

Land Vehicles & Weapons Systems

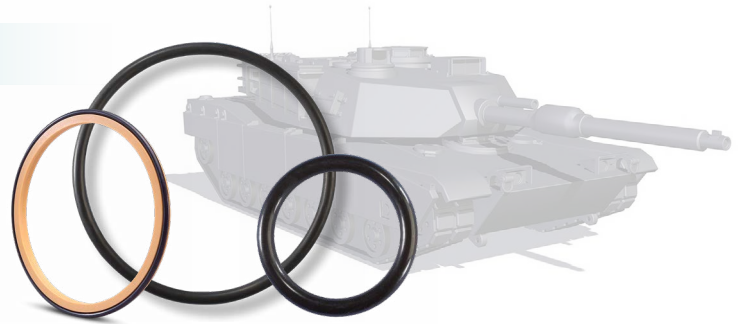
From military vehicles to weapon systems, Greene Tweed's elastomer and thermoplastic composite components are built to withstand dirt, harsh environment, extreme temperatures and most unfavorable service conditions.

GT Land Defense Solutions Include:

Seals (RSA Seal®, MSE® Rotary Seals): Ensure durability and low-leakage sealing for hydraulic and electrical actuation, recoil systems, and engine components.

Scrapers (RSA Scrapers): Protect sensitive systems by preventing contaminant infiltration under rugged operating conditions.

Bearings, Isolators, & Suspension Systems: Minimize wear, reduce vibration, and enhance performance in suspension and power transmission systems.



Naval Defense Systems

Greene Tweed's material solutions ensure reliability for naval vessels, fast boats, underwater vehicles, and advanced missile systems, safeguarding mission success in even the most unforgiving conditions.

GT Naval Solutions Include:

Adapters, Connectors, & Bulkhead Feedthroughs: Protect power systems and communication against pressures up to 35,000 psi and temperatures up to 450°F with Seal-Connect® solutions.

Seals & Gaskets: Ensure reliable performance in propulsion systems, missile systems, and onboard electronics.

Hermetically Sealed Fiber Optic & Electrical Connectors: Deliver dependable connectivity across harsh marine environments, enhancing surveillance and targeting capabilities.

Drones & UAV Systems

By incorporating specialized elastomers and composites, our components extend UAV life-cycles and optimize performance in critical surveillance and targeting operations.

GT Air Defense Solutions Include:

Brackets & Structural Components: Lightweight, high-strength thermoplastic composites for flight control and engine brackets.

Landing Gear Components: Reduce friction, weight, and wear during sensitive takeoff and landing operations..

High performing Seals for Dynamic and Static Applications: Long life and failure resistance for fuel, engine utility, and flight control systems.



Advancing Defense with Proven Expertise & Innovation

For more than five decades, we've partnered with the defense industry, providing precision-engineered components that meet the critical reliability requirements of mission-critical applications.

Our expertise spans high-performance elastomers, thermoplastic composites, and fiber optic/electrical penetrators, enabling superior safety, efficiency, and performance. Whether on land, sea, or air, Greene Tweed's solutions are designed to meet the rigorous demands of modern defense technologies.



GT Products are Used in the Following Applications:

Land Vehicles & Weapons

- Hydraulic & Electrical Actuation
- Vibration Isolators
- Recoil & Recuperation Systems
- Filtration Systems
- Engine & Fuel Systems
- Power Transmission
- Suspension Systems

Naval Defense

- Surveillance & Targeting Systems
- Fast Boat Suspension Seating
- Propulsion Systems
- Communications & Controls
- Missile Systems
- Steering Systems
- Gun Systems
- Fiber Optic Guidance Systems

Drones & UAV

- Flight Control Systems
- Structural Components
- Landing Gear Systems
- Braking Systems
- Utility Actuation
- Engine & Fuel Systems
- Surveillance & Targeting Systems

Why Greene Tweed?

Powering Defense with Trusted Performance

With an unmatched legacy of quality and innovation, Greene Tweed is driven to deliver solutions where **failure is not an option**.

Our customer-centric approach ensures tailored solutions, combining advanced materials engineering with a deep understanding of defense requirements to exceed expectations.

Certifications:

ISO 9001, ISO/IEC 17025, AS/EN 9100, AS9145



Greene Tweed

Visit gtweed.com/contact-us to get in touch with a local Greene Tweed representative.



Statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter our standard warranty applicable to such products.

© 2025, Greene Tweed all rights reserved. All trademarks are property of their respective owners. 1/25-GT BR-US-DEF-001

gtweed.com