

TULMAR



Tulmar Safety Systems

Protecting the people who protect us

CAPABILITY OVERVIEW



TULMAR

www.tulmar.com



A Passion for Protection

Your Trusted Defence Partner

Tulmar Safety Systems is a trusted partner of the Canadian Armed Forces. Tulmar provides the protection, engineering strength, manufacturing capability, and service infrastructure required for reliable, mission-ready force multiplying solutions. Backed by decades of experience, we support some of the world's most demanding users, from multiple Tier 1 units to the lowest-ranked sailor at sea.

We provide engineered protective solutions across defence, aviation, and civil safety, combining advanced design, certified manufacturing, and accredited maintenance to keep people safe in critical environments.

We translate complex operational needs into purpose-built solutions through our core capabilities:

- Engineering & Product Development
- Certified Manufacturing
- Accredited MRO
- Testing, Compliance & Certification Support
- Custom Fabrication & Technical Sewing
- Project & Lifecycle Management
- Operational Training Support

Engineered and Manufactured in Hawkesbury, ON, Canada.





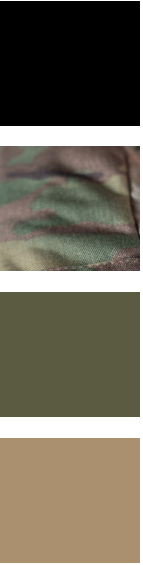
Engineered for Protection



Watch Video

GALEO PFD Systems

Tulmar IP. Manufactured by Tulmar.



The Galeo PFD Systems deliver rugged durability, strong buoyancy, rapid self-righting, and a low-profile, stealth design that integrates seamlessly with modern soldier systems. Designed in concert with CAF veterans, Galeo attaches directly to the operator's body armor, eliminating bulk, snag hazards, and integration issues.

Engineered for certainty, it provides heads-up, self-righting capability to bring an unconscious operator to the surface. Galeo performs in the harshest environments, from extreme heat to severe subzero temperatures, cold-weather ops, two-atmosphere depth trials, and parachute-insertion testing with JTF2 and is proven to meet UK MOD requirements.

Its streamlined profile enhances mobility and discretion, enabling operators to swim ashore undetected while retaining full fighting capability. With proven durability, reliable performance, and a simple re-arming system, Galeo PFDs are trusted flotation solutions and true force multipliers.

Recommended for: Naval boarding, special operations, combat engineers, units working with amphibious craft or conducting littoral operations



Borneo Riverine Buoyancy Aid

Tulmar IP. Manufactured by Tulmar.

Borneo is a compact, rucksack-friendly flotation system designed for river crossings and littoral operations where space and weight are at a premium. It fits easily into a go-bag or patrol ruck and inflates rapidly by mouth when needed. The bladder is engineered with a narrow shoulder profile to allow operators to shoulder a carbine without interference.

Built for repeated use, Borneo requires no re-arm kits, making it a durable, serviceable flotation tool effective in all weather and climate conditions, delivering years of operational reliability. Borneo is designed to meet UK MOD riverine requirements.

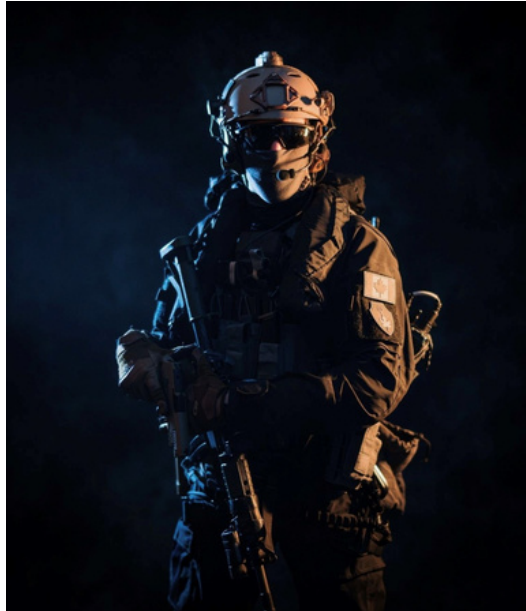
Recommended for: Tactical River and Stream Crossing, operating in jungle and marshland environments as well as dismounted operations near water.

