

TECHNICAL DATA SHEET

TRACER / PROTECT signal-wire system

Signal-wires installed in the protection pipe DN/OD 16 mm

Conformity:
 EN 61386-22

PRODUCT DESCRIPTION



By using TRACER / PROTECT signal-wire system it is possible to accurately determine location of pipeline, depth and follow through the line without any additional excavation works.

TRACER/PROTECT signal-wire system protection pipe DN/OD 16 mm with 2 x isolated signal wires – red and black. Main (primary) tracing wire is isolated with red isolation, but the reserve (secondary) tracing wire is isolated with black isolation. Resistance of 1m of tracing signal wire is $3,6 \Omega \times m$ (2 x signal-wires $7,2 \Omega \times m$).

Signal-wires are isolated with polyamid (PA) material. Thickness of signal-wire is 0.5 mm and cross-section are 0.2 mm^2 . Material of the wires is 1.4301, V2A mark stainless steel with specific resistance $0,72 \Omega \times \text{mm}^2/m$.

Protection pipe is made from polypropylene (PP). Outside diameter is 16 mm and inside diameter is 11.1 mm with compression strength 750 N/5cm.

Protection pipe conforms the requirements of EN 61386-22 standard.

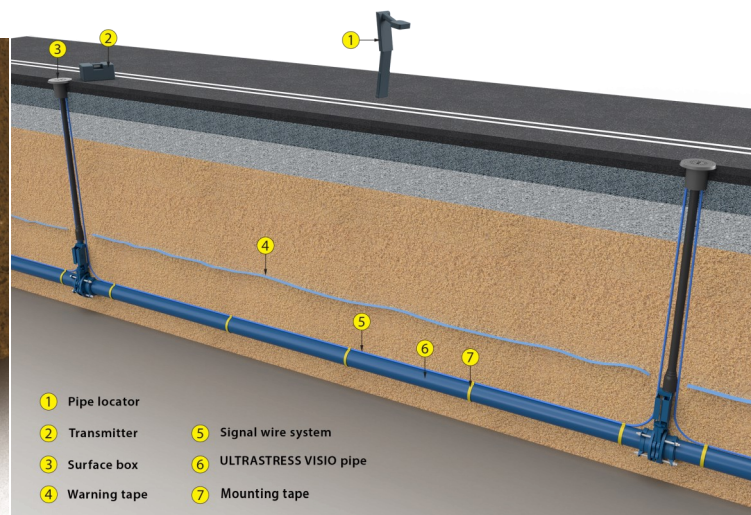
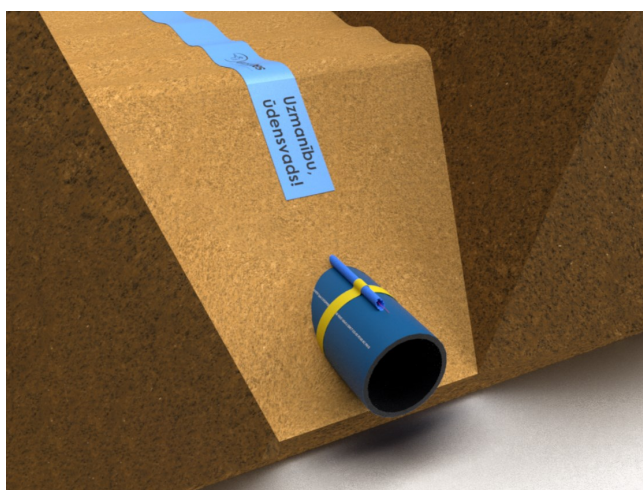
Open product



TRACER / PROTECT signal-wire system are available packed in 100 m rolls.

APPLICATION AREA

Must be used together with ULTRASTRESS VISIO, ULTRASTRESS PROTECT or EVOAQUA pressure pipes for water supply or wastewater systems. Must be installed directly above the pipe.



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PRODUCT TECHNICAL INFORMATION

TWO SIGNAL-WIRES:

- Diameter - 0.5 mm;
- Material - stainless steel (mark - 1.4301 / V2A);
- Cross-section area - 0.24 mm²;
- Specific resistance - 0.72 Ω x mm²/m;
- Wire insulation material - polyamid (PA);
- Insulation colour - red and black.

PROTECTION PIPE:

- DN/OD - 16 mm; DN/ID - 11.1 mm;
- Material - polypropylene (PP);
- Compression strength - medium 750 [N/5cm];
- Conformity - LVS EN 61386-22+A11: 2021.

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PRODUCT

PRODUCT	CODE
TRACER/PROTECT accessories	
TRACER/PROTECT, 2x0.5mm wires protection pipe, OD 16mm,	00451016H1008000000