**Aqualine – Pressure pipeline for alternative installation methods made of PE100RC**

PRESSURE PIPELIFE FOR ALTERNATIVE INSTALLATION METHODS MADE OF PE100RC, TYPE AQUALINE RC

1. Application in conformity withПредназначение съгласно **"ORDINANCE No. 2 of March 22, 2005 for the design, construction and operation of water supply systems: for pressurized water supply systems";**
2. **Description – single layered pipe, made of PE100RC;**
3. **System for quality control of materials used in construction: BAV quality mark or equivalent. In connection with the control of the quality of the materials carried out by BAV, it is planned to seize samples of pipes from the construction site. The seizure of the sample bodies will be carried out without prior warning and at the expense of the producer company (its representative) of the seized materials;**
4. Material used for manufacturing**: virgin** certified by an independent instance, **colored black in advance;**
5. Manufacturing technology-extrusion;
6. **All applicable connection methods – butt and electrofusion weld;**
7. **Material – PE100RC, resistant to crack;**
8. **Pipe color – black with blue stripes along the pipe;**
9. **Installation methods – open trench and trenchless;**
10. **Backfill material for trench laying - without the need for a sand pad and sand backfill around the pipe. Backfill around the pipe with ballast material with a maximum grain size of 70 mm for pipe diameters up to and including DN200 and with a maximum grain size of 100 mm for pipe diameters from DN225 to DN400 included;**
11. **Nominal diameter: DN20; DN25; DN32; DN40; DN50; DN63; DN75; DN90, DN110, DN125, DN140, DN160, DN180, DN200, DN225, DN250, DN280, DN315, DN355, DN400;**
12. **Nominal Pressure and Standard Dimension Ratio (SDR) - SDR11;**
13. **Delivery – grime protecting caps at both ends;**
14. Standard - **BDS EN12201-2-2**;
15. Service life of at least 100 years - according to a study conducted by the European Association of Plastic Pipe and Fitting Manufacturers - Teppfa in collaboration with the raw material manufacturers Borealis and LyondellBasell.

Technical specification:

