

COOL IT[®]
Thermo Tec



**PERFORMANCE AND
HEAT CONTROL PRODUCTS**



**MORE THAN
TWENTY YEARS
OF EXCELLENCE
OFTEN COPIED,
NEVER EQUALED**

Since 1987, Thermo-Tec has been proud to offer our customers the latest in exhaust insulating and heat protection technology. Our mission has always been to use research, experience and innovation to provide a quality product to our valued customers. For more than twenty years, our goal has been to exceed our customer's expectations in solving the ever pressing destructive nature of exhaust heat. This mission has been and continues to be the fuel that drives us to continue to create and develop the best possible solutions.

Thermo-Tec will continue to offer the best, from heat insulation products to acoustical control products, and will continue as the industry leader. Thanks to our loyal customers all over the world for success in the past twenty-four years. We look forward to providing high-quality, innovative new products in the years to come.

Project American Heroes

In 2007, *Super Chevy* magazine, in conjunction with over 44 automotive aftermarket performance product companies built a breath taking 1957 Chevrolet Convertible on behalf of the men and women of our Armed Services. The car was auctioned and netted a \$130,000.00 donation to the Armed Forces Foundation and their hard work and support of our veterans.



Project American Heroes photos provided by *SUPER CHEVY* magazine

Project American Heroes continues. In 2009, *Super Chevy* magazine again enlisted the support of automotive aftermarket companies on a second build of an American and Chevrolet icon, a 1969 RS/SS Camaro. This year, the project car is a 1970 Chevrolet Chevelle. This happens through the extreme dedication of Route 66 Motorsports and their talented crew of professional craftsmen along with a number of sponsors that can be found on www.projectamericanheroes.com. Thermo-Tec is proud to be one of those sponsors.

“ We applaud Thermo-Tec and their support of the *Super Chevy* magazine Project American Heroes 1970 Chevrolet Chevelle car build for the support of the Armed Forces Foundation and their work with our troops and veterans. The use of their superior quality products insures the reduction of road noise while improving driver comfort with enhanced radiant heat control for the best in creature comfort for the “long haul.” We can not wait to get behind the wheel and experience first hand just what an improvement this makes overall.”



-Ed Zinke, Publisher, *Super Chevy* magazine

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EXHAUST INSULATING WRAP



The Original Exhaust Insulating Wrap™ was developed over 20 years ago by Thermo-Tec™. Exhaust Insulating Wrap is an innovative way to create more horsepower and reduce temperatures under the hood. Wrapping headers with Exhaust Insulating Wrap maintains hotter exhaust gases that exit the system faster through decreased density. This produces increased exhaust scavenging, as well as lower intake temperatures. Exhaust Insulating Wrap withstands continuous heat up to 2000°F; it contains no asbestos. Thermo-Tec's Exhaust Wrap will not over-insulate a system when properly installed, due to its proprietary coating - Thermo-Conductive-Technology (T-C-T™), specially developed by Thermo-Tec, that conducts heat across the wrap's surface. This unique coating controls heat buildup and dissipation. Exhaust Insulating Wrap, available in natural and graphite black colors, is sold in 15 and 50 ft. rolls, 1 and 2 inches wide. All Exhaust Wrap has a low profile 1/16 inch thickness.



Reduces under-hood temperatures up to 70%
Increases horsepower and fuel efficiency
Withstands continuous heat up to 2000°F
Increases life of the engine and electronic system components

Part Number	Description
11001	1 in. x 1/16 in. x 50 ft.
11002	2 in. x 1/16 in. x 50 ft.
11003	2 in. x 1/16 in. x 100 ft.
11151	1 in. x 1/16 in. x 15 ft.
11152	2 in. x 1/16 in. x 15 ft.
11006	6 in. x 1/16 in. x 100 ft.
Graphite Black Wrap	
11021	1 in. x 1/16 in. x 50 ft.
11022	2 in. x 1/16 in. x 50 ft.
11023	2 in. x 1/16 in. x 100 ft.
11153	1 in. x 1/16 in. x 15 ft.
11154	2 in. x 1/16 in. x 15 ft.

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1951 Mercury
 Owner:
 Mike Kunzman,
 photo by
 Jon Kunzman

EXHAUST INSULATING WRAP

Generation II Copper™ Exhaust Insulating Wrap

Revolutionary!
The best just gets better!

Generation II COPPER Header Wrap improves heat resistance up to 20% more than current insulating technology, by utilizing a new proprietary coating developed by Thermo-Tec - improved Thermal-Conductive-Technology (T-C-T). Available in 50' lengths, 1" and 2" widths.

HI-HEAT COPPER COATING

Part of Thermo-Tec's tri-coating system, it enhances the performance of all Thermo-Tec Exhaust Wraps. Advanced T-C-T is proprietary and only available through Thermo-Tec's world-wide distribution network.



Patent
Pending

**Tri-coated performance
enhancing system**

Part Number	Description
11031	1 in. x 50 ft.
11032	2 in. x 50 ft.
12003	Hi-Heat Coating, Copper

High-Velocity Exhaust Jackets™

The Quick Wrap High-Velocity Exhaust Jacket™ is an innovative way to insulate and block radiant heat, using Thermal-Conductive-Technology. The jacket covers the tubes vertically allowing for a consistent fit. This allows the exhaust system to expand without restriction as it comes up to operating temperature and provides air space for added insulation. High-Velocity Exhaust Jackets can be applied with the headers on the vehicle.



