

TECHNICAL SHEET



RDZ 17-13 polyethylene pipe with EVOH oxygen diffusion barrier which complies with DIN 4726. It consists in 5 layers PE-RT II/EVOH/PE-RT II ensuring outstanding flexibility & easy handling. A micro-interlocking band is helically wound around the pipe. Certifications: SKZ A820



Diameter (mm)	Roll (m)	Code
17	600	1013890

Application Area

According to:	CLASS	Description	T _{des} (°C)	Life (years)	Pressure (bar)
DIN EN ISO 15875-1	CLASS 4	Underfloor heating and low temperature radiators	40	20	8
	CLASS 5	High temperature radiators	60	25	6

d _n (mm)	e _n (mm)	Weight (g/m)	Water content (l/m)
17	2	94	0,133

d_n = outer diameter, e_n = wall thickness,

Feature	Value	Unit	Standard
Density	> 941	Kg/m ³	UNI EN ISO 22391
Roughness factor	0,007	mm	
Maximum ovality	0,8	mm	
Tensile strength	> 22	N/mm ²	
Elongation at break	> 400	%	
Thermal Conductivity at 60 °C	0,40	W / (m · K)	
Oxygen permeability at 40 °C	< 0,1	g / (m ³ · d)	
Linear expansion coefficient	1,8	10 ⁻⁴ / K	
Oxidation induction time (OIT)	> 40	min	
VICAT Softening point	124,7	°C	
Heat reversion 120 °C heat, 1 hour	< 2,0	%	
Maximum service temperature	95	°C	
Certifications	SKZ A820		