

TURBO COVERS



Using a turbo cover for diesel applications offers several key benefits:

Heat Reduction: Turbo covers significantly reduce the amount of heat radiated from the turbocharger. This helps lower the overall engine bay temperature, protecting other components from heat damage and improving their longevity.

Enhanced Performance: By retaining heat within the turbocharger, a turbo cover helps maintain higher exhaust gas temperatures. This leads to faster spooling of the turbo, resulting in improved engine performance and efficiency.

Protection of Components: The cover acts as a barrier, shielding nearby components and wiring from the intense heat of the turbocharger. This reduces the risk of heat-related failures and the need for frequent replacements or repairs.

Improved Fuel Efficiency: Maintaining optimal temperatures within the turbocharger can enhance combustion efficiency, potentially leading to better fuel economy for diesel engines.

Safety: Lowering the engine bay temperature reduces the risk of heat-related accidents and improves the safety of working around the engine.

Prolonged Turbo Life: By keeping the turbocharger at a consistent temperature, a turbo cover can help prevent thermal fatigue and extend the lifespan of the turbo.



WHAT SIZE TURBO COVER DO I NEED?

Your turbo cover selection should be based on the outer diameter of the turbine housings "hot side" (which incases the exhaust-fed impeller).

Measure the diameter of your turbo's hot side and use the table below to choose the proper size turbo cover.

HOT SIDE DIA. TURBO COVER SIZE

5" to 6" T3 Turbo Cover

6" to 7.5" T4 Turbo Cover

HOT SIDE DIA. TURBO COVER SIZE

7.5" to 8.5" T5 Turbo Cover

8.5" to 10.5" T6 Turbo Cover

AN AMERICAN ORIGINAL FOR OVER 35 YEARS

Thermo-Tec Automotive, with over 35 years of experience and renowned as the original creators of exhaust wrap, leads the industry in heat and sound insulation solutions. Their products are designed to enhance engine performance and longevity by reducing underhood temperatures, improving fuel efficiency, and protecting sensitive components from heat damage. Known for their commitment to high-quality materials and continuous innovation, Thermo-Tec offers a comprehensive range of solutions for various diesel applications, customizable to meet unique needs and specifications. Trusted by professionals and enthusiasts alike, Thermo-Tec Automotive is synonymous with performance, quality, and support.



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Performance
Racing Industry



ALL OF OUR PRODUCTS ARE
PROUDLY MADE IN THE USA



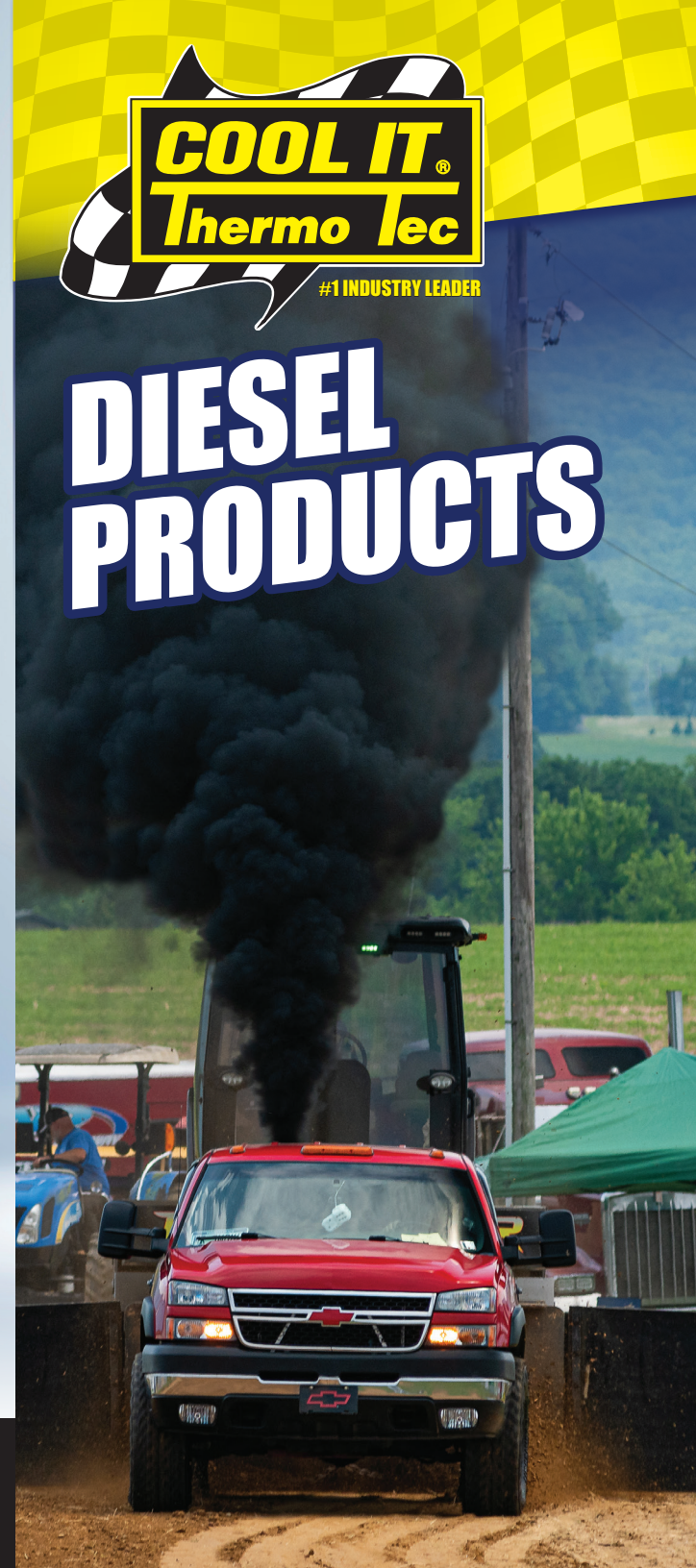
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DIESEL PRODUCTS



