



SRAT II

Stryker reactive armor tiles

SPECIFICATIONS

Reactive armor	State-of-the-art technology combining an advanced reactive element with a new passive element for armor protection
Superior performance	A light-weight solution that can defeat shaped-charge threats associated with an urban battlefield
Safety Technology	Has an incident-free safety record in field operations and combat
Growth potential	The weight savings of reactive armor allows the capability to further increase protection without exceeding current weight constraints. For example, additional side skirts will increase overall protection of combat and tactical wheeled vehicles
Production capabilities	General Dynamics Ordnance and Tactical Systems has existing certified production facilities
Readiness level	Non developmental technology is currently available for integration on medium/light combat vehicles and tactical wheeled vehicles

General Dynamics Ordnance and Tactical Systems has developed the light-weight reactive armor tiles for application on Stryker and other medium/light-weight combat vehicles. Stryker Reactive Armor Tiles (SRAT II) incorporate state-of-the-art technology, while using an insensitive, high-energy explosive.

SRAT II tiles are based on reactive armor technology that has been type classified for production. SRAT II tiles were competitively selected over previous Stryker reactive armor tiles and provide improvements in capability at a reduced weight. SRAT II tiles are tested extensively.

These tests include:

- Shaped-charge armor protection
- Small-arms sensitivity
- Sequential environmental
- Transportation tests
- Artillery-fragment sensitivity
- Sympathetic detonation
- Collateral damage
- Tile mapping and junction tests
- Special safety tests

SRAT II offers a substantial increase in protection levels for troops and equipment against shaped-charge threats. General Dynamics Ordnance and Tactical System produces SRAT II at its facility in Camden, Arkansas.

