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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **INTENDED USE**  The ArmorWire TL-3 three-cable barrier (**SGM33a**) has been tested to NCHRP 350 criteria for longitudinal cable barriers. It can be used in either edge of road or median applications. The ArmorWire TL-3 system can use post spacing ranging from 1.0m to 9.0m in line with the installation deflection requirements (see interpolated deflection table below). Deflections marked with a star are from actual crash testing involving a 2000kg pickup truck impacting at 100kph at 25°.   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Post Spacing (m)** | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | | **Deflection (m)** | 1.54\* | 1.83 | 2.12 | 2.41 | 2.69 | 2.98 | 3.27\* |   \* Actual deflections.  **SGM33a** is a Test Level 3 accepted system, by installing an additional cable to the top slot of the barrier post the system is converted to Test Level 4 (**SGM33b)**. The remaining components are common for both TL-3 and TL-4 system.  **FEATURES AND SPECIFICATIONS**   * Exceptional vehicle control and behaviour * System with the lowest part count in the market * Same system can be used in roadside as well as median application * Tested and accepted to NCHRP 350 TL-3 (three wire system) * Easily upgradable to TL-4 system * Matching NCHRP 350 TL-3 end terminal available: Universal (ATE) * Minimal build-up in snow or sand environments * No sharp edges or exposed “hooks” on posts * Barrier width is only 97mm * Dynamic deflection for 2000 kg vehicle is 1.54m (100kph, 25°) * Length of Need is 8m (Terminal end LoN) * Posts are hot dip galvanized (powder coating is optional) * Concrete specified is 25 MPa (3625 psi)   **APPROVALS**  FHWA Acceptance Letter: **B-222**.  **CONTACT INFORMATION**  Armorflex International LTD  [www.armorflex.co.nz](http://www.armorflex.co.nz)  Telephone: +64 9 4269174  156 Foundry Rd  Silverdale, Auckland 0932  New Zealand | | |
| ARMORWIRE CABLE BARRIER TL-3 | | |
| **SGM33a** | | M:\New AIL logo.png |
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