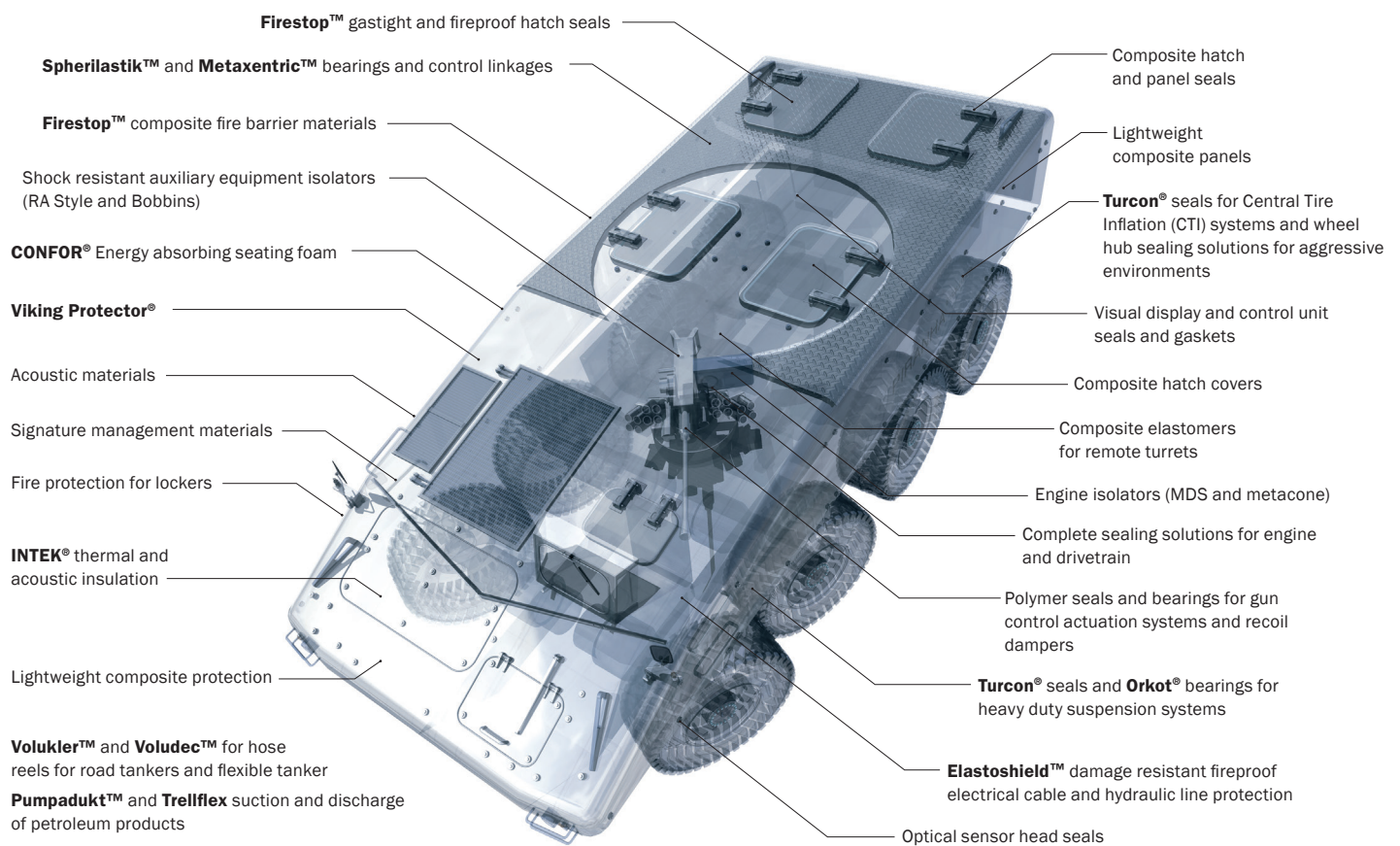


Product applications Land



Accelerating performance in a wide range of defense applications

As a world leader in engineered polymer solutions, Trelleborg is able to seal, damp and protect critical applications in demanding environments. Our innovative solutions are designed to accelerate our customers' performance in many different ways – from improving functionality to increasing productivity. Trelleborg is able to provide tailored solutions using proven materials and technologies to meet the defense needs and requirements. For more information please contact your Trelleborg representative.

Acoustic Signature Control – Trelleborg have a wide range of products to improve the signature of platforms by reducing radiated noise and target strength. Our core products are damping materials and encapsulation systems (large and small scale encapsulation of arrays with controlled exotherm).

Anti-vibration & Shock Mountings – Trelleborg's range of Multi-Directional Snubbing (MDS) engine isolators are specially designed to take high dynamic shock loads whilst limiting movement in all directions. Its two part single bolt installation makes the MDS simple to install. Trelleborg's elastomeric bearings create no sliding surfaces and therefore remove the need for lubrication.

Cable & Hydraulic Line Protection - Trelleborg's Elastoshield™ protects and extends the service life of electric cables and hoses in case of a fire. It is a corrosion resistant, robust and rugged design which gives additional protection against mechanical damage.

Hose Systems – Trelleborg's Volukler™ and Voludec™ hoses for road tankers and flexible tankers for metered delivery of fuel; a light weight, flexible hose with a high resistance to abrasion. Pumpadukt™ and Trellflex hoses are used for suction and discharge of petroleum products for road or rail tankers, the hoses have a smooth inner tube and are highly robust and strong.

Lightweight Syntactic Composite Materials – Trelleborg provides a wide range of innovative solutions focused on protection within vehicles, including cushioning and impact absorbing safety foam. Flame and smoke-retardant formulations featuring varied combinations of densities, strength, stiffness, failure strain and energy of fracture properties, and ballistic protection panels.

Passive Fire Protection – Protecting people, structures and equipment from all types of fire in this extreme environment is paramount to ensuring on-board safety. Trelleborg's certified rubber based passive fire protection technology, protects structures from chemicals, fires and corrosion. The dampening, noise reducing flexible nature of Firestop™ protects equipment from vibrations, collisions and explosions. Firestop™ material is used in Viking Protector™, fire protection for lockers and tailored solutions.

Sealing & Bearing Solutions - Trelleborg develops, manufactures and supplies bearings and seal elements for static, rotary, linear, pneumatic and hydraulic applications under the trade names Turcon®, Zurcon® and Orkot®. Our solutions are used across the industry in applications where a need to maintain a high integrity barrier to debris, or to withstand pressures and fluids is critical. Trelleborg are experts in static to highly dynamic sealing applications and have a wide product and material portfolio to meet both common and extreme operating environments.

Thermal & Acoustic insulation – Trelleborg's INTEK® is a premium range of light weight thermal and acoustic insulation solutions. In addition to providing superior acoustic absorption and thermal performance; it is fire resistant, has a wide temperature operating range, has extremely low smoke and toxicity, is quick and easy to install, and compatible with most adhesives.

Energy Absorbing Seating Foam – CONFOR® foams offer a unique combination of properties that are ideal for high energy-absorption applications, enabling them to absorb and dissipate shock and impact. CONFOR® foams are also used in comfort management and protective padding applications.