

Polyethylene pipes made of **PE100 RC** (resistant to crack) conform to **PAS 1075** monolayer (TYPE1) or with multilayer structure blue/black/blue or black/blue (TYPE2), intended for the supply of water for human consumption, including raw water prior to treatment, also for sandless bed installations and no dig technologies fulfilling the requirements of standards **EN 12201**, **ISO 4427** and **EN 1622**.



Product range

PE100 RC MRS 10 DN/OD16 ÷ DN/OD1200

Advantages:

- PE 100 RC class materials and the most advanced plastic processing ensure the highest reliability of the product
- Resistance to point loads (Dr. Hessel's test >10 000 h)
- Resistance to external damages (notch test 8760 h, in accordance with EN ISO13479: a standard requirement for pipes with protective layers)
- Optimal choice for pipe-laying without sand embedding and backfill
- Can be used for trenchless pipe-laying
- Can be butt-welded, ERW, polyfusion welded or connected mechanically
- Compatible with classic existing PE 100 pipelines

Reference standards:

UNI EN 12201:

Plastics piping systems for water supply, and for drainage and sewerage under pressure- Polyethylene (PE)

PAS 1075:

Polyethylene pipes for alternative installation methods - Dimensions, technical requirements and testing

UNI EN 1622:

Water quality - Determination of the threshold odour number (TON) and threshold flavour number (TFN)

ISO 4427:

Plastics piping systems - Polyethylene (PE) pipes and fittings for water supply General