

# EXHAUST INSULATING PRODUCTS

Ultra-high temperatures produced by today's engines have a dramatic effect on performance. Solution? Thermo-Tec's full line of high performance heat control products that focus on utilizing heat as a performance tool. For over 15yrs Thermo-Tec has been developing & manufacturing products for the Automotive Performance, Aerospace & OEM industries.



## HIGH VELOCITY EXHAUST JACKET

The quick-wrap high-velocity Exhaust Jackets are an innovative way to insulate and block radiant heat. The jackets cover the tubes vertically allowing for a consistent fit. The fit allows the exhaust system to expand as it comes up to operating temperatures without restrictions and provides air space for added insulation. This product uses Thermal Conduction Technology (TCT), developed by Thermo-Tec, and can be applied with the headers in the vehicle.

4-6 cyl. kit ..P/N 08-00597 ..... 8 cyl. kit...P/N 08-00598 .....

## SPARK PLUG WIRE HEAT SHIELD



The ultimate protection for spark plug wires and boots from conductive and radiant heat. The dual-purpose sleeve has a surface that reflects over 90% of radiant heat, while the inside silica-based fabric prevents conductive heat from penetrating.

## TURBO KIT



The Turbo Kit was designed to protect, improve performance, and eliminate turbo lag of a turbo charger. This complete kit, to contain the heat produced by a turbo, fits a wide variety of turbines. The custom cut-to-fit kit comes with an excessive amount of material to cover turbos from the smallest automotive application to heavy-duty truck applications. 2 Turbo Kits are available: a 4 cyl. kit & a 6 - 8 cyl. kit.

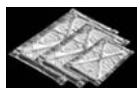
4 cyl. kit ..P/N 08-00613 ..... 6-8 cyl. kit..P/N 08-00614 .....

## MUFFLER/CAT HEAT SHIELD KIT



The 40"x 24" mylar Heat Shield is made up of woven silica with a flexible mylar finish. The highly-reflective heat shield can be installed between the catalytic converter, muffler, or any other component to reflect radiant heat away from the undercarriage of the car. The kit includes all necessary fasteners.

P/N 08-00616 .....



## HEAT TERMINATOR ULTRA-LITE

Designed with the racer in mind, Heat Terminator is made of the highest-quality insulating materials available today. The material is made of a highly-textured aluminum composite surface on one side, with a high-temperature silica felt center and a durable mylar composite facing. The Heat Terminator uses Thermal Conduction Technology (TCT), developed by Thermo-Tec.

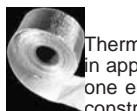
8"x 12" .....P/N 08-00617 ..... 10"x 18".....P/N 08-00618 .....  
18"x 18" .....P/N 08-00619 ..... 18"x 24".....P/N 08-00620 .....  
24"x 24" .....P/N 08-00621 ..... 24"x 36".....P/N 08-00622 .....



## STARTER HEAT SHIELD

In today's high-heat environment, starters take in a lot of damaging heat that destroys the windings of the starter & solenoid. To combat this problem, Thermo-Tec created a non-conductive strap-on heat shield with a highly-reflective mylar surface. The Starter Heat Shield will reflect over 90% of radiant heat, adding life to the starter and assuring reliable starts. The Starter Heat Shield is a universal kit that fits all starters.

P/N 08-00611 .....



## THERMO SHIELD

Thermo-Shield protects hoses & wires from radiant heat. Used in applications where it is difficult or not practical to disconnect one end of the hose or wire. The adhesive-backed composite construction tape can easily be wrapped around the hose or wire to make a clean, professional appearance. 15"x 1.5" roll.

P/N 08-00602 .....



## THERMO-FLEX

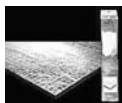
Thermo-Flex Aluminum is a composite heat shield material with unlimited uses. The material is manufactured with a combination of materials to provide abrasion-resistance, thermal insulation, and physical containment of hoses and wiring. The combination of aluminum, silica, and stainless steel is combined to produce a sleeving that is flexible, lightweight, and strong. The aluminum-silica combination can be slit for applications such as wire looms or hose covering without disconnecting the ends of the wire or hoses. Thermo-Flex Aluminum can withstand extreme temperatures of up to 750°F. Packaged in 10 ft. lengths.

5/8" .....P/N 08-00623 ..... 1.25" ..... P/N 08-00626 .....  
0.75" .....P/N 08-00624 ..... 1.5" ..... P/N 08-00627 .....  
1" .....P/N 08-00625 ..... 3"..... P/N 08-00628 .....

## FIREPROOF SHIFTER BOOT

The Fireproof Shifter Boot is made up of woven silica with a flexible Mylar finish. The shifter boot was developed as a fire barrier for high speed engine fires, which can burn away rubber boots in seconds.

