

PRODUCT DATA SHEET

HEAVY DUTY UNDERGROUND TAPE

UKT04

Ref	TS221
Date	Dec 2014
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DESCRIPTION

Premium quality, plastic warning tape made from heavy duty, virgin-grade, low density polyethylene. The tape is pre-printed with a highly visible warning message to alert future contractors to the presence of the buried underground utility lines.

INSTRUCTIONS / USES

Designed to mark the position of underground utility lines, to aid future identification and help prevent damage.

INSTALLATION : Lay the tape in the trench approx 300mm above the pipe / cable and as close to the ground surface as possible.

BENEFITS / KEY FEATURES

- > Premium quality
- > Double thickness plastic compared to standard underground tapes
- > The UKT04FLA version (ELECTRIC CABLE) meets the requirements of ENATS 12/23
- > Free from PVC

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	100mu (0.10mm)	365M long
PVC CONTENT	RESISTANCE TO ACID	RESISTANCE TO ALKALI
The tape contains NO PVC	Highly resistant down to 2.5pH	Highly resistant up to 11pH
ELONGATION	TENSILE STRESS	ROLL WEIGHT
300% (longitudinal) 350% (transverse)	10 MN/m ² (1.0 kN/m)	Approx 4.8 kgs
DENSITY	COLOUR PIGMENT	CARTON QUANTITY
0.91 – 0.935 kg/m ³ at 20°C	Lead-free	4 rolls

OTHER INFORMATION

Production and testing of the tapes utilises the following specifications

BS 5252 : 1976	Framework for colour co-ordination
ISO 4593 : 1993	Plastics – film and sheeting (determination of thickness)
BS EN ISO 527-1 : 1996	Plastics – determination of tensile properties (part 1)
BS EN ISO 527-2 : 1996	Plastics – determination of tensile properties (part 2)
BS EN ISO 527-3 : 1996	Plastics – determination of tensile properties (part 3)

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

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

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STANDARD VERSIONS

 **CAUTION CAUTION CAUTION
ELECTRIC CABLE BELOW**

UKT04FLA (Black on Yellow)

**CAUTION CAUTION CAUTION
WATER MAIN BELOW**

UKT04WAT (Black on Blue)

**CAUTION CAUTION CAUTION
SEWER PIPE BELOW**

UKT04SEW (Black on Red)

**CAUTION CAUTION CAUTION
CCTV CABLE BELOW**

UKT04CCT (Black on Green)

**CAUTION CAUTION CAUTION
FIRE MAIN BELOW**

UKT04FIR (Black on Red)

**CAUTION CAUTION CAUTION
STREET LIGHTING CABLE BELOW**

UKT04STRP (Black on Purple)

**CAUTION CAUTION CAUTION
FUEL MAIN BELOW**

UKT04FUE (Black on Yellow)

**CAUTION CAUTION CAUTION
SURFACE WATER DRAIN BELOW**

UKT04SUR (Black on Green)

**CAUTION CAUTION CAUTION
CATHODIC PROTECTION CABLE**

UKT04CATH (Black on Yellow)

**CAUTION CAUTION CAUTION
PRIMARY TRUNK MAIN BELOW**

UKT04PRI (Black on Blue)

**CAUTION CAUTION CAUTION
BURIED SERVICES BELOW**

UKT04BSB (Black on Yellow)

**CAUTION CAUTION CAUTION
OIL PIPELINE BELOW**

UKT04OIL (Black on Orange)

**CAUTION CAUTION CAUTION
CHEMICAL PIPE BELOW**

UKT04CHE (Black on Yellow)

**CAUTION CAUTION CAUTION
GEOTHERMAL PIPE BELOW**

UKT04GEO (Black on Green)

**CAUTION CAUTION CAUTION
HIGH PRESSURE PIPELINE BELOW**

UKT04HPP (Black on Yellow)

**CAUTION CAUTION CAUTION
STREET LIGHTING CABLE BELOW**

UKT04STR (Black on Yellow)

**CAUTION CAUTION CAUTION
GAS MAIN BELOW**

UKT04GAS (Black on Yellow)

**CAUTION CAUTION CAUTION
ROAD DUCT BELOW**

UKT04ROA (Black on Yellow)

**CAUTION CAUTION CAUTION
CABLE TV & TELEPHONE**

UKT04CAB (Black on Green)

**CAUTION CAUTION CAUTION
HIGH VOLTAGE CABLE BELOW**

UKT04HIV (Black on Yellow)

**CAUTION CAUTION CAUTION
PRESSURE SEWER BELOW**

UKT04PRE (Black on Red)

**CAUTION CAUTION CAUTION
BURIED PIPELINE BELOW**

UKT04BPB (Black on Yellow)

**CAUTION CAUTION CAUTION
COMMUNICATIONS CABLE BELOW**

UKT04COM (Black on Green)

**CAUTION CAUTION CAUTION
RECLAIMED WATER BELOW**

UKT04REC (Black on Green)

**CAUTION CAUTION CAUTION
DATA CABLE BELOW**

UKT04DAT (Black on Green)

**CAUTION CAUTION CAUTION
STORM DRAIN BELOW**

UKT04STO (Black on Green)

**CAUTION CAUTION CAUTION
DRAIN BELOW**

UKT04DRA (Black on Green)

**CAUTION CAUTION CAUTION
SAFETY CAMERA DUCTING BELOW**

UKT04CAM (Black on Yellow)

**CAUTION CAUTION CAUTION
DISTRICT HEATING PIPE BELOW**

UKT04DIST (Black on Yellow)

**CAUTION CAUTION CAUTION
NON POTABLE WATER BELOW**

UKT04NONG (Black on Green)

**CAUTION CAUTION CAUTION
FIBRE OPTIC CABLE BELOW**

UKT04FOC (Black on Green)

**CAUTION CAUTION CAUTION
FIN DRAIN BELOW**

UKT04FIN (Black on Green)

**CAUTION CAUTION CAUTION
TELEPHONE CABLE BELOW**

UKT04TEL (Black on Green)

**CAUTION CAUTION CAUTION
TRAFFIC SIGNAL CABLE BELOW**

UKT04TRA (Black on Yellow)

**CAUTION CAUTION CAUTION
SEWERAGE PUMPING MAIN BELOW**

UKT04PUM (Black on Red)

**CAUTION CAUTION CAUTION
BURIED CABLE BELOW**

UKT04BCB (Black on Yellow)

**CAUTION CAUTION CAUTION
NON POTABLE WATER BELOW**

UKT04NON (Black on White)

**CAUTION CAUTION CAUTION
LOW VOLTAGE CABLE BELOW**

UKT04LOW (Black on Yellow)

**CAUTION CAUTION CAUTION
ALARM CABLE BELOW**

UKT04ALA (Black on Yellow)

**CAUTION CAUTION CAUTION
RAW WATER MAIN BELOW**

UKT04RWM (Black on Blue)

**CAUTION CAUTION CAUTION
GREY/RECYCLED WATER BELOW**

UKT04GREY (Black on Grey)

**CAUTION CAUTION CAUTION
HEATING MAIN BELOW**

UKT04HEA (Black on Yellow)

**CAUTION CAUTION CAUTION
BRINE WATER MAIN BELOW**

UKT04BWM (Black on Blue)

**CAUTION CAUTION CAUTION
RAIN WATER PIPE BELOW**

UKT04RAIN (Black on Green)