

EZYLOOPS® Systems

Sub-Surface Vehicle Detection Loops

Ref: EL-SS

Revision : 3

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TECHNICAL DATA SHEET

PRODUCT NAME: Sub-Surface EzyLoops
PRODUCT IDENTIFICATION

MANUFACTURER'S CODE: EL-SS

SUPPLIERS NAME: TRAFFIC TECH PTY LTD
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EzyLoops 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
2.4mm (Nominal)	(BD2782) 19	(ASTM G14) 10 joule	(BGC/PS/CW2) 5.5 joule

Over-bandage "Tech Band" 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

1x1.5mm² TAC (16 gauge) XLPE insulated-loop cable for vehicle detection.
 To AS2276 – 1992 Part 3. NSW RTA cat No. 182311822