**Reduces under hood temps
up to 70%**

**Installs with headers mounted
Maximum breathability**

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Part Number	Description
11246	4-6 Cylinder kit (12 ft.)
11248	8 Cylinder kit (16 ft.)



Photos courtesy of
Michael Manning
of American Autowire.

HIGH PERFORMANCE PRODUCTS

Exhaust Wrap Kits



Everything you need for a complete, professional installation of our Exhaust Insulating Wrap, all in one package. Kits include Exhaust Insulating Wrap, Hi-Heat Coating™ and SnapStrap™. They are available in Black and Original; two sizes, one for motorcycles and 4 Cyl., one for 6–8 Cyl. applications.

Part Number	Description
19102	Original, one roll kit
19202	Original, two roll kit
19122	Black, one roll kit
19222	Black, two roll kit

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 faces the heat source; the aluminized side faces away, offering protection from abrasion and harmful liquid spills. The Header Manifold Blanket is available in two different kits: Two (2) 20" x 24" blankets for V-6 and V-8 applications; One (1) 36" x 40" blanket for straight 6 & 4 cylinder engines.

Great for wrapping cast iron and RV applications

Part Number	Description
14003	V-6 and V-8
14004	4-cylinder & straight 6

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Photos courtesy of Year One

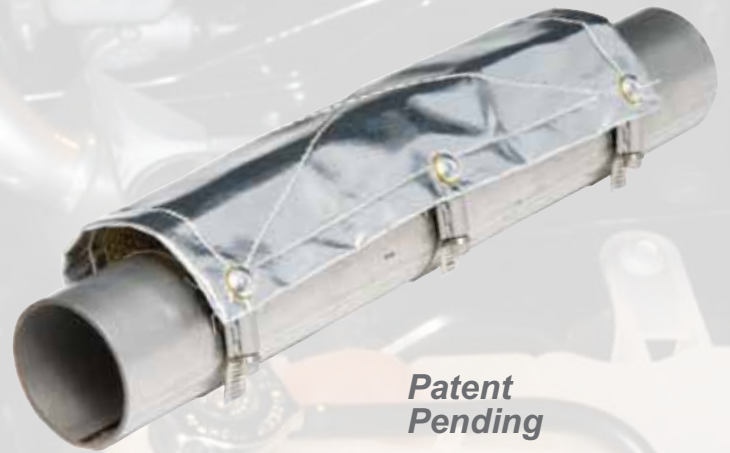


HIGH PERFORMANCE PRODUCTS

Clamp-On Heat Shield

The new and improved flexible Clamp-On Heat Shield blocks more than 95% of the damaging radiant heat of the exhaust. The high-tech composite construction provides the ultimate in protection. Shields incorporate Thermo-Tec's proprietary coating technology T-C-T. Kits come complete with all clamps and stainless steel stand-offs; available in one, two and three foot lengths.

Part Number	Description
11600	6 in. x 1 ft. kit
11604	6 in. x 1 ft., 4 in. clamps
11620	6 in. x 2 ft. kit
11624	6 in. x 2 ft., 4 in. clamps
11630	6 in. x 3 ft. kit
11634	6 in. x 3 ft., 4 in. clamps
11650	4 in. x 1 ft. kit
11660	4 in. x 2 ft. kit



Patent Pending

**Blocks over 95% of radiant heat
Installs in minutes**

NEW T3-T4 Turbo Cover

The new, easy fit design can fit a T3, T4 or T5 turbine. The turbo cover keeps the turbine spooled up, reducing turbo lag. The dual layer construction increases performance and durability, reduces under hood temperatures, improves horsepower and performance by maintaining temperatures inside the turbo. Kit includes grommets and wiring for easy installation. Made in the USA.

Part Number	Description
15004	Kit fits T3, T4 or T5 grommets and wiring



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HIGH PERFORMANCE PRODUCTS

Turbo Insulating Kit

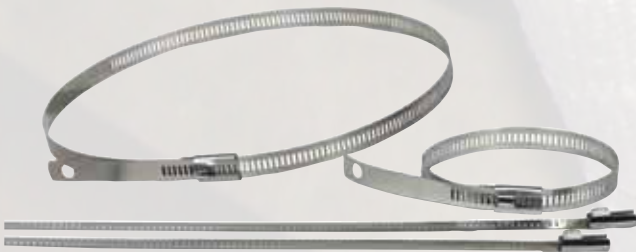


Eliminates turbo lag
Fits any size turbo, from
sport compact to
diesel trucks

The Turbo Kit was designed to protect, improve performance and eliminate turbo lag. The key to turbo performance is to keep a flow of high temperature exhaust gases moving through the exhaust side impeller. Kits contain a generous amount of material, to custom-fit a wide variety of turbines. Two Turbo Kits are available: a 4 cylinder kit and one for 6 & 8 cylinders. Each kit contains Exhaust Insulating Wrap, a yard of Aluminized Heat Barrier, hardware and instructions.

Part Number	Description
15001	4 Cylinder kit
15002	6 & 8 Cylinder kit
15003	Turbo Insulation Cover only

Snap Strap™



Quick and easy to use
Stainless steel
multi-lock system

High-quality stainless steel straps with a dependable multi-lock system, now in standard lengths. No more cutting to length, then attaching the lock. Narrow width straps come in precut lengths with the multi-lock already attached - just insert the end and pull to tighten. Snap Strap comes in individual sizes of 9" and 18"; also in kits for V-6 or V-8 applications.

