

# Ballistic Gauntlet

## Multi-Threat, Combat Survivability System



### Overview

The Ballistic Gauntlet is a modular, multi-threat, soft- and hard-body armor system that protects the lower extremities of vehicle operators and occupants. The primary goal of the system is to offer 360-degree protection to vital organs of the lower waist and back, and protect the lower extremities. It provides a scalable measure of protection mitigating injuries from blast, thermal, fragmentation (primary and secondary), and ballistic threats resulting from Improvised Explosive Devices (IED) or Small Arms Fire (SAF).

### Point of Contact

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CTC Foundation Proprietary;  
Patent Pending

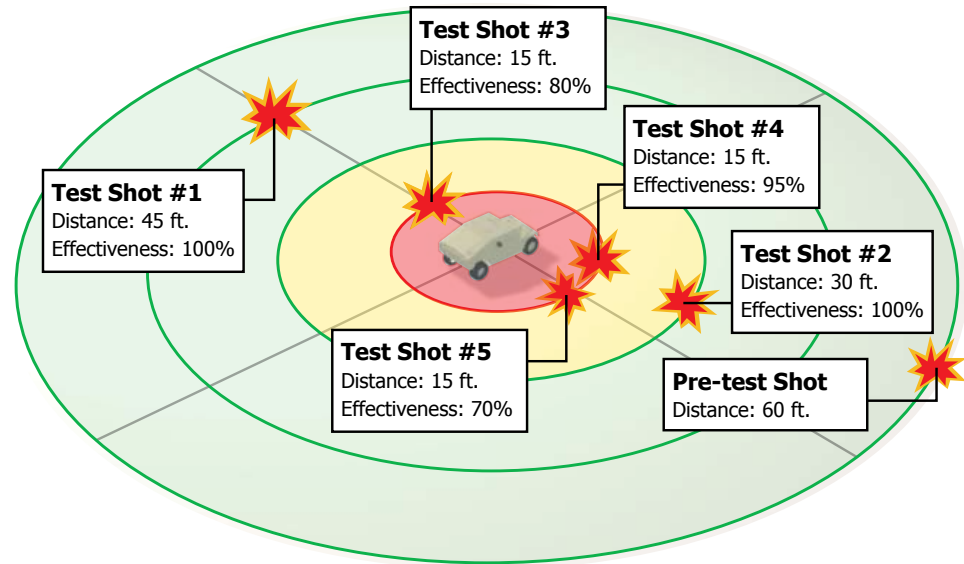
The system is adaptable and flexible, fitting multiple seat positions in virtually any military or commercial vehicle. It is easily installed in minutes with no vehicle modifications required. The Ballistic Gauntlet is a cost-effective, immediate capability that increases levels of protection to current vehicle inventories.

- *360 degree lower extremity protection*
- *Requires no vehicle modifications*
- *Fits quickly in any vehicle seat*
- *Quick & easy system entry & exit*
- *Cost-effective, mass-production*



## Description

The Ballistic Gauntlet is a non-developmental prototype system. The basic composition of the system includes both soft- and hard-armor components. The soft-armor component is comprised of Aramid Ballistic Material covered in a rugged nylon jacket for durability. The design also incorporates two sets of overlapping flaps (Aramid Ballistic Material), to provide enhanced protection to the upper legs and shins from lateral and vertical threats. These flaps provide a “cocoon” protective effect for the user while not interfering with vehicle operation, weapons employment, or adversely affecting endurance. In addition, these flaps provide a measure of protection against wounds caused by sharp protrusions (i.e., sharp, jagged corners, poor vehicle ergonomics) as a consequence of impact or explosive shock. Hard-armor inserts are incorporated in critical areas (upper & lower leg, floor, and firewall) to protect against threats posed by higher-velocity fragments and significant ballistic threats (e.g. 7.62). In initial IED tests using completely unprotected commercial and military vehicles, the following performance levels were achieved.



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