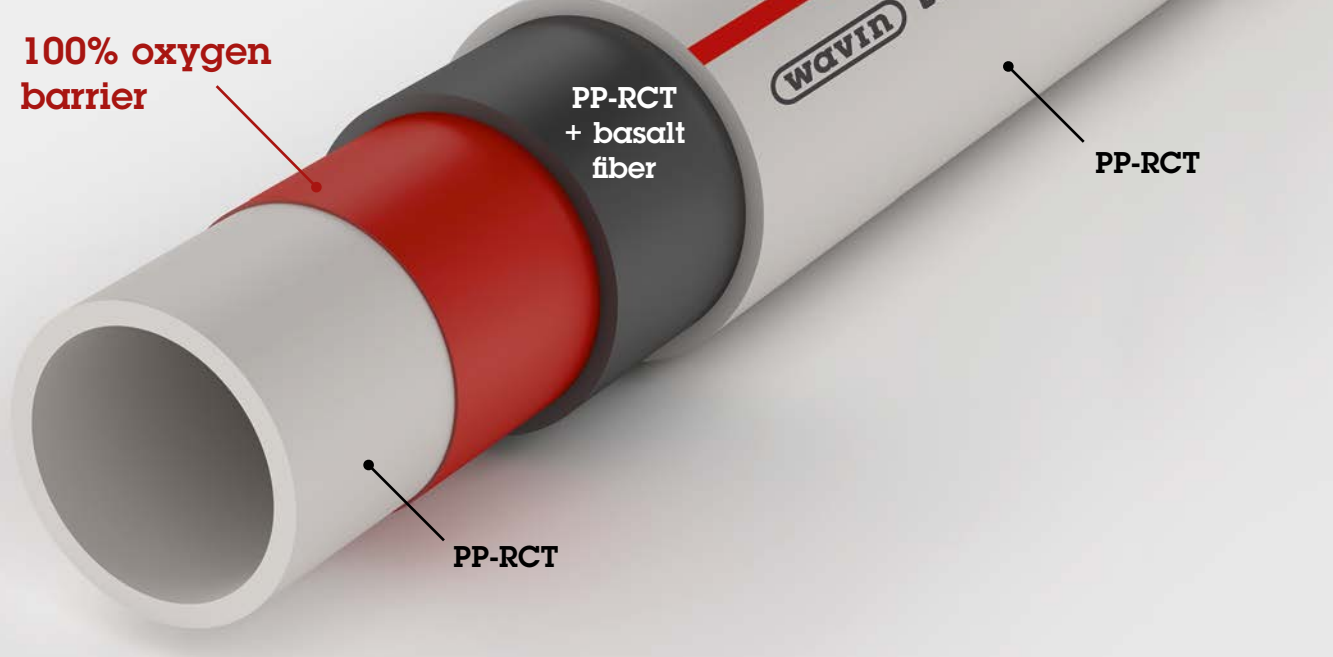
PP-RCT PIPE
WITH OXYGEN BARRIER



FIBER BASALT OXY

for heating

100% oxygen barrier



20 % higher flow rate
as compared to pipes made from PPR



15 % lighter



PN 28 calculated value



higher pressure resistance
at higher temperatures

Technical parameters

Composition	PP-RCT/oxygen barrier/PP-RCT+BF/PP-RCT
S (SDR)	S 3,2 (SDR 7,4) Ø 20–63 mm
Pressure and temperature resistance	class 5/temperature max. 90 °C/8 bar
Thermal expansion coefficient mm/m °C	$\alpha = 0,05$

The new 4-layer pipe reinforced with Basalt Fiber with the embedded oxygen barrier layer.

- ⦿ 100% oxygen barrier
- ⦿ higher pressure resistance at higher temperatures up to 50 %
- ⦿ Temperature resistance up to 90 °C
- ⦿ Higher flow rate by up to 20 %
- ⦿ 3x lower thermal linear expansion than polypropylene pipe
- ⦿ Without shaving before welding
- ⦿ Reliability and long service life
- ⦿ Made in Czech Republic

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