Part Number	Description
13101	V-8 Kit 8 - 9" straps, 4 - 18" straps
13105	V-6 Kit 6 - 9" straps, 4 - 18" straps
13150	12 pack 9" 12 - 9" straps
13160	6 pack 18" 6 - 18" straps

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Photo courtesy of
Murrays Speed & Custom

www.thermotec.com

Heavy-Duty Spray Adhesive Hi-Heat Coating

Use the Hi-Heat Coating to finish off a clean and well-protected Exhaust Insulating Wrap installation. The coating will protect the wrap from abrasion and harmful liquid spills. Extra resins and binders toughen the surface and help extend the life of the wrap by protecting it from friction. They also seal the pores to minimize the penetration of harmful liquids. The 11 oz. spray coating now comes in three colors - black, aluminum and copper. Heavy-Duty Spray Adhesive is the answer when you need a quick-drying, long-lasting spray adhesive in a high-temperature application. Extra-strong contact-style adhesive sets quickly, lasts even in high-temperature situations. Comes in a large 16 oz. spray can.

Part Number	Description
12001	Black, 11 oz.
12002	Aluminum, 11 oz.
12003	Copper, 11 oz.
12005	Heavy-Duty Spray Adhesive, 16 oz.



Patent Pending

Metallic-based coating for performance enhancement

Battery Wrap Heat Barrier™

Battery Wrap is a combination of materials designed to provide the ultimate in protection from battery-destroying heat and vibration. The black felt material is treated with a proprietary material that neutralizes acid. This adhesive-backed heat barrier protects components from conductive and radiant heat. The heat barrier is made up of woven silica with a flexible aluminized finish. The highly reflective surface of this material is capable of withstanding radiant temperatures in excess of 2000°F. Battery Wrap is available in a kit that includes an 8" x 40" piece.

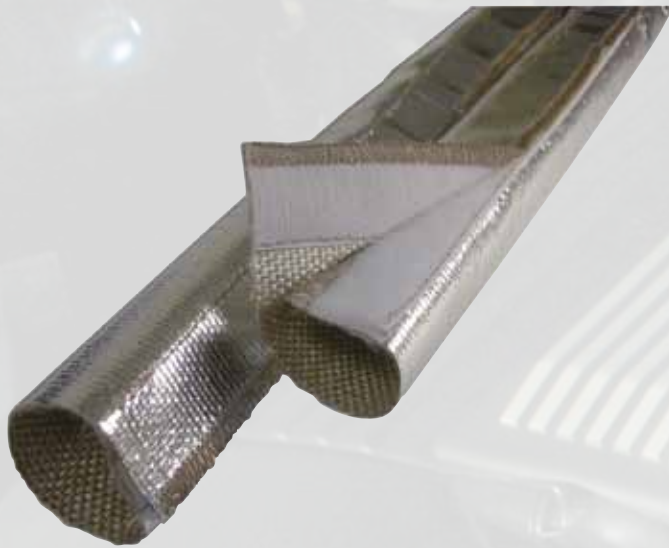
Part Number	Description
13200	Battery Wrap Barrier kit



**Acid Neutralizer
Ultimate in protection from heat and vibration that destroys batteries**

HEAT PROTECTING PRODUCTS

Express Sleeves



**Easy hook and loop closure
Excellent protection for
hoses and wires**

New Express Sleeves™ provide the great protection of a combination of a high temperature fabric laminated to a highly reflective Mylar foil, plus the convenience of hook and loop closure. You get ultra-lightweight protection for hoses and wires in an extremely easy-to-apply product. Like Thermo-Sleeve, Express Sleeves reflect over 90% of radiant heat; they are also fireproof and oil resistant. Express Sleeves come in 3' and 12' lengths, 1/2–1 1/2 " diameter. Bulk rolls of 50' length are also available.

Part Number	Description
14030	1/2-1 in. x 3 ft.
14031	1/2-1 in. x 12 ft.
14030-50	1/2-1 in. x 50 ft.
14035	1 1/2 in. x 3 ft.
14036	1 1/2 in. x 12 ft.
14035-50	1 1/2 in. x 50 ft.

Thermo-Sleeve



Thermo-Sleeve is the combination of a high temperature fabric laminated to a highly reflective Mylar foil. It provides protection from radiant heat for hoses and wires. Thermo-Sleeve's ultra-lightweight construction provides more insulation than traditional bulky rubber-coated fiberglass. The aluminized sleeve reflects over 90% of radiant heat; it is fireproof and oil resistant. Thermo-Sleeve can handle conductive temperatures of 750°F and radiant temperatures up to 2000°F. Thermo-Sleeve is packaged in 3' or 12' lengths, five different inside diameter sizes. It is also available in custom lengths for special applications..

Part Number	Description
14005	3 ft. 1/4 in. - 1/2 in.
14010	3 ft. 5/8 in. - 1 in.
14015	3 ft. 1-1/8 in. - 1-1/2 in.
14020	3 ft. 1-5/8 in. - 2 in.
14025	3 ft. 2-1/8 in. - 2-1/2 in.
14006	12 ft. 1/4 in. - 1/2 in.
14011	12 ft. 5/8 in. - 1 in.
14016	12 ft. 1-1/8 in. - 1-1/2 in.
14021	12 ft. 1-5/8 in. - 2 in.
14026	12 ft. 2-1/8 in. - 2-1/2 in.

