

Fireflex Division



SEI Industries

Established in 1978, SEI Industries Ltd. is an industrial fabric products manufacturer best known for its invention of the world-famous Bambi Bucket which is used by helicopters to drop water on forest fires. Today, operating from a full-service 48,000 sq. ft. (4,460 sq. m.) manufacturing facility located in Delta, BC, Canada, SEI supplies more than 45 unique products that serve more than 50 military forces as well as a diversity of commercial enterprises.

Since January 1983, the company has specialized in the design, manufacturing, marketing and commissioning of structural engineered fabric products and related systems to the aviation, remote site logistics supply, environmental, and firefighting industries. Other SEI capabilities include pumping / filtration design and manufacturing, and technical problem-solving involving new-generation, high-strength, lightweight fabrics, and state-of-the-art power generation and liquid transfer systems.

SEI provides service and high quality task-specific products worldwide to oil and mineral exploration companies, over 750 helicopter aviation companies, government agencies, and military in over 105 countries, the United Nations, humanitarian relief agencies, original equipment manufacturers, and Fortune 500 companies.

SEI has cultivated a unique, innovative capability not readily found elsewhere in the world. We excel at designing, engineering and manufacturing products from industrial fabric materials which solve specific problems for our customers. Flexible fabric-based products provide advantages not available with products made of traditional rigid materials.

With an emphasis on customer-driven features such as collapsibility, transportability and quick set-up, SEI industries has found itself at the forefront of product design for a variety of applications related to liquids containment and handling.





Firefighting Support

The Fireflex product group has been providing wildland and structural firefighting organizations with reliable water containment solutions for more than 20 years. This product line offers a variety of firefighting tools that are collapsible, easy to transport and quick to setup.

Around the world, the Fireflex brand is recognized as reliable and durable with the longest life expectancy. This service life, combined with quality industrial fabrics, allows operators to save on costs in the long-term.



Fireflex tanks make ideal companions for Bambi Buckets, when operations are far from natural water sources. The Helwell and Pumpkin Tanks give aerial firefighting crews access to water to help quell the flames.

SEI is dedicated not just to products, but to solutions. Our teams work with engineers on-site. Teams can help you design a solution that amends or adds on to our products, or combines multiple things in our catalogue. In doing so, we can create a bespoke operational solution that perfectly addresses your needs.

Tanks



Pumpkin Tank

This rugged, lightweight, multi-purpose tank shines in every arena. Whether it's used for ground fire-fighting, for aerial operations or as a reservoir/relay tank, the self-supporting Pumpkin Tank gets the job done.

Designed for compatibility with the Bambi Bucket, the Pumpkin Tank is the standard in helicopter bucketing operations. Built with the knowledge of what works in the field, the water in this tank is deep enough for full Bambi Bucket dips every time. The Pumpkin Tank also serves as a portable water reservoir for fire departments and forest fire control agencies.

Low Profile (LP) Tank

Fully self-supporting with an open top design and a low collar for easy filling, the Fireflex Low Profile (LP) Tank is perfect for structural firefighting in rural areas or in any situation where water access is an issue.

Fireflex LP Tanks enable fire departments to use isolated water supplies and still obtain sufficient water for effective firefighting. The collapsible LP Tank can be easily deployed by one person and quickly filled from a water tender in just minutes. With its versatility, the LP Tank can be used in remote site locations or act as a water reservoir that can be placed close to the fireline.



Helitank

Helitanks deliver water to ground crews in areas with limited water resources. The Helitank can be secured by a sling around a tree or stump and attached to two large D-rings on the uphill side. Specifically designed for Type 2 helicopters, the tank can deliver critical water resources for exhausted fire crews in hard-to-reach spots.

Capable of providing a steady supply of fresh drinking water or a supply of standard water for mop-up operations, the Helitank has proven itself as a trusted water supply tool. The Helitank is available in two sizes and two models: standard or potable (drinking) water.

Heliwell

With its large capacity and rigid sides, the Heliwell is a portable water tank that can be easily deployed in the field in less than two hours using three people. Available in two sizes, the largest model holds enough water to fully fill a 2,600 USG Bambi Bucket.

When taken apart, the Heliwell's 8-10 aluminum panels can be easily transported by a standard size pick-up truck or slung from a helicopter. Once set-up, the Heliwell can be used as a helicopter dip tank or a fire-retardant mixing tank.

Tanks



TenderTank

Instantly turn your truck into a water tender using the Tender Tank, SEI's pick-up truck tank. The Tender Tank is available in four sizes and two models (pickup and dump truck) that fit perfectly into most truck beds.

The low profile design of each tank allows for even weight distribution while full baffles ensure maximum stability. The heavy-duty PVC coated nylon fabric provides durability and strength. The Tender Tank includes grommets along the side of the tank for securing to the truck box.

Also available for potable water.

Impact Pads for Tanks

Impact Pads can be added to any Fireflex tank to safeguard the integrity of the tank in situations where the tank is likely to face some abrasion.

Notably, where tanks are used in conjunction with a Bambi Bucket, impact pads minimize the likelihood of the descending bucket or snorkel damaging the bottom of the tank. The also provide a secondary layer of strenght if the terrain has any sharp or obtrusive areas.

They can be secured using straps and buckles.

Auxilliary



FlexPak

Now in service in 82 countries worldwide, the FlexPak is a collapsible backpack tank with a hand pump for fire control and mop-up operations by ground personnel. If required, the pump can also be equipped with a reservoir for foam concentrate application. The FlexPak can be operated with the left or right hand.

The heavy-duty water pack is constructed of ultraviolet-resistant industrial fabric with lap-welded seams. It holds up to 5 USG or 19 litres. There is the optional addition of a foam pump with air-aspirated nozzle and concentrate reservoir.

Stilwell Flyer

Effective on remote, steep, sloped terrain, the Stilwell Flyer is a portable water container that is transportable by helicopter with long line delivery. Constructed of durable, rugged, flexible fabric that is mold- and mildewresistant, the innovative tetrahedron shape of the Stilwell eliminates twisting and residual bounce in flight.

Available in standard water or drinking water models, this container provides ground crews with a steady supply of water when no reliable source is nearby.

