



# T-39 Thriebeam - Data Sheet

**NCHRP350 COMPLIANT**

*A Safer Guardrail Barrier*

## Specification

- NCHRP 350 Test Level 3 (TL3) and Test Level 4 (TL4) compliant
- Steel Yielding Line Posts (SYLP's) at 2m centres
- No blocking pieces required
- Splices located mid-span between posts
- Height of rail above ground line – 990mm
- Height of posts above ground line – 815mm
- 2270kg pickup deflection – 0.63m (TL3)
- 8000kg truck deflection – 0.81m (TL4)



## Application Benefits

- Fully compliant to the anticipated update to NCHRP Report 350 TL3 impact (2270kg pick-up travelling at 100km/h and 25 degrees)
- Fully compliant to TL4 (8000kg single unit truck travelling at 80km/h and 15 degrees)
- SYLP's replace traditional 'deemed to comply' C posts
- Rails spliced mid-span between posts improves rail strength and installation
- No blocking piece facilitates rapid installation.
- Reduced working width when compared to conventional guardrail barriers using blocking pieces
- Successfully crash tested as a verge (single sided) and median (double sided) barrier
- Low deflection provides increased motorist protection against hazards located close to roadways
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