Part #	SAE	O.D.
14005, 6	4	7/16 in.
14010, 11	6	17/32 in.
	8	21/32 in.
	10	13/16 in.
	12	15/16 in.
14015, 16	16	1-5/32 in.
	20	1-5/32 in.
14020, 21	24	1-11/16 in.
	28	1-13/16 in.
14021, 26	32	2 in.

HEAT PROTECTING PRODUCTS

Starter Heat Shield

In today's high heat environment, starters take in a lot of damaging heat that destroys the windings of the starter and 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 more than 90% of radiant heat up to 2000°F., adding life to the starter and assuring reliable starts. No more frustrating temporary starter failures!

Universal kit fits all starters.



Part Number	Description
14150	7 in. x 22 in.

Universal kit fits any starter

Spark Plug Wire Heat Shield

This heat shield offers spark plug wires and boots the ultimate protection from conductive and radiant heat. The dual-purpose sleeving has an aluminized outer surface that reflects over 90% of radiant heat, up to 2000°F, with a formulated inside silica-based fabric that prevents conductive heat from penetrating.



Part Number	Description
14200	(2) 6 in. x 1-1/2 in.
14250	(4) 6 in. x 1-1/2 in.

**Ultimate heat protection for spark plug wire and boot
Available in 2 or 4 pc. sets**

Photo courtesy of Bigelow Motorsports



Photo courtesy of Murray's Speed & Custom

HEAT PROTECTING PRODUCTS

Cool-It Plug Wire Sleeves™



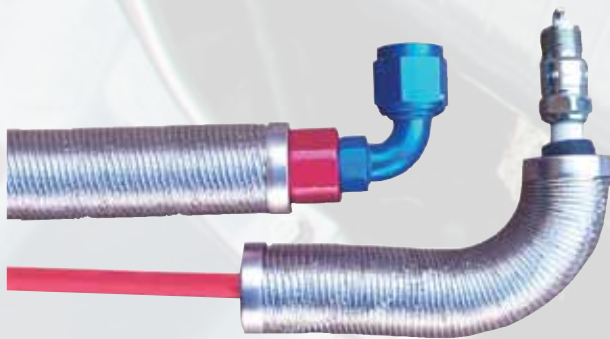
New, improved coating

These unique spark plug and ignition wire protector 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; withstands conductive heat up to 750°F. Its universal size fits most boots, is easy to install and - most important - is non-flammable. Cool-It Plug Wire Sleeves can be used in any temperature environment from street vehicles to motor homes. Sleeves are available four colors, in packs of four & six.

Part Number	Description
14260	Natural, 4 pack
14261	Red 4 pack
14262	Black, 4 pack
14263	Blue, 4 pack

Part Number	Description
14270	Silver, 6 pack
14271	Red, 6 pack
14272	Black, 6 pack
14273	Blue, 6 pack

Thermo-Flex Plug Wire Heat Shield™



Attractive durable finish

Thermo-Flex Plug Wire Heat Shield is manufactured with a combination of materials to provide thermal insulation and radiant heat protection. Thermo-Flex Plug Wire Heat Shields can withstand extreme temperatures of 1050°F. The heat shield offers protection for spark plug wires and boots from conductive and radiant heat with the durability of stainless steel. Each heat shield comes with a plug-wire centering grommet to provide protection to the wire as it exits the heat shield.

Part Number	Description
14300	2 pc.
14350	4 pc.

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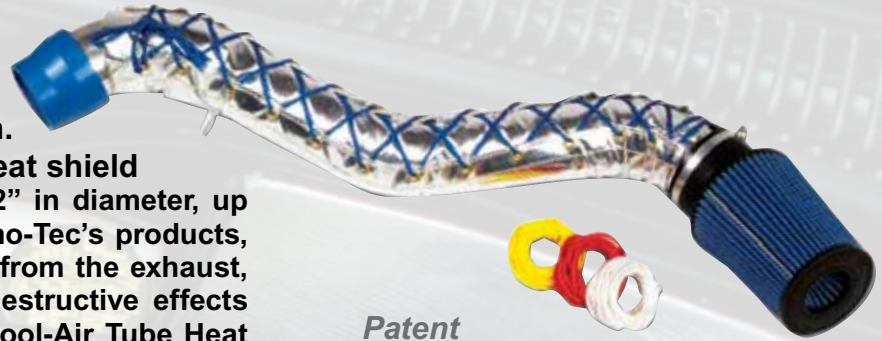
Photo courtesy of
Michael Waltrip Racing

HEAT PROTECTING PRODUCTS

Cool-Air Tube Heat Shield

The Cool-Air Tube Heat Shield features a unique lace-up design.

The unique design allows this heat shield to fit air tubes from 2-1/2" to 3 1/2" in diameter, up to 3' in length. Like most of Thermo-Tec's products, it blocks over 90% of radiant heat from the exhaust, protecting the air tube from the destructive effects of high heat. For an added kick, Cool-Air Tube Heat Shield comes with laces in four different colors - white, blue, red and yellow.



