

RDZ CLIMA PE-RT PIPE



This pipe made of PE-RT non-cross-linked polyethylene with additional thermal resistance; it is suitable for underfloor heating and cooling systems. It is provided with anti-oxygen according to DIN 4726, natural color.

Ø17



Diameter (mm)	Roll (m)	Code
17	600	1014756

Application Area

Operating conditions according to: DIN EN ISO 15875-1	CLASS 4	For use with hot and cold water	T _{max} 70 °C	Pressure 8 bar
	CLASS 5	For use with hot and cold water	T _{max} 90 °C	Pressure 6 bar

d _n (mm)	e _n (mm)	Weight (g/m)	Water content (l/m)
17	2	97	0.13

d_n = outer diameter, e_n = wall thickness,

Feature	Value	Unit	Reference law
Standard			DIN EN ISO 15875 - DIN 4726
Density	0.940	g/cm ³	ISO 1183
Ultimate Tensile Stress at 20 °C	> 34	Mpa	UNI EN ISO 527-2 / EN 60811-1
Ultimate elongation at 20 °C	> 350	%	DIN EN ISO 6259-1 / EN 60811-1
Thermal conductivity	0.41	W / (m • K)	DIN 52612
Permeability to oxygen	≤ 0.1	mg O ₂ / (m ² • d)	DIN 4726
Thermal expansion coefficient at 20 °C	1.95 • 10 ⁻⁴	m / (m • K)	
Softening temperature	> 130	°C	
Maximum ovality	0.8	mm	
Roughness factor	0.0015		