Pictured: UK MOD operators conducting live riverine testing with the Borneo.



Hammerhead PFD

Tulmar IP. Manufactured by Tulmar.



The Hammerhead PFD is engineered for operators who require above-standard tactical buoyancy and the added safety of dual bladders and dual inflators. Delivering up to 65 lbs of buoyancy, it supports personnel carrying heavy equipment loads while maintaining mobility and operational confidence.

Designed in concert with the Canadian Armed Forces, the Hammerhead is fully compatible with rappel harness systems and built to withstand the extreme demands of tactical and over-water operations. With over 4,000 units in service with the CAF, it has become a proven solution for operators needing maximum flotation performance and built-in redundancy.

Recommended for: Tactical teams and boarding parties.



Hazardous Duty PFD

Tulmar IP. Manufactured by Tulmar.



The Hazardous Duty PFD is a rugged, easy-to-don-and-doff flotation device designed for personnel working on deck or near water during routine and regular operations. Designed in concert with the Canadian Armed Forces, it meets the specific needs of crews requiring reliable buoyancy without compromising mobility or comfort.

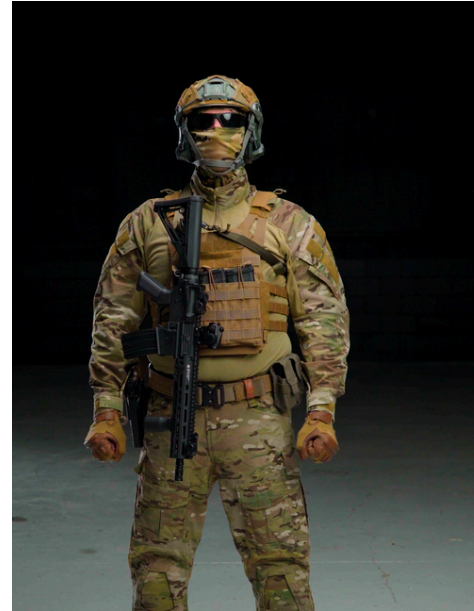
Currently fielded across the CAF with over 20,400 units in service, this PFD has become a trusted standard for hazardous-duty environments, delivering dependable performance and everyday operational protection.

Recommended for: Regular Naval Operations where Sailors will be working on deck, in ribs or near water



Sling Lok Carbine Holster

Tulmar IP. Manufactured by Tulmar.



Sling Lok is far more than a world-class weapon sling, it is a complete carbine retention system engineered for operators who cannot compromise readiness. Designed in concert with CAF veterans, it provides true hands-free mobility by securing the carbine to either the front or rear of the body, preventing swinging, bouncing, or rotation even during climbing, detainee handling, medical work, vehicle operations, or maritime tasks.

Sling Lok stabilizes the carbine through running, climbing, jumping, and other high-mobility actions, keeping the weapon locked in place until the operator needs it. The result is a retention solution that enhances mobility, control, and lethality without sacrificing immediate access. With a single instinctive motion, the carbine is instantly released and ready for engagement.

- 2-to-1 or 2-point
- With or without QD attachment

Recommended for: combat arms units, medical units, vehicle maintenance sections.



Rescue Bridge

Tulmar IP. Manufactured by Tulmar.

The Rescue Bridge is a fast-deploying inflatable platform designed to create a safe, stable link between rescuers and individuals in the water. Compact and easy to transport, it inflates in seconds to provide a buoyant, secure surface for rapid recovery operations.