Patent Pending

Part Number	Description
14500	3 ft. adjustable diameter shield; red, blue, white and yellow laces

Unique lace-up design fits all air tubes
Blocks more than 90% of radiant heat

Heat Sleeves

This silicone-coated fiberglass fire sleeving is designed to protect wires, cables and hoses from high-temperature exposure, liquid spills and occasional exposure to flame. The high-quality sleeving is made in the USA from braided fiberglass and coated with a compound silicone rubber. It is capable of continuous protection to 500°F and short-term exposure thru 2200°F. Available in two colors, silver and black; three diameters, 1/2 in., 3/4 in. and 1 in.; three lengths, 3 ft., 10 ft. and 50 ft. rolls.



Part Number	Description
18050	1/2 in. x 3 ft. black
18075	3/4 in. x 3 ft. black
18100	1 in. x 3 ft. black
18051	1/2 in. x 3 ft. silver
18076	3/4 in. x 3 ft. silver
18101	1 in. x 3 ft. silver

Also available in 10 ft. & 50 ft. lengths.

Protective barrier for extreme heat exposure
Excellent thermal and abrasion resistance

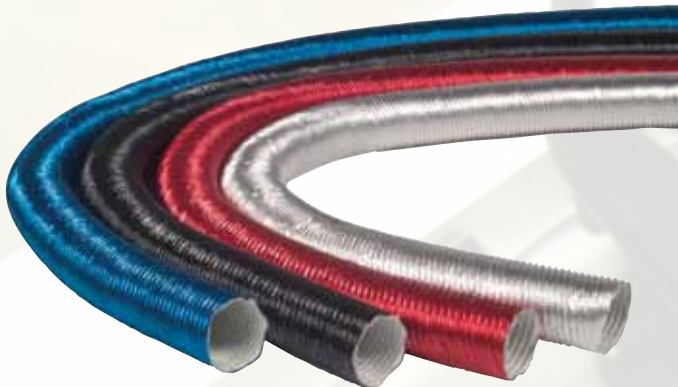
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Group 44 Triumph TR-6 at Laguna Seca
Photo courtesy of
Grassroots Motorsports



HEAT BARRIER SHIELDS

Thermo-Flex



Thermo-Flex heat shield is a composite material with unlimited uses. The material is manufactured to provide abrasion resistance, thermal insulation and physical containment of hoses and wiring. The combination of aluminum and silica produces a sleeving that is flexible, lightweight and strong. Thermo-Flex can be slit for applications such as wire looms or hose-covering without disconnecting the ends of the wire or hose.

Thermo-Flex is available in inside diameter sizes of 5/8, 3/4, 1, 1-1/4, 1-1/2 and 3 inches.

Three new colors - black, blue and red - have been added to the Thermo-Flex line, along with the original silver. All colors of Thermo-Flex withstand temperatures in excess of 750° F. in radiant heat.

Part Number	Description
17062-10	5/8 in. x 10 ft. Silver
17075-10	3/4 in. x 10 ft. Silver
17100-10	1 in. x 10 ft. Silver
17125-10	1 1/4 in. x 10 ft. Silver
17150-10	1 1/2 in. 10 ft. Silver
17300-10	3 in. x 10 ft. Silver

Part Number	Description
17062	5/8 in. x 3 ft. Silver
17075	3/4 in. x 3 ft. Silver
17100	1 in. x 3 ft. Silver
17125	1 1/4 in. x 3 ft. Silver
17150	1 1/2 in. x 3 ft. Silver
17300	3 in x 3 ft. Silver



Wire Looms

Part Number	Description
17063	5/8 in. x 3 ft. Black
17076	3/4 in. x 3 ft. Black
17101	1 in. x 3 ft. Black



Hose Protector

Part Number	Description
17064	5/8 in. x 3 ft. Blue
17077	3/4 in. x 3 ft. Blue
17102	1 in. x 3 ft. Blue

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Air Duct Insulator

Part Number	Description
17065	5/8 in. x 3 ft. Red
17078	3/4 in. x 3 ft. Red
17103	1 in. x 3 ft. Red

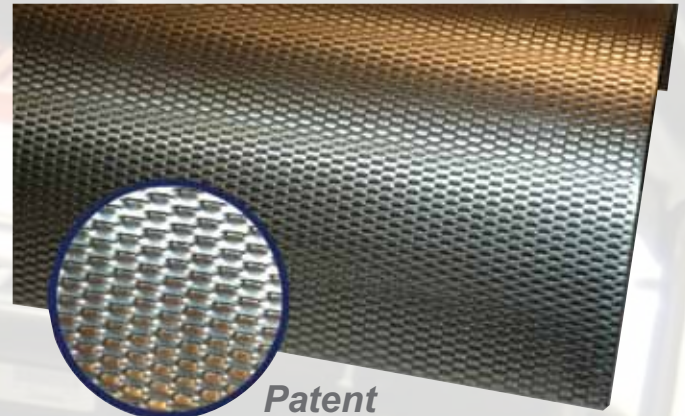
The ultimate in hose and wire protection

HEAT BARRIER SHIELDS

Micro Louver Heat Shield

Lightweight yet extremely durable, this aluminum shield features micro air louvers. These tiny vents allow air to flow through the metal shield. The movement of air across the textured surface of the shield cools by natural convection. The flexible shield bends easily by hand, making it easy to hand-form a custom fit.

