



## Polyethylene Cable Protection Tiles

The polyethylene cable cover constitutes a cable warning, protection and marker system for use in all ground conditions. Being extremely tough and long lasting, they offer ideal protection to all underground services. Each tile supplied with a peg-allowing strong longitudinal joining for uninterrupted protection. Unlike concrete tiles the polyethylene tiles are extremely tough and are resistant to cracking. They comply with impact strength requirement for concrete tiles to BS 2484.

### Features

**Heavy duty, yet lightweight, polyethylene cable covers incorporating a coloured printed warning tape.**

- Rot resistant, chemical resistant from PH2.5 to PH-11
- High impact resistance
- Ideal for Electrical or Fibre Optic Cables
- Supplied with interlocking pegs for easy installation
- Excellent protection properties
- Visual Warning
- Low transportation and installation costs
- Available up to 20mm thick
- Tensile Strength - From 8.4 N/mm<sup>2</sup> to 10 N/mm<sup>2</sup>
- Elongation at break - From 200% to 350%
- High Chemical resistance
- Lightweight for easy handling and installation
- Clearly printed with identifications or warning, on the bright red or yellow base coloration
- Available either simple but secure hope/peg joining system. Giving a flexible but very strong joint.
- Easy handling and very fast delivery

### Under Ground Field Test

- Pick Axe Indentation <2mm
- Fork Indentation <2.5mm
- Mechanical Breaker penetration >5 secs

### Notes / Disclaimer

All values shown are averages and should not be used for specification purposes. Test data and results contained in this document are for general information and it may vary between tests.

### Polyethylene Cable Safe Tiles Size Chart:

Width	Thickness	Length
From 150mm to 600mm	From 2mm to 4mm	1000mm or 50 meter rolls
250mm	From 6mm to 12mm	1000mm
From 150mm to 600mm	From 5mm to 12mm	1000mm

\*\* Any other dimensions can be made on order.

### Materials Specification

Property	Test Method	Units	Value
Density	BS 2782 – Part 3	Kg/m <sup>3</sup>	920 – 930
Tensile	BS 2782 – Part 3	N/mm <sup>2</sup>	8.4 to 10
Elongation at Break	BS 2782 – Part 3	%	200 to 350
Impact Strength	ASTM D 3029	Kg	5.0
	10 K.G Pick - Axe Test	N/M	Max Pass Through 50mm No Break >60

