



4F-T™ 4 Foot Flared TREND® Terminal Data Sheet

Flared, single-sided, redirective/gating and energy- absorbing guardrail end terminal

**MASH TL-3
COMPLIANT**

Features & Benefits

- Compliant to MASH TL3.
- Installed with a 1.22m flare to reduce nuisance impacts and length of barrier required to shield a hazard.
- Only Post 1 has a 1.83 m embedment.
- The final impact angle during testing adds the flared angle to the standard requirement.
- Shortest MASH tested Flared End Terminal.
- Galvanized steel components reduce weather/UV-related issues.
- The 4F-T™ utilises a universal slotted TREND® 10 gauge W-beam panel at all locations.
- ALL post spacings are 1.270m on center.
- Connects directly to single-sided W-beam Guardrail.



The 4F-T™ is a flared, single-sided, redirective/gating and energy- absorbing guardrail end terminal for use in roadside and shoulder installations to include approach or departure applications.

It can be used in either unidirectional or bidirectional traffic applications, to include roadside and shoulder installations.

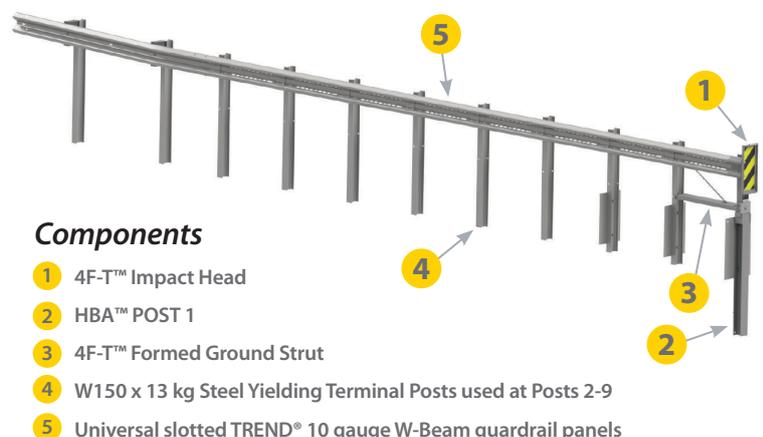
Extensive testing has been conducted to ensure its effectiveness and reliability. 4F-T™ is tested to MASH Test Level 3 criteria and may be used in Test Level 1, 2 and 3 applications – when installed at the full Test Level 3 system length of 10.48m.

During head-on impacts within MASH criteria, 4F-T™ is designed to dissipate energy by engaging the energy-absorbing technology of the device. During length-of-need side impacts within MASH criteria, 4F-T™ is designed to contain and redirect the impacting vehicle.



Shortest MASH Tested Flared End Terminal

Specifications	
System Weight	590 kg
System Length	10.48 m
System Width (at impact head)	305 mm
System Height (except impact head)	787 mm, +25 mm/-0 mm
Beginning Length-of-Need ("BLON") established during MASH Test 3-35 at Post #4	3.81 m from Post 1



Components

- 1 4F-T™ Impact Head
- 2 HBA™ POST 1
- 3 4F-T™ Formed Ground Strut
- 4 W150 x 13 kg Steel Yielding Terminal Posts used at Posts 2-9
- 5 Universal slotted TREND® 10 gauge W-Beam guardrail panels