

PRODUCT DATA SHEET

WAVEYWIRE™ DETECTION TAPE

UKT09

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| Ref | TS291B |
| Date | March 2023 |
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DESCRIPTION

Plastic warning tape with a twin stainless steel tracer wire system. The two wires are laminated within the tape in a continuous 'wave' pattern that allows them to stretch by over 25%, which helps combat underground movement.

The tapes are self-coloured and overprinted with a warning message. The printing is protected by a 'scratch-resistant' covering of transparent plastic.

INSTRUCTIONS / USES

Designed to mark, locate and help protect underground utility lines.

The tape serves the dual purpose of (1) allowing location from above ground and (2) providing a visual warning to prevent third party damage.

INSTALLATION : Lay the tape in the trench approx 300mm above the pipe / cable and as close to the ground surface as possible. At one end, the tape should be brought to the ground surface to allow future connection with the location equipment.

JOINING : The wires are simply pulled from within the plastic tape and twisted together to maintain electrical continuity. A more secure join can be achieved by crimping the wires together.

LOCATION : The tapes can be detected using even the least sophisticated pipe & cable location sets. Refer to the locator manual for precise details, but in general, the Signal Generator needs to be connected to the wires within the tape and then Locator needs to be switched to the 'Generator' mode.

BENEFITS / KEY FEATURES

- > Two tracer wires rather than a single tracer – double the detection ability
- > Wavy wires – allows the wires to stretch by 25%. Helps compensate for underground movement.
- > Easy to join – no tapes, staples, scratching off insulation etc – electrical continuity is maintained by simply twisting the wires together. A more secure method is to use special joining crimps
- > Scratch proof surface – maintains the legibility of the printing warning message
- > PVC Free

TECHNICAL INFORMATION

| | | |
|---|---|---|
| SUBSTRATE Virgin Grade LDPE (low density polyethylene) | INK Highly resistant, solvent based | CORE 76mm diameter cardboard core |
| TAPE WIDTH 150mm wide | TAPE THICKNESS 150mu (0.15mm) | ROLL LENGTH 100M long |
| BASE COLOUR Various | PRINT COLOUR Various | DESIGN Various |
| See website for details on all standard designs | | |
| PVC CONTENT The tape contains NO PVC | RESISTANCE TO ACID Highly resistant | RESISTANCE TO ALKALI Highly resistant |
| ELONGATION 300% | ROLL WEIGHT Approx 2.5 kgs | CARTON QUANTITY 10 rolls |



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OTHER INFORMATION

The tapes comply with the applicable parts of the following specifications

BS2782 (testing)

BS381c (colours)

BS3012 (plastics)

NJUG 4 Identification of small buried mains & services

NJUG 7 Recommended positioning of utilities

NJUG 9 Guidelines on positioning & colour coding of utilities

Complies with the UK Civil Engineers specification

UKT09POW complies with the Department of Transport HIGHWAYS specification clause 16/11

UKT09WAT complies with UK water company specifications for 'detectable warning tapes for buried plastic pipelines'

UKT09GAS complies with UK gas company specification for 'tracer tape for underground utility lines'

In addition, the tapes comply with various specifications for both UK and non-UK authorities, please contact our sales department for further information.