

RDZ TECH PE-XA PIPE INTERIOR LAYER Ø 17 mm



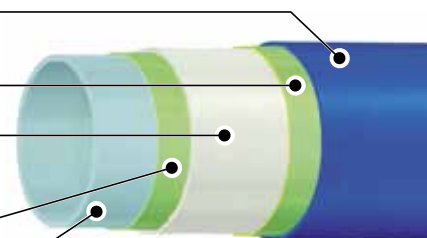
RDZ Tech Pipe PE-Xa Ø 17 made of high-density electro-physically cross-linked polyethylene with the anti-oxygen barrier between the Pe-Xa layer and an outer layer made of PE, which ensures further protection during installation in the building site. This pipe is produced according to DIN 16892 and DIN 4726, guaranteeing even and stable cross-links and constant characteristics over time.



Diameter (mm)	Roll (m)	Code
17	240	1013840
17	600	1013850

Stratigraphy

- 1- PE protective layer
- 2- Second adhesive polymeric layer for non-polarized combination
- 3- Oxygen barrier
- 4- First adhesive polymeric layer for non-polarized combination
- 5- PE-Xa pipe wall



Application field	CLASS 4	For use with hot and cold water (T_{max} 70 °C)
	CLASS 5	For use with hot and cold water (T_{max} 90 °C)

Outside diam. (mm)	Thickness (mm)	Weight (g/m)	CLASS 4 (bar)	CLASS 5 (bar)	Water content (l/m)
17	2	102	8	6	0.131

Feature	Value	Unit	Reference law
Standard			DIN 16892 / DIN 4726
Density	938	Kg/m ³	DIN 53455
Degree of crosslinking	≥ 70	%	ISO 10147
Ultimate Tensile Stress at 20 °C	> 19	N / mm ²	DIN 53455
Ultimate elongation at 20 °C	> 400	%	ISO 6259
Thermal conductivity	0.40	W / (m • K)	DIN 52612
Permeability to oxygen	≤ 0.32	mg O ₂ / (m ² • d)	DIN 4726
Thermal expansion coefficient at 70 °C	1.8 • 10 ⁻⁴	K ⁻¹	DIN 52328
Softening temperature	> 130	°C	DIN 53460
Maximum ovality	1	mm	
Roughness factor	0.0005		

