

PERT PIPE

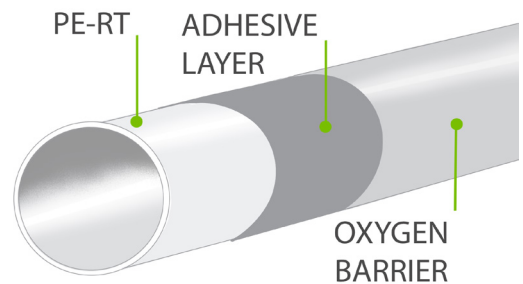
3 Layer Barrier Pipe

<u>SIZE</u>	<u>CODE</u>
80m x 12mm x 1.6mm	RHS83-001
320m x 12mm x 1.6mm	RHS83-009



Composition

1. Inner layer of PE-RT (Polyethylene of Raised Temperature).
2. Adhesive layer.
3. Outer layer of EVOH (Ethylene Vinyl-Alcohol Resin) which prevents ingress of oxygen, reducing corrosion.



Technical Data

Classes of application (UNI EN ISO 22391) class 4/5.
Quality Assurance: ISO9001 2015

Max Temperature for short periods: 95 °C
Max Operating Pressure: 8 Bar
Pipe Roughness: 0.007mm
Water Capacity: 12mm - 0.12 l/m
Minimum radius of bending: 5 x D = 80mm

Thermal Expansion Coefficient: $1.8 \times 10^{-4} \text{m/m}^\circ\text{C}$
Coefficient of Linear Expansion: 0.026 mm/m°K
Thermal conductivity: 0,35 W/m K