Part Number	Description
11710	12" x 24"
11720	24" x 24"
11740	24" x 48"

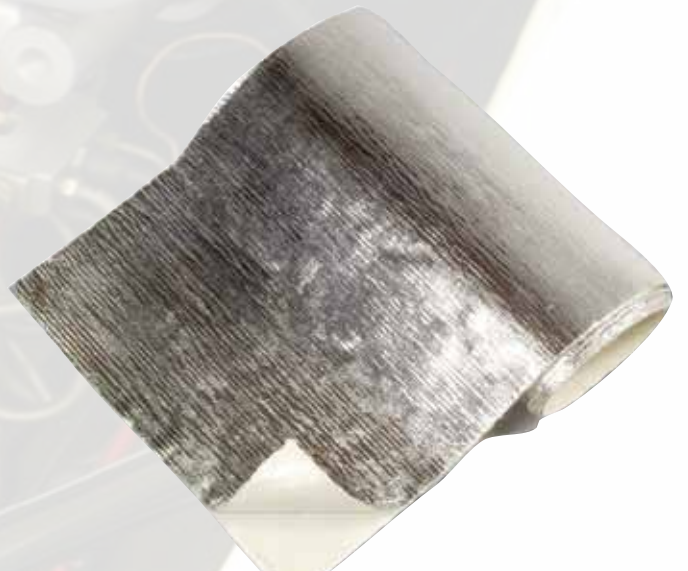


Patent Pending

Cools by natural convection
Lightweight yet durable, easy to bend and form a custom fit by hand

Protect parts and components from radiant heat. Use this special adhesive-backed material can be used to protect painted surfaces, plastic parts and more. This heat barrier is composed of woven silica with a flexible aluminized finish and a strong adhesive. The reflective surface of the material is capable of withstanding radiant temperatures of up to 2000°F. Material can be easily applied to any surface or wrapped around hoses and wires for a clean professional appearance. Adhesive Backed Heat Barrier is available in four sizes - 12 in x 12 in., 12 in. x 24 in., 24 in x 36 in., 24 in. x 48 in., also bulk 50 ft. rolls.

Adhesive-Backed Heat Barrier



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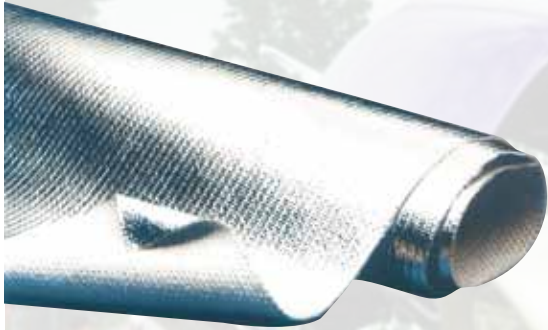
Part Number	Description
13500	12 in x 12 in.
13575	12 in. x 24 in.
13585	24 in. x 36 in.
13590	24 in. x 48 in.
13575-50	12 in. x 50 ft.
13590-50	24 in. x 50 ft.

Photos courtesy of Factory Body Works



HEAT BARRIER SHIELDS

Aluminized Heat Barrier



Withstands radiant temperatures up to 2000°F

This flexible, high temperature material makes it an excellent choice for any application when a versatile heat control product is needed. For conductive heat applications, the fabric side can handle temperatures in the range of 350-1200 degrees F. Clamps or straps such as Thermo-Tec's Snap Strap can be used to hold the material in place for applications around manifolds or exhaust systems.

The highly reflective metallic surface is capable of withstanding radiant temperatures of up to 2000 degrees F. For this application, the product can be installed using standard rivets with a back up washer or an adhesive.

When used as a heat shield, the barrier should be installed so the bright metallic surface faces the heat source. When used to retain heat, the fabric side faces the heat source. This allows the metallic surface to act as a barrier to prevent the penetration of liquids.

Part Number	Description
14001	36 in. x 40 in.
14001-50	50 ft. x 40 in.

Thermo-Shield™



Thermo-Shield™ is a combination of materials laminated together to provide a barrier against the extreme conditions that under-hood components are exposed to. Radiant and conductive heat in the under-hood environment can destroy hoses and wiring by drying out or melting the rubber and plastic of these components. This aluminized adhesive-backed tape is great for wrapping the hoses and wires you don't want to remove. Thermo-Shield reflects radiant heat up to 2000°F. Thermo-Shield Ultra offers thicker material for extra durability. Not for use on exhaust.

Part Number	Description
14002	1-1/2 in. x 15 ft.
13995	2 in. x 50 ft. roll
14000	1-1/2 in. x 15 ft. Ultra

**16 Prevents vapor lock
Easy-to-apply
adhesive backing
Thermo-Shield Ultra
also available**



Photo courtesy of Year One

HEAT BARRIER SHIELDS

Kevlar® Heat Shield

The Kevlar Heat Barrier is made from Kevlar with a Mylar® finish. The Barrier can withstand up to 3000°F. of radiant heat and direct contact up to 1100°F. The product can be installed using standard rivets with a backup washer or weather strip adhesive. Clamps or straps such as Thermo-Tec's SnapStrap™ can be used for applications on manifolds or exhaust systems.

When used as a heat shield, the barrier is installed so the bright metallic surface faces the heat source. When used to retain heat in applications such as exhaust manifolds, the barrier is installed with the fabric side facing the heat. This allows the metallic surface to act as a barrier to prevent the penetration of liquids.