Engineered for efficient, controlled rescues, the Rescue Bridge enables teams to stabilize, lift, and transfer casualties even in challenging conditions. Its rugged construction withstands repeated deployments, harsh weather, and demanding operational environments.

Recommended for: DART, Sartech.



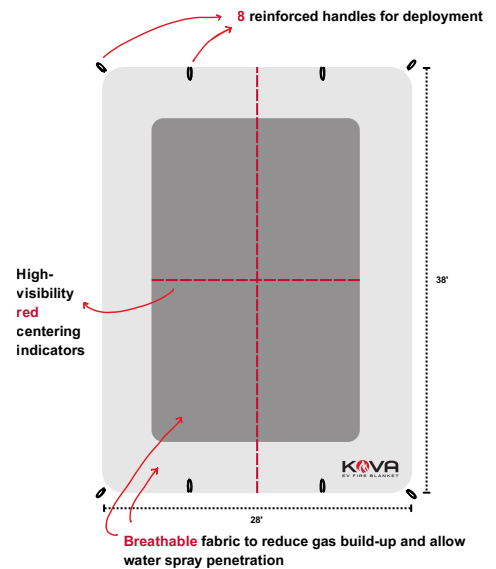
KOVA Fire Blanket

Tulmar IP. Manufactured by Tulmar.

The KOVA Fire Blanket is engineered to contain high-heat, high-intensity lithium-ion fires in the most demanding conditions.

Designed for rapid deployment, it suppresses flame spread, reduces radiant heat, and helps control toxic smoke, buying critical time for responders and protecting surrounding assets.

Recommended for: small or large vehicles, generators.



Capability

- Covers all passenger and small industrial EVs
- Withstands heat up to 1650°C (3000 °F)
- Breathable fabric reduces gas build-up and allows water spray penetration
- Saves water
- Quick-release bag: unpack and deploy
- 8 reinforced handles
- High-visibility red centering indicators



Modular Inflatable Shelter

Tulmar IP. Manufactured by Tulmar.



Tulmar's Inflatable Shelter System delivers rapid deployment, durability, and secure protection in a lightweight, transportable design engineered for modern missions.

Built to perform in extreme conditions, it withstands harsh weather, demanding field environments, and repeated operations without compromising structural integrity. The system inflates in minutes to provide a stable, climate-controlled workspace.

Its modular design enhances mobility and can be configured for diverse mission needs, including the option to integrate signature-management covers for reduced visual and thermal detectability.

Recommended for: Expedient vehicle-maintenance shelter, forward HQ or CP setup, potential use in northern operations, search and rescue.



Outfitting Vehicles

Tulmar IPs. Manufactured by Tulmar.



Tulmar brings over 30 years of experience in vehicle outfitting and protection systems, delivering engineered textile, soft-armor, and cover solutions for some of the world's leading defence platforms. Our capabilities span the full lifecycle, from design and prototyping to certified manufacturing, ensuring reliability in the most demanding operational environments.

Our portfolio includes custom-designed cover systems for the Navistar 700 Series, along with our role as a prime supplier to GDLS for modular load-carriage systems and secure restraint solutions.

Building on this foundation, Tulmar is part of the Power Team for the LVM program, working alongside Marshalls, GDLS, and Mercedes-Benz to support the next generation of Canadian military vehicles. Through Canadian-made protection, textile engineering, and sustainment solutions, we help ensure vehicles, and their crews, are protected.





Swedish Engineering, Canadian Craftsmanship



Arctic Neighbours

Saab's Canadian partner, Tulmar, manufactures advanced camouflage systems for the global market in Hawkesbury, ON. It's Canadian defence capability - hiding in plain sight.

Keeping People and Society Safe

Watch Video



SAAB

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Anti-Drone Net

Tulmar & SAAB Project. Manufactured by Tulmar.

Anti-drone protection for military and civilian needs

The Tulmar & SAAB Anti-Drone Net has undergone extensive testing in the field.

