

WAVEYWIRE™ DETECTION TAPE

UKT09

Ref	TS2918/04
Date	Dec 2020
Pages	1 of 2

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	INK	CORE
Virgin Grade LDPE (low density polyethylene)	Highly resistant, solvent based	76mm diameter cardboard core
TAPE WIDTH	TAPE THICKNESS	ROLL LENGTH
150mm wide	150mu (0.15mm)	100M long
PVC CONTENT	RESISTANCE TO ACID	RESISTANCE TO ALKALI
The tape contains NO PVC	Highly resistant	Highly resistant
ELONGATION	ROLL WEIGHT	CARTON QUANTITY
300%	Approx 2.5 kgs	10 rolls

WAVEYWIRE™ DETECTION TAPE

UKT09

Ref	TS2918/04
Date	Dec 2020
Pages	2 of 2

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.

STANDARD VERSIONS

**CAUTION CAUTION CAUTION
ELECTRIC CABLE BELOW**

UKT09ELE (Black on Yellow)

**CAUTION CAUTION CAUTION
WATER MAIN BELOW**

UKT09WAT (Black on Blue)

**CAUTION CAUTION CAUTION
SEWERAGE PUMPING MAIN BELOW**

UKT09PUM (Black on Red)

**CAUTION CAUTION CAUTION
BRINE MAIN BELOW**

UKT09BRI (Black on Green)

**CAUTION CAUTION CAUTION
FIRE MAIN BELOW**

UKT09FIR (Black on Red)

**CAUTION CAUTION CAUTION
RISING MAIN BELOW**

UKT09RIS (Black on Green)

**CAUTION CAUTION CAUTION
FUEL MAIN BELOW**

UKT09FUE (Black on Yellow)

**CAUTION CAUTION CAUTION
COMPRESSED AIR BELOW**

UKT09AIR (Black on Blue)

**CAUTION CAUTION CAUTION
SERVICES BELOW**

UKT09SER (Black on Yellow)

**CAUTION CAUTION CAUTION
VACUUM SEWER BELOW**

UKT09VAC (Black on Green)

CAUTION CAUTION CAUTION

UKT09CAU (Black on Yellow)

**CAUTION CAUTION CAUTION
STREET LIGHTING CABLE BELOW**

UKT09STR (Black on Yellow)

**CAUTION CAUTION CAUTION
GAS MAIN BELOW**

UKT09GAS (Black on Yellow)

**CAUTION CAUTION CAUTION
DUCT BELOW**

UKT09DUC (Black on Yellow)

**CAUTION CAUTION CAUTION
SURFACE WATER DRAIN BELOW**

UKT09SUR (Black on Green)

**CAUTION COMMUNICATIONS /
POWER CABLE BELOW**

UKT09POW (Black on Yellow)

**CAUTION CAUTION CAUTION
NON POTABLE WATER BELOW**

UKT09NONG (Black on Green)

**CAUTION CAUTION CAUTION
PRESSURE SEWER BELOW**

UKT09PRE (Black on Green)

**CAUTION CAUTION CAUTION
GEOTHERMAL PIPE BELOW**

UKT09GEO (Black on Green)

**CAUTION CAUTION CAUTION
RAIN WATER PIPE BELOW**

UKT09RAIN (Black on Green)

**CAUTION CAUTION CAUTION
RECLAIMED WATER BELOW**

UKT09REC (Black on Green)

**CAUTION CAUTION CAUTION
BOOSTED COLD WATER**

UKT09BOOS (Black on Blue)

**CAUTION CAUTION CAUTION
FIBRE OPTIC CABLE BELOW**

UKT09FOC (Black on Green)

**CAUTION CAUTION CAUTION
COMMUNICATIONS CABLE BELOW**

UKT09COM (Black on Green)

**CAUTION CAUTION CAUTION
SEWER PIPE BELOW**

UKT09SEW (Black on Green)

**CAUTION CAUTION CAUTION
TRAFFIC SIGNAL CABLE BELOW**

UKT09TRA (Black on Yellow)

**CAUTION CAUTION CAUTION
GRAVITY SEWER BELOW**

UKT09GRA (Black on Red)

**CAUTION CAUTION CAUTION
NON POTABLE WATER BELOW**

UKT09NON (Black on White)

**CAUTION CAUTION CAUTION
HV DUCT BELOW**

UKT09HVD (Black on Yellow)

**CAUTION CAUTION CAUTION
RAW WATER PIPE BELOW**

UKT09RAW (Black on Green)

**CAUTION CAUTION CAUTION
LEACHATE PIPE BELOW**

UKT09LEAC (Black on Green)

**CAUTION CAUTION CAUTION
HEATING MAIN BELOW**

UKT09HEA (Black on Yellow)