Withstands radiant temperatures up to 3000° F., direct contact up to 1100°F.

Part Number	Description
16850	26 in. x 40 in.

Kevlar® Muffler Cover

The Kevlar Muffler Cover is made from Kevlar with a Mylar® finish. The Cover can withstand up to 3000°F. of radiant heat and can withstand direct contact up to 1100°F. Reduces radiant heat inside vehicle. Dampens muffler noise and vibration. Includes stainless steel straps for installation. Abrasion resistant; gives a neat attractive appearance.



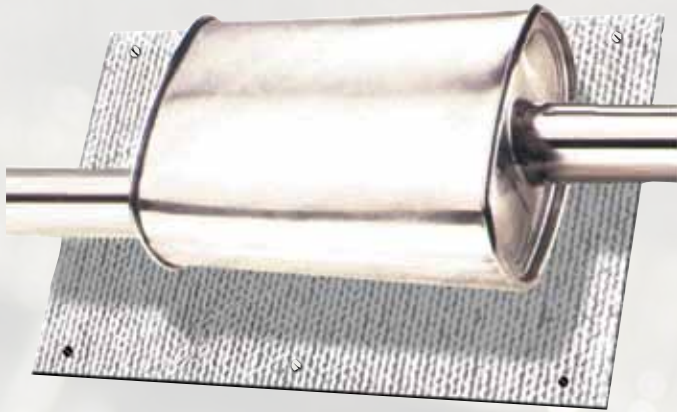
Part Number	Description
16800	25 in. x 40 in. includes straps



Photo courtesy of Paschal Performance

HEAT BARRIER SHIELDS

Muffler/CAT Heat Shield



Cleans easily
Tough mylar finish
Easy to trim

The Muffler/Catalytic Converter 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 Mylar® material is easily cleaned with soap and water to retain its reflective quality and attractive appearance. The fabric side is attached to the undercarriage and can handle temperatures up to 1200° F. The Mylar® foil side is pointed toward the heat source and can withstand radiant heat temperatures up to 2000° F. The kit includes all necessary fasteners.

Part Number	Description
16500	24 in. x 40 in. Mylar

Fire-Proof Shifter Boot



The Fire-Proof 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. High-speed fires can burn away rubber boots in seconds. Thermo-Tec's Fire-Proof Shifter Boot gives the driver one more level of protection.

Part Number	Description
16000	Fire-Proof Shifter Boot

**Extra protection from
engine fires and tunnel heat**

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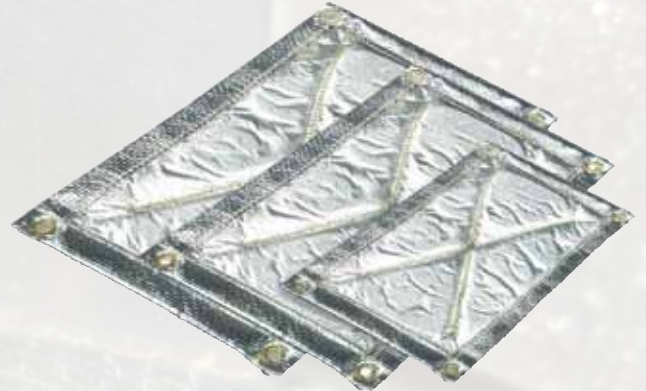
Photo courtesy of Year One



HEAT BARRIER SHIELDS

Competition Floor Insulating Mats

Designed with the racer in mind, the Competition Floor Insulating Mat (Heat Terminator) is made of the highest quality insulating materials available. The mat is made with a highly textured aluminum composite surface on one side, a high-temperature silica felt center and a durable Mylar facing. The Heat Terminator uses Thermal-Conductive-Technology, developed by Thermo-Tec; available in six popular sizes.



Part Number	Description
16510	8 in. x 12 in.
16520	10 in. x 18 in.
16530	18 in. x 18 in.
16540	18 in. x 24 in.
16550	24 in. x 24 in.
16560	24 in. x 36 in.

**The "Heat Terminator"
Ultra-lite construction**

C5 Corvette Tunnel Heat Shield

Made with a highly-textured aluminum composite surface on one side, a high-temperature silica felt center and a durable mylar composite facing. This aerospace-quality heat shield is a composite construction mat that uses existing bolts for installation. It installs in minutes by removing four bolts (bolts that you have easy access to) from each side of the plate above the exhaust. Slide shield in place above the exhaust and reinstall the bolts.



**Developed specifically for the
C5 Corvette
Easy to install**

Part Number	Description
16570	C5 Corvette Tunnel Heat Shield

Thermo-Tec™ Research
and Development vehicle



ACOUSTICAL PRODUCTS

Thermo-Tec's line of acoustical control products are designed to reduce road noise and produce better quality sound.

These high-quality mats offer the best in sound-dampening control. The high-density polyethylene film with an aluminum foil composite is abrasion and tear resistant. Both mats are 70 mil (1/8 in.) thick with a high-temperature adhesive backing. Installation is simple: cut to fit, peel away backing, press in place, remove air bubbles with the Mat Roller, enjoy the improved sound. Both products come in three different sizes - 12" x 12" (2 pcs), 36" x 24" and 36" x 60"; bulk rolls of 12 or 36 in. x 33.5 ft.. We also offer the best tool for installation of these acoustical mats - the 2" Mat Roller.