- The tests featured drones equivalent to the Zala Lancet 3
- 12 kg heavy drones were launched against the net at 250 km/h
- Upon impact with the net, drones were halted and destroyed

Recommended for: vehicle concealment, overhead cover for critical equipment, HQ/CP protection, POL points.



Capabilities

- Multispectral protection across the entire electromagnetic spectrum (UV, VIS, NIR, SWIR, TIR and RR)
- Protection for critical infrastructure (Electrical substations, water pump stations, C2 units, electrical generators)
- Protection for military personnel and assets (temporary soldier posts, moving vehicles, threats in proximity, when lower levels of protection aren't enough, situations with physical limitations)



Mobile Camouflage System (MCS)

Designed & manufactured by Tulmar.



Modern military vehicles must have a low signature and be adaptable to beat or neutralise threats. We developed our Mobile Camouflage System (MCS) to do that.

Available for most platforms, the system comprises a combination of materials affecting the electro-magnetic properties, including:

- Customized to enhance any vehicle
- Reduce detection
- Gloss and hot-surface prevention
- Dust prevention
- Logistics efficiency
- Silent-watch capability
- Modular load carrying

Recommended for: mobile armoured and mechanized units, any platforms requiring reduced signature.



Soldier System

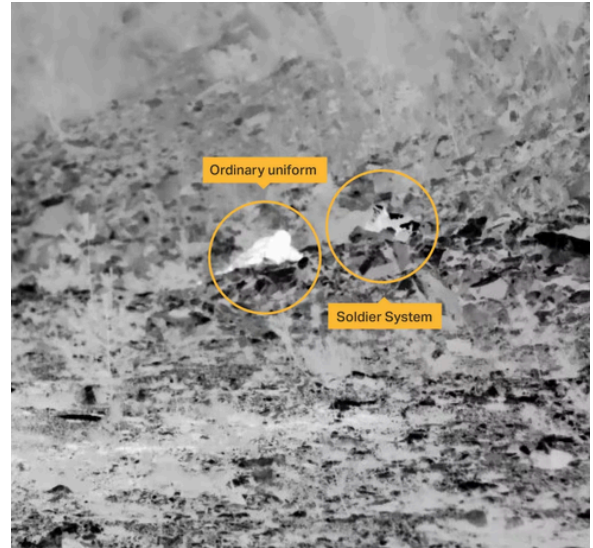
Manufactured by Tulmar.

Evade thermal sensor threats

On today's battlefield, airborne thermal sensors are easily acquired and can immediately detect unprotected soldiers outside secure areas. Without personal camouflage, one soldier could reveal the location of an entire unit.

It enables operators to defeat enemy detection across multiple spectrums by reducing thermal signatures, breaking up visual patterns, overcoming near-infrared environments, and rendering multispectral surveillance virtually ineffective.

Recommended for: reconnaissance units, sniper teams, light infantry.



Capabilities

- Versatile and customizable modular design
- Reversible for day and night operations
- Lightweight
- Multispectral protection across the entire electromagnetic spectrum (UV, VIS, NIR, SWIR, Thermal-Daytime, Thermal-Night-time)

ULCAS Camo Net

Manufactured by Tulmar.



On today's and future battlefields, there are no scenarios without a multispectral sensor threat. When you need multispectral camouflage that is scalable to a wide range of deployed assets, our Ultra-lightweight Camouflage Screen (ULCAS) is the ultimate solution.

- ULCAS reduces up to 80% of solar loading on vehicles, shelters, tents and containers
- Designed with a joining system, individual camouflage nets can be readily linked together or fastened to the ground with ground stakes
- Easy to install and quick to deploy
- Size and shape can be tailored

Recommended for: Static equipment, vehicles, and small field structures, dispersed operations





Made in Canada



GALEO PFD



SLING LOK



RESCUE BRIDGE



KOVA BLANKET



INFLATABLE
SHELTER



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