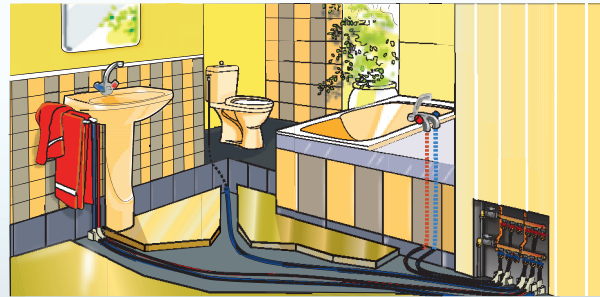


PE-RT Pipes Plain Ended

as per
ISO 22391-2



Material: Polyethylene raised temperature (Type 1)
Colour: Metallic Grey (Silver)
Dimension: mm
Trademark: PE-RT

Field of application:
 Plastics piping systems for hot and cold water installations - polyethylene of raised temperature resistance (PE-RT)

GENERAL TECHNICAL CHARACTERISTICS

Geometrical Characteristics

- Dimensions
- Mean outside diameters
- Wall Thickness of pipes

Mechanical Characteristics

- Resistance to internal pressure

Physical Characteristics

- Longitudinal Reversion

Joint tests (Fitness for Purpose)

- Internal Pressure test

Standard Requirements

Clause 6.1.1 As per ISO 3126
 Clause 6.2.1 Table 3 Class A
 Clause 6.2.2 Table 3 Class A

Clause 7 Table 8 (9.9 Mpa/1 hour @20°C)

Clause 8 Table 10 (≤2%)

ISO 22391-5 Clause 4.2 (4.5 Mpa/1000hours @80°C)

DN	PN10 @20°C PN4 @70°C	DI	Pipes Series S	SDR
16	1.8	12.4	4	9
20	2.3	15.4	4	9
25	2.3	20.4	5	11
32	2.9	26.2	5	11

SDR : Standard dimension ratio = Outside diameter / Nominal wall thickness

Class 4: PN10@20°C, PN4@70°C

Delivered with: blue corrugated sleeve for cold water
 red corrugated sleeve for hot water

Note: The entire PERT system is durable and 100 % recyclable

Manufactured by STR Marketing Ltd

Certified MS ISO 9001:2015 / Carbon Footprint independently verified by ETC-Africa. A member of the Carbon Protocol of South Africa.