

EZY-LOOPS

Sub-Surface vehicle detection loops

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TECHNICAL DATA SHEET

PRODUCT NAME: Sub-Surface Ezy-Loops

PRODUCT IDENTIFICATION

MANUFACTURER'S CODE: EL-SS

SUPPLIERS NAME: TRAFFIC TECH PTY LTD
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EzyLoop systems, Sub-surface loops are electromagnetic traffic detection loops that are pre-formed and encapsulated in a protective, adhesive bandage so that they may be laid within a road pavement as a single unit.

NON HAZARDOUS INGREDIENTS (According to Criteria of Worksafe Australia)

Typical composition.

Base bandage.

Heavy-duty 3.1kg/m² high strength PVC mat, in the form of a 150mm wide bandage. Coated with a tough polymer modified bitumen compound.

Total Thickness	Membrane tensile strength N/mm ²	Membrane Impact strength Round Tup	Membrane Impact strength Chisel Tup
2.4 mm (nominal)	(BD 2782) 19	(ASTM G14) 10 joule	(BGC/PS/CW2) 5.5 joule

Over-bandage "TechBand" 125mm wide.

A woven polypropylene bandage coated with a polymer modified bitumen mastic layer.

Total Thickness	Peel adhesion N/mm	Membrane resistance to puncture. N	Elongation %	Membrane Strength N/mm
1.8mm	4.0	900	50	25.0

Electrical conductor.

1x1.5 mm² TAC XLPE insulated-loop cable for vehicle detection.
To AS 2276 – 1992 PART 3. NSW. RTA cat No.182311822