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PRODUCT DATA SHEET

HEAVY DUTY UNDERGROUND TAPE

UKT04

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)	250M 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.

All information is given in good faith and as a guideline only. No warranty is impressed or implied. The user is responsible for ensuring the goods are sufficient and suitable for the required purpose. All values stated are average values and should not be regarded as the maximum or minimum. UK Tapes Ltd reserves the right to modify this specification without notice.

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STANDARD VERSIONS

CAUTION CAUTION CAUTION ELECTRIC CABLE BELOW UKT04FLA (Black on Yellow)	CAUTION CAUTION CAUTION STREET LIGHTING CABLE BELOW UKT04STR (Black on Yellow)	CAUTION CAUTION CAUTION FIBRE OPTIC CABLE BELOW UKT04FOC (Black on Green)
CAUTION CAUTION CAUTION WATER MAIN BELOW UKT04WAT (Black on Blue)	CAUTION CAUTION CAUTION GAS MAIN BELOW UKT04GAS (Black on Yellow)	CAUTION CAUTION CAUTION FIN DRAIN BELOW UKT04FIN (Black on Green)
CAUTION CAUTION CAUTION SEWER PIPE BELOW UKT04SEW (Black on Red)	CAUTION CAUTION CAUTION ROAD DUCT BELOW UKT04ROA (Black on Yellow)	CAUTION CAUTION CAUTION TELEPHONE CABLE BELOW UKT04TEL (Black on Green)
CAUTION CAUTION CAUTION CCTV CABLE BELOW UKT04CCT (Black on Green)	CAUTION CAUTION CAUTION CABLE TV & TELEPHONE UKT04CAB (Black on Green)	CAUTION CAUTION CAUTION TRAFFIC SIGNAL CABLE BELOW UKT04TRA (Black on Yellow)
CAUTION CAUTION CAUTION FIRE MAIN BELOW UKT04FIR (Black on Red)	CAUTION CAUTION CAUTION HIGH VOLTAGE CABLE BELOW UKT04HIV (Black on Yellow)	CAUTION CAUTION CAUTION SEWERAGE PUMPING MAIN BELOW UKT04PUM (Black on Red)
CAUTION CAUTION CAUTION STREET LIGHTING CABLE BELOW UKT04STRP (Black on Purple)	CAUTION CAUTION CAUTION PRESSURE SEWER BELOW UKT04PRE (Black on Red)	CAUTION CAUTION CAUTION BURIED CABLE BELOW UKT04BCB (Black on Yellow)
CAUTION CAUTION CAUTION FUEL MAIN BELOW UKT04FUE (Black on Yellow)	CAUTION CAUTION CAUTION BURIED PIPELINE BELOW UKT04BPB (Black on Yellow)	CAUTION CAUTION CAUTION NON POTABLE WATER BELOW UKT04NON (Black on White)
CAUTION CAUTION CAUTION SURFACE WATER DRAIN BELOW UKT04SUR (Black on Green)	CAUTION CAUTION CAUTION COMMUNICATIONS CABLE BELOW UKT04COM (Black on Green)	CAUTION CAUTION CAUTION LOW VOLTAGE CABLE BELOW UKT04LOW (Black on Yellow)
CAUTION CAUTION CAUTION CATHODIC PROTECTION CABLE UKT04CATH (Black on Yellow)	CAUTION CAUTION CAUTION RECLAIMED WATER BELOW UKT04REC (Black on Green)	CAUTION CAUTION CAUTION ALARM CABLE BELOW UKT04ALA (Black on Yellow)
CAUTION CAUTION CAUTION PRIMARY TRUNK MAIN BELOW UKT04PRI (Black on Blue)	CAUTION CAUTION CAUTION DATA CABLE BELOW UKT04DAT (Black on Green)	CAUTION CAUTION CAUTION RAW WATER MAIN BELOW UKT04RWM (Black on Blue)
CAUTION CAUTION CAUTION BURIED SERVICES BELOW UKT04BSB (Black on Yellow)	CAUTION CAUTION CAUTION STORM DRAIN BELOW UKT04STO (Black on Green)	CAUTION CAUTION CAUTION GREY/RECYCLED WATER BELOW UKT04GREY (Black on Grey)
CAUTION CAUTION CAUTION OIL PIPELINE BELOW UKT04OIL (Black on Orange)	CAUTION CAUTION CAUTION DRAIN BELOW UKT04DRA (Black on Green)	CAUTION CAUTION CAUTION HEATING MAIN BELOW UKT04HEA (Black on Yellow)
CAUTION CAUTION CAUTION CHEMICAL PIPE BELOW UKT04CHE (Black on Yellow)	CAUTION CAUTION CAUTION SAFETY CAMERA DUCTING BELOW UKT04CAM (Black on Yellow)	CAUTION CAUTION CAUTION BRINE WATER MAIN BELOW UKT04BWM (Black on Blue)
CAUTION CAUTION CAUTION GEOTHERMAL PIPE BELOW UKT04GEO (Black on Green)	CAUTION CAUTION CAUTION DISTRICT HEATING PIPE BELOW UKT04DIST (Black on Yellow)	CAUTION CAUTION CAUTION RAIN WATER PIPE BELOW UKT04RAIN (Black on Green)
CAUTION CAUTION CAUTION HIGH PRESSURE PIPELINE BELOW UKT04HPP (Black on Yellow)	CAUTION CAUTION CAUTION NON POTABLE WATER BELOW UKT04NONG (Black on Green)	Many other prints/colours available

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