

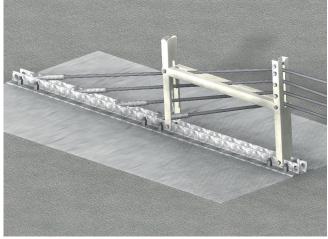
Sentryline – M[®] Wire Rope Barrier System

Tested to MASH (2016) TL-3 & TL-4

The Sentryline – M[®] Wire Rope Barrier system is a high-tension cable barrier and terminal end that has many advantages over other cable barrier systems currently available on the market.

FEATURES

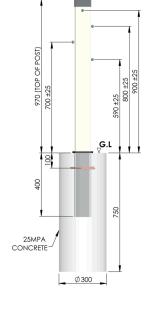
- Tested to MASH (2016) TL-3 and TL-4 by Holmes Solutions
- Approved by Austroads Safety Barrier Assessment Panel (ASBAP)
- Exceptionally good vehicle control and behaviour
- Can be installed in median or road side applications
- Easily installed with minimal maintenance required
- Quick to repair after a collision
- Features non-releasing terminal ends
- Alternative foundation design options available
- Designed in New Zealand



ADVANTAGES

- When impacted by a vehicle, the Terminal End is designed such that the vehicle should remain on its wheels at all times without vaulting or rolling
- Terminal ends supported by either mass concrete blocks or reinforced concrete piles
- Sentryline M® posts will not trap cables when they have been bent during a vehicle impact
- After vehicle collisions the cables may be removed and re-attached individually (subject to site specific approval) without the need to disassemble other cables
- Cables can be installed in any order removing need for either interwoven or 'stacked' cable arrangements

www.acprod.com.au NSW/WA/SA/ACT 02 8708 4400 VIC/TAS 03 8773 5300 QLD/NT 07 3442 6200 July 2020



SPECIFICATIONS

- Cable 19mm 3 x 7 strand, pre-stretched by 35%
- Cable heights (to the centre) as per the drawing
- Typical Line Post and Transition Line Post footing piles are 300mm diameter x 750mm (0.05m³)
- Length of Need is met at Transition Line Post 5
- Deflection Post and Transition Line Post 1 are spaced at 1.5m (LoN to the Deflection Post)
- Transition Line Posts 2 5 are spaced at 3m
- Transition Line Post 5 has no Half Ties installed
- Tensioned to 25kN at 20°C
- Max flare, 300mm over 10m of the terminal end
- All posts are hot dip galvanised and white powder coated
- Concrete is 25MPa



Test Level	TL-3	TL-4
Dynamic Deflection (m)	3.02	3.02
Working Width (m)	3.02	3.05

POST OPTIONS

- Bolt Down Sentryline M® post option available
- Sentryline M® Driven Socket option available

