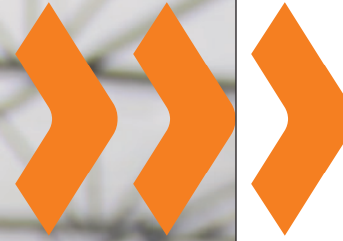


Fleet & Commercial Vehicle Thermal Insulation

Products Overview



A Focus on Quality & Service

Our process for efficiency has been perfected over the years, providing first-rate insulation products for fleet and commercial vehicles. Our meticulous design and manufacturing approach has not only earned us a solid reputation in the industry, but also instilled confidence in our clients in the quality of our products.

Through our core values of top-notch quality, unprecedented customer service, continuous improvement in products and processes, and leading with a competitive edge, we have set a new standard for solution services.

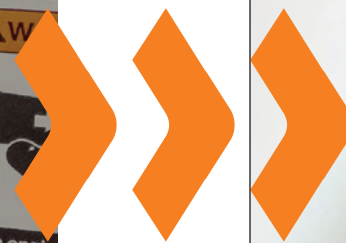
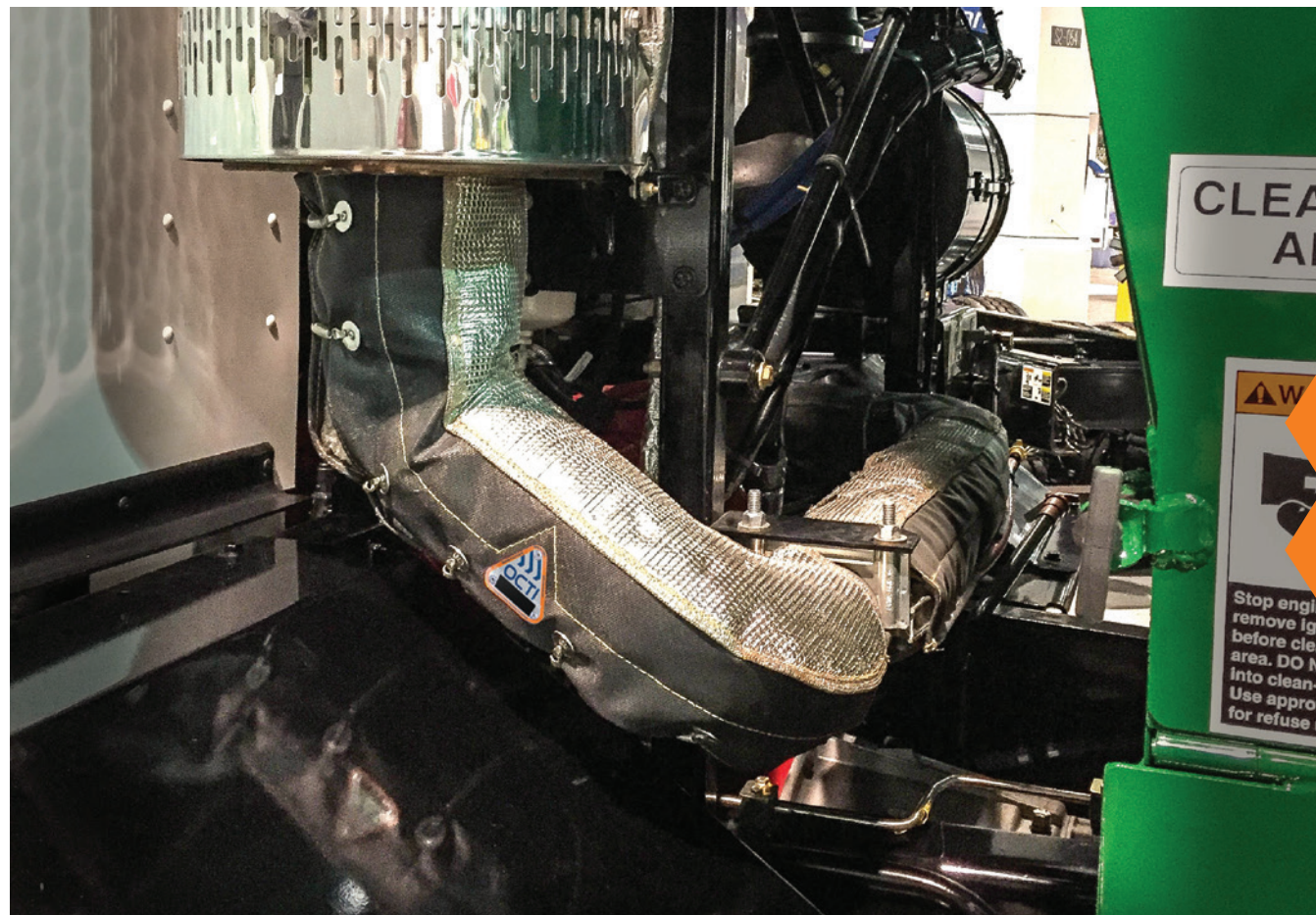
Both of our facilities are ISO9001:2015 certified confirming that our processes are built around creating and maintaining quality standards from start to finish.



Custom Removable Thermal Insulation

Meeting the Challenges of Fleet & Commercial Vehicles

The nature of the waste collection industry and other heavy off-road vehicles and equipment comes with its own unique hazardous conditions. Heavy off-road equipment and vehicles are at risk of costly downtime due to repairs, unforeseen accidents caused by uncontrolled heat and inability to reduce emissions. At OCTI, we custom design and manufacture removable insulation products that can address these challenges.