THERMO GUARD FR™

The best in heat and sound insulation

Thermo Guard FR is ideal for use inside the cab of diesel vehicles, addressing heat and noise



Use the Heavy Duty Spray Adhesive for a secure installation

challenges effectively. Made from 100 percent synthetic fiber felt, it absorbs sound and dampens vibrations, while its advanced foil heat barrier withstands up to 1500°F radiant heat. At just 1/4 inch thick, it maximizes performance without compromising space. Easy to install with Thermo-Tec's Heavy Duty Spray Adhesive, Thermo Guard FR ensures a secure fit and enhanced comfort for truck, RV, and other vehicle interiors.

EXHAUST WRAP

The ORIGINAL exhaust insulating wrap

Using Thermo-Tec exhaust wrap for diesel applications offers significant benefits, including improved performance and safety. By retaining heat within the exhaust system, it enhances turbo efficiency and reduces underhood temperatures, protecting other components and extending their lifespan. This also leads to better fuel efficiency and horsepower by maintaining optimal exhaust gas flow. Additionally, the wrap helps prevent heat soak, dampens vibrations for a quieter ride, and ensures durability in extreme conditions, making it an excellent choice for managing exhaust heat in diesel engines.



Adhesive-backed HEAT BARRIER

Protect virtually any surface from damaging heat

Thermo-Tec's Adhesive-Backed Heat Barrier provides exceptional benefits for diesel applications by offering superior protection against radiant heat, thereby shielding vital components from high temperatures and preventing heat damage. Its versatile adhesive backing allows for easy application to various surfaces such as firewalls, floorboards, and engine compartments, ensuring comprehensive heat management.

Thermo-Tec's Thermo Shield, made from the same material and cut into tape form, is ideal for wrapping wires and hoses, protecting them from external heat and further enhancing the vehicle's overall heat management system.



Adhesive-backed THERMO SHIELD™

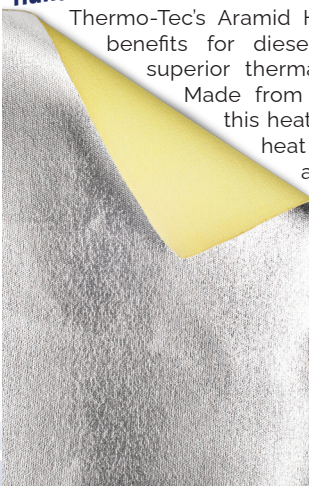
Protects hoses & wires

ARAMID HEAT BARRIER

Handles up to 3000°F of radiant heat & 750°F direct heat

Thermo-Tec's Aramid Heat Barrier offers significant benefits for diesel applications by providing superior thermal insulation and protection.

Made from high-strength aramid fibers, this heat barrier can withstand radiant heat up to 3000 degrees Fahrenheit and direct temperatures up to 750 degrees Fahrenheit, effectively shielding critical components from intense heat. This not only prevents heat damage but also helps maintain optimal operating temperatures for improved engine performance and efficiency.



SLEEVING

Protect your wires and hoses from extreme heat



Thermo-Tec's Express Sleeving and Thermo Sleeve provide significant benefits for diesel applications by offering superior thermal insulation that protects wires, hoses, and cables from high temperatures, preventing heat damage and extending their lifespan. The Express Sleeving features a convenient hook & loop, allowing for easy installation and removal without the need to disconnect components, which simplifies maintenance and repairs. Both products are made from high-quality materials designed to withstand extreme conditions, ensuring long-lasting performance and reliability. Their flexibility allows them to fit snugly around various shapes and sizes of wires and hoses, providing comprehensive protection. Thermo-Tec's Express Sleeving and Thermo Sleeve are excellent solutions for managing heat in diesel engines, offering enhanced protection, durability, and performance.

CLAMP-ON HEAT SHIELD

Blocks over 95% of damaging radiant heat

Thermo-Tec's Clamp-On Heat Shield offers significant benefits for diesel applications by providing robust protection against intense heat. This shield is designed to clamp directly onto exhaust pipes and other high-heat components, reducing radiant heat by 95%. This not only protects surrounding components from heat damage but also helps lower overall engine bay temperatures. The easy installation process, which requires no disassembly of existing components, makes it a convenient solution for heat management. Durable and reliable, Thermo-Tec's Clamp-On Heat Shield is an effective and practical solution for managing heat in diesel engines.

