



PRODUCT SPECIFICATION



Bridgland Tracer Wire Detectable Underground Tape

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Range: **Bridgeland Tracer Wire Detectable Underground Tape**

Tape Width: 100mm

Tape Length: 250 metres

Material: The detectable tape is 100mm wide, with coloured plastic (detailing danger message). Detectable underground tape is 250 metres long, woven with a 0.7mm diameter 316 stainless steel tracer wire.

Tape: Virgin Grade Polyethylene

Wire: 0.7mm diameter 316 stainless steel.

Tensile Strength: 700-800 N/mm²

The tracer wire is woven to the tape using a plastic laminate, on the opposite side to the printed message, such that when tape exposure occurs the printed message is viewed from ground level.

Material Thickness: 100um

Core Diameter: 104 mm

Message Repeat: 600mm

The ink used to print the material is permanent and cannot be removed by normal handling or upon burial.

Chemical Resistance: Resistance to attack from alkalis, aqueous solutions, non-oxidizing acids.

Joining/Connecting: Adjacent lengths need only be tied together - using a knot.

Tape Elongation at Breakage: Both Longitudinal direction and Transverse direction exceeded the following values for mean elongation at break when tested to AS/NZS 4275.1:1995 as specified in AS/NZS 2648.1 Longitudinal >300%. and Transverse > 350%.

Tear Resistance: Both Longitudinal direction and Transverse direction exceeded the following values for tear resistance of the tape when tested to AS/NZS 4275.1:1995 as specified in AS/NZS 2648.1 (a) Longitudinal direction 3.0N, (b) Transverse direction 3.5N.

Manufactured to AS/NZS 2648.1:1995 –Underground Marking Tape - Part 1: Non-detectable tape.

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