By insulating key components of the trucks, we can help:

- » Protect heat-sensitive components from high temperatures
- » Improves emissions by maintaining temperatures in exhaust systems
- » Allow for easy maintenance and repair accessibility
- » Limit and control noise
- » Improve productivity of personnel with lowered cabin temperatures
- » Reduce the risk of catastrophic fires caused by loose debris



Temperature Threshold:
 » 3000°F (1649°C) Rating

A multi-layered design made from a thin stainless steel foil and stainless steel sheets with alternately layered heat insulation material guarantees high mechanical stability.

OCTIMax-Shield

Our metal shields are rigid metal that encapsulates the insulation material, great for eliminating the possibility of water damage. With removable coverings that can withstand direct flame heat, these shields are much more durable than pliable thermal blankets.

Our unique manufacturing technique allows for the seams to be welded, eliminating the hazard of sharp edges that can injure personnel. With a wide range of uses, we have seen a significant adoption rate for bus systems, off-road construction equipment and refuse trucking in particular.

Benefits of Metal Shielding Includes:

- » Greatly increases efficiency of exhaust system by guiding heat out to the end of the silencer
- » Variable corrugation, per customer requirements, up to .00001"
- » Easy installation, removal and replacement



SUMMUS 500 Fireguard Sleeve

This knitted insulating substrate has been engineered to provide a superior level of protection and insulation for critical systems facing thermal hazards.

Benefits of Fireguard Sleeve Includes:

- » Thick layer of self-extinguishing silicone polymer shields against direct flame exposure
- » Knitted insulating substrate maintains and stabilizes internal temperatures
- » Resistant to common industrial and vehicular fluids, including lubricating oil, fuels, hydraulic fluid, acids, bases and solvents

Material Composition:

- » Fireguard Sleeve - E-Glass Fiber and High Temperature Coating
- » Finish - Knitted Binding Mesh Finish and Kevlar Stainless Steel Thread

Temperature Threshold:

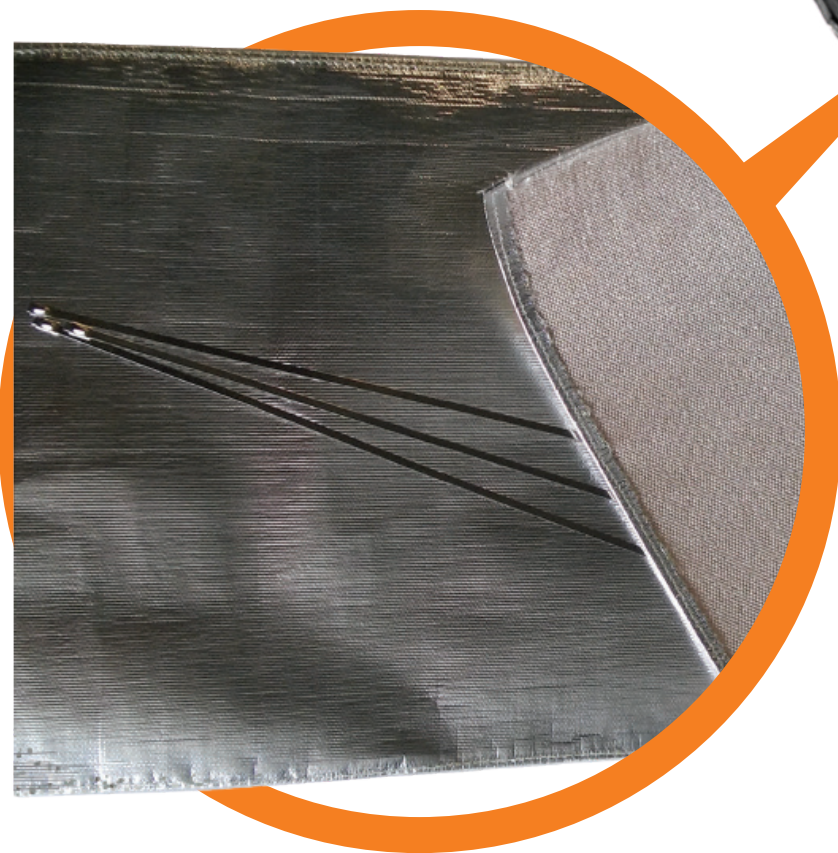
- » 500°F Continuous temperature
- » 2200°F Intermittent temperature

Aluminized Heat Wraps

Aluminized Heat Wraps are a simple solution to pipes, hoses and wiring located close to hot engine exhaust.

Our heat wraps are easy to install, and are available in 2 different sizes and includes the steel straps for installation.

Heat wrap installation is with the aluminized side out.



Aluminized Fiberglass Material

Temperature Threshold:

» Rated to 500°F

Under Cab Compartment Heat Shields

OCTI has developed an innovative heat shield that offers maximum protection to the vehicle's cabin against the high temperatures produced by the engine bay. The heat shield is designed to fit onto the underside of the cab and deflect the heat away from the driver, ensuring their safety and comfort. The heat shields are crafted using high-quality and durable PTFE-coated fabrics, which significantly increases the product's longevity and enables it to withstand harsh weather conditions. This innovative design for the fleet and commercial industry ensures a safe and comfortable driving experience for vehicle operators.



Benefits of Under Cab Heat Shields Include

- » Access to engineers for field work and onsite support
- » Installation team that works with field personnel to install your blankets
- » Strategic placement of grommets for best installation
- » Customized fit for the make and model
- » Made with tough, resistant materials for long lasting protection
- » Wide range of thickness options for perfect application



Find out how Team OCTI can help meet your heat protection and sound blocking needs with leading high-quality industrial insulation solutions.

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