P/N 08-00615 .....



## COOL-IT MAT

Use the Cool-It Mat to battle excessive heat and noise that penetrate the driver compartment through the firewalls and floorboards. It is also perfect in doors, under hoods, and above transmission housings. Cool-It Mat is composed of resin-bonded silica blanketing insulation sandwiched between a mylar facing on one side and a foil facing on the other. The highly-reflective mylar reflects heat away from surfaces, while the foil side is orientated away from the heat source to conduct any penetrating heat across its surface thus providing the ultimate in heat protection. The silica blanketing is a dual-density composite and is the main sound insulator. It is easy to trim and can be applied with the push-in fasteners provided or any weather strip adhesive.

P/N 08-00610 .....



## THERMO-SLEEVE

Lamination of a high-temperature fabric to a highly-reflective foil is the makeup of Thermo-Sleeve, which provides protection from radiant heat for hoses and wires.

Thermo-Sleeve's ultra light-weight construction provides more insulating than traditional bulky rubber-coated fiberglass. The aluminized sleeving reflects over 90% of radiant heat, and is fireproof & oil resistant. Comes packaged in 12-ft lengths, and sold in 5 different inside diameter sizes.

12" 1/2" ID .....P/N 08-00605 ..... 12" 1" ID...P/N 08-00606 .....  
12" 1-1/2" ID...P/N 08-00607 ..... 12" 2" ID...P/N 08-00608 .....  
12" 2-1/2" ID ..P/N 08-00609 .....



## HEAT BARRIER - ADHESIVE BACKED

Aluminized Heat Barrier is made up of woven silica with a flexible aluminized finish. The highly reflective surface of the material is capable of withstanding radiant temperatures in excess of 2000°F. The adhesive backed composite

construction material can easily be applied to any surface or wrapped around a hose or wire to make a clean professional appearance. Note: Clean surface before applying. Adhesive is rated up to 300° F. Don't apply to any parts of exhaust system. This product is designed to block radiant heat only!

12" x 12" ...P/N 08-00630 ..... 12" x 24" ....P/N 08-00600 .....



## HEADER MANIFOLD BLANKET

The Header Manifold Blanket provides excellent heat-retention for exhaust headers and manifolds. This flexible heat shield simply clips into place on the upper portion of the header. The fabric side of the material should be facing the heat source, and the aluminized side facing away, offering protection from abrasion and harmful liquid spills. Available in two sizes: (2) 20" by 24" blankets for V6 & V8 applications, and (1) 36" x 40" blanket for straight 6 & 4 cylinder engines.

20"x24" ....P/N 08-00603 ..... 36"x40".... P/N 08-00604 .....



## COOL-IT PLUG WIRE SLEEVES

This unique spark plug & ignition wire protector comes in five sporty colors; red, orange, blue, black & natural. These dual-purpose sleeves enhance performance, reduce misfires, extend plug wire life and will not react with petroleum products. The double-wall construction keeps the wire and boot cooler in a high-temperature engine. Its universal size fits most boots, is easy to install & non-flammable.

4-Pack .....P/N 08-01027 ..... 6-Pack..... P/N 08-01030 .....



## GRAPHITE BLACK WRAP

Graphite Black Wrap offers the same unrivaled performance and insulating properties as our original exhaust wrap and more. Traditionally, high-heat coating spray had to be applied to the exhaust wrap to color it black. Now new Graphite Black Wrap eliminates the process of coating the wrap with its patented Thermal Conduction Technology (TCT) high-heat color pigment. Graphite Black Wrap is available in 2" widths, in 50-ft rolls.

P/N 08-00596 .....

## GENERATION II COPPER HEADER WRAP

Generation II Copper Header Wrap improves heat resistance up to 30% more than current technology, by utilizing a new proprietary coating developed by Thermo-Tec; improved Thermal-Conduction-Technology (T-C-T).

Creates more horsepower & reduces underhood temps, increases exhaust scavenging, withstands continuous heat up to 2000°F, contains no asbestos. Sold in 1" or 2" wide, 50 ft rolls with low profile 1/16" thickness.

1"X50.....P/N 08-11031 .....

2"X50.....P/N 08-11032 .....



## MICRO LOUVER AIR SHIELD

Lightweight yet durable, the aluminum Micro Louver Air Shield features micro air louvers, which allow air to flow through the metal shield. The movement of the vehicle creates dynamic air flow, cooling by natural convection. The textured surface created by the micro air louvers creates more area for heat dissipation. The Micro Louver Air Shield is flexible yet durable; it bends and flexes easily by hand, making a custom fit trouble-free.

12"X24".....P/N 08-11710 .....

24"X24".....P/N 08-11720 .....

48"X24".....P/N 08-11740 .....

EP