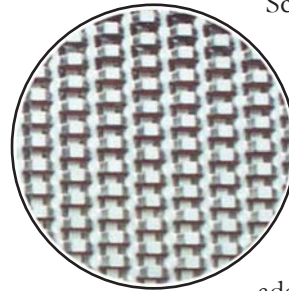


## *Protect Workers/Drivers From Headlight Glare*



Screen-Safe<sup>™</sup> is designed to provide an effective headlight shield from approaching vehicles. The system utilizes a double-reverse corrugated (DRC) fabric formed from hot-dipped galvanized sheet steel.

The DRC fabric is powder-coated to provide additional deterrent to salt spray, snow and slush.

Screen-Safe<sup>™</sup> provides positive protection for workzone crews against airborne debris that may be projected from the roadway. Continuous monolithic DRC fabric prevents headlight blinding from approaching vehicles, which is a serious problem in temporary work zone areas.

The opaqueness of the DRC fabric eliminates all viewing angles through the glare screen and discourages motorists from "rubbernecking" in the work zone. This helps to keep traffic moving through the work zone and reduces the accidents caused by rubbernecking.

### *Features and Advantages*

- Protects Work Zone Crews from Injury
- Eliminates Motorist Distractions from Headlight Glare
- Easy to Install
- Low Maintenance Costs
- Powder-coated, Galvanized Steel Resists Corrosion
- Pre-engineered System Allows for Fast Installation
- Self-Supporting for both Barrier and Guardrail Systems
- "Open" Fabric Diffuses Wind Gusts Safely
- Resists Crosswinds, Water and Snow



### Applications

Screen-Safe<sup>™</sup> may be installed on concrete bridge rails, metal or wooden-post guardrails, Visi-Barrier<sup>™</sup> or median barriers. The pre-engineered system components allow for fast installation with minimal disruption to traffic flow. Modular components allow for quick, on-site installation, minimizing delays in work zone operations. Screen-Safe<sup>™</sup> installations are ideal for:

- Curved Roadways
- Access Ramps
- Raised Highways
- Construction Lanes
- Toll Booth Plazas
- Temporary Barriers and Guardrails
- Permanent Barriers and Guardrails



### Material

■ **Screen Fabric:** Screen-Safe<sup>™</sup> is available in 50 ft. length rolls, 24 inches in height. It is fabricated from 25 gauge steel sheet AISI 1010 or 1008 which has been hot-dip galvanized to ASTM A-653, coating designation G90.

■ **Finish:** Screen-Safe<sup>™</sup> has a light gray, medium-gloss powder coat paint with zinc. It conforms to ASTM D 523 for gloss, and B 117 for salt spray resistance, reference test for Bonderite. The film thickness is minimum 1.8 mils.

■ **Hardware:** All components are structural grade, and of the following materials:

- A. Post Bolt-Steel, hex head machine bolt, ASTM A-307, H.D. galvanized ASTM A-153
- B. Concrete Anchor - steel, drop-in flush expansion anchor
- C. U-Bolt with Lock Nuts - steel, ASTM A-307, H.D. galv. A-123
- D. Connector Plate- steel, ASTM A-307, H.D. galv. A-123
- E. End Cable Assembly - steel, aircraft cable with galvanized or stainless steel hardware

■ **Design Plans and Specifications:** Transpo engineers are available to evaluate proposed locations for Screen-Safe<sup>™</sup> and to prepare detailed construction plans and specifications in conjunction with consulting engineers. We assure that each installation meets the highest safety standards and provides the best solution for protecting motorists as well as work zone crews.

