

## TECHNICAL SHEET



RDZ Clima pipe Ø 12 made of polybutylene with anti-oxygen barrier, excellent flexibility for easy installation on low-temperature Quota Zero AD and Fiber 18 systems. It is produced in compliance with DIN 16968 and DIN 4726.



Package	Size	Code
Roll	Ø12 mm x 300 m	1115120

Application field	CLASS 4	For use with hot and cold water ( $T_{max}$ 60 °C)
	CLASS 5	For use with hot and cold water ( $T_{max}$ 80 °C)

Outside diam. (mm)	Thickness (mm)	Weight (g/m)	CLASS 4 (bar)	CLASS 5 (bar)	Water content (l/m)
12	1,3	50	10	10	0,069

Pipe Feature	Value	Unit	Standard
Standard			DIN 16968
Permeability to oxygen	≤ 0,32	mg O <sub>2</sub> / (m <sup>2</sup> · d)	DIN 4726
Degree of crosslinking	≥ 70	%	
Density	0.920	g/cm <sup>3</sup>	ISO 1183
Thermal expansion coefficient at 20 °C	1.3 · 10 <sup>-4</sup>	m/(m·K)	
Thermal conductivity	0,22	W/(m·K)	
Softening temperature	> 130	°C	
Ultimate Elongation 20 °C	> 300	%	ISO 8986-1
Ultimate Tensile Stress at 20 °C	19	MPa	ISO 8986-2
Max operating temperature	90	°C	
Installation temperature	> -5	°C	
Roughness factor	0,007		

