



PE CABLE PROTECTION TILES



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Lawazem is proud to produce heavy duty tiles constitute protection and warning system that undetectable marking. Its heavy-duty impact resistant tiles long lasting offer ideal protection to all under ground services and utilities its bonded with suitable warning tape that indicate what type of utilities and danger been buried.

APPLICATION

- ▶ HV power cable
- ▶ HVDC cable
- ▶ Fiber optic cable
- ▶ Telecommunication cable
- ▶ Gas pipe
- ▶ Water connection pipes

INSTALLATION

Paving tiles on top of the buried utilities overlapping to be heled with peg allowing maximum strong joint between tiles.

FEATURE & ADVANTAGES

Many benefits over concrete covers

- ▶ Manufactured from polyethylene (LDPE and HDPE)
- ▶ Meets BS and ASTM standards.
- ▶ Light Weight
- ▶ Customized labeling and coloring
- ▶ Customized Sizes
- ▶ Recycled
- ▶ Reduce the cost of repair and supply disruption
- ▶ Add value to petroleum sustainability program





TECHNICAL SPECIFICATION

- The warning tapes for power cables shall be made of PVC or Polyethylene
- Warning tapes shall be as per DS DS/EN 12613 or any equivalent International Standard

SL NO	TEST	STANDARD	UNIT	VALUES
1	Density	BS EN ISO 1183:2004	Kg/m	920-990
2	Impact test at 60 Nm- Extent of Penetration Max	BS 2484:1985 BS EN 50520:2009 DIN 54841-5	mm	5
3	Elongation at break		%	230
4	Tensile Strength	BS EN ISO 527-1	N/mm	8.4
5	Hardness			52 Shore D
6	Melt Flow Index of protection tile	BS EN 1133:2005		0.3-4.0 /10min (2.16Kg)
7	Slip resistance	BS 7976 part2 2002	Pendulum Test Vale (PTV)	25-35 mode rate in wet condition 36 and above in dry condition
8	Minimum compressive strength	BS EN ISO 604:2003	Mpa	Min 100

SIZES	COLOR	WORNING TAPE
<ul style="list-style-type: none"> • Width min 100mm Max 1000mm • Thickness min 3mm Max 11 mm • Length min 1000mm Max 6000mm 	to customer satisfaction	As per customer design

CONTACT

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