Super Sonic Mat



Gray film provides great structural integrity and strength, allowing material to bend, flex and return to shape even under tension forces.

Part Number	Description
14700	Super Sonic Mat 12" x 12" (2 pcs)
14710	36" x 24"
14720	36" x 60"
14800	Mat Roller



The Suppressor



The Suppressor is ideal where both sound and radiant heat control is desired; perfect for firewalls, floorboards and doors.

Part Number	Description
14600	The Suppressor 12" x 12" (2 pcs)
14610	36" x 24"
14620	36" x 60"

"We install the Thermo-Tec insulation before the console plate is installed in the gauge cluster . . . "

From Corvette Fever, November 2005:

"Insulating the rear compartment area first is best. This prevents damaging the insulation on the floor area and getting the insulating material everywhere throughout the interior. We tried a new heat-and-sound-deadening insulating product from Thermo-Tec called Cool-It that can be applied to the entire interior compartment. The insulator sticks to just about any surface, making it simple to install. We had plenty of seat time in Project Shark Attack on the '05 Hot Rod Power Tour and we're happy we installed the Thermo-Tec Cool-It insulation, as it cut down on the interior heat levels dramatically."



Photos and text reprinted with permission.



"The Cool-It Thermo-Tec insulation has already been installed in the rear compartment and rolled out for good adhesion . . . "

**Photo courtesy of
Super Chevy magazine**



HEAT AND SOUND PROTECTION

Cool-It Insulating Mat



Use the Cool-It Mat to battle excessive heat and noise that penetrates the driver compartment through firewalls and floorboards. Cool-It Mat is also perfect for use in doors, under hoods and above transmission housings. Cool-It Mat is composed of resin-bonded silica blanketing insulation sandwiched between a mylar facing and a foil facing. The highly reflective mylar reflects the heat away from surfaces, while the foil side is oriented away from the heat source to conduct any penetrating across its surface, providing the ultimate in heat protection. The silica blanketing is a dual-density composite; it acts as the sound insulator. Cool-It Mat comes in two sizes - 24" x 48" and 48" x 48". It is easy to trim; it can be applied with the provided push-in fasteners or with Thermo-Tec's Heavy-Duty Spray Adhesive.

Great for heat protection and noise reduction.

Part Number	Description
14100	24 in. x 48 in.
14110	48 in. x 48 in.
14100-50	24 in. x 50 ft. roll

Thermo Guard FR



Thermo-Guard FR offers the best in heat and sound insulation. This lightweight, durable shield does everything: reduces sound, absorbs vibration, protects from radiant heat and provides an extra layer of insulated padding. The product features 100% polyester fiber felt that provides sound and comfort control and a high-tech foil heat barrier that blocks over 90% of radiant heat. Thermo-Guard FR is very easy to apply and it can be trimmed to fit anywhere. Great for use in trucks, RVs, buses, cars, aircraft and homes. Available in two sizes with one or two foil sides. May be applied with Thermo-Tec's Heavy-Duty Spray Adhesive.

Highest quality thermal heat and sound insulation
All materials Flame Retardant - conforms to Federal Motor Vehicle Safety Standard 203
Non-allergenic, Non-toxic

Part Number	Description
14120	48 in. x 72 in., one-side foil
14125	48 in. x 72 in., two-side foil
14130	24 in. x 48 in., one-side foil
12005	Heavy-Duty Spray Adhesive, 16 oz.

DISPLAYS & PLAN-A-GRAMS

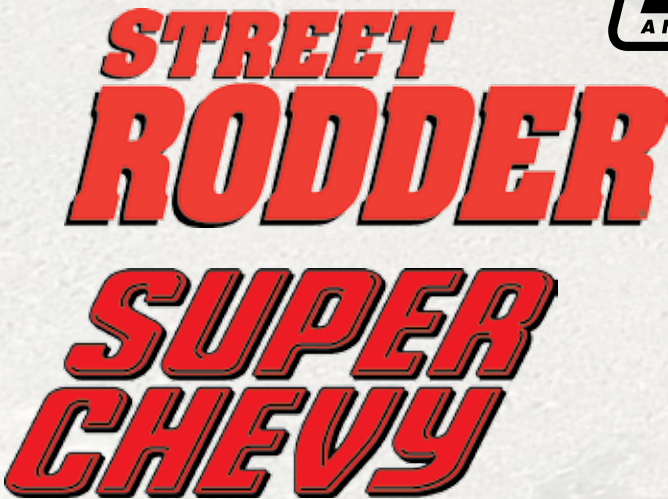
Attractive packaging and product displays help sell product. Thermo-Tec's bold packaging design, shown off by a plan-a-gram for any space or a free-standing kiosk display, almost insure the high quality products sell themselves.



Part Number	Description
1001	2 ft. Plan-a-gram
1002	3.5 ft. Plan-a-gram
1003	3-sided kiosk
1004	Mini Plan-a-gram (Starter)

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From bad to rad, in-house testing means quality!

Thermo-Tec's dedication to research and development is what sets our products apart and well ahead of the competition.

Every product we make is dynamically tested. In real world conditions. From the lab to the racetrack or the street we know exactly how your product will perform and endure. Using the latest technology to develop products that are second to none.



Corvette C6 Z06 Test Platform



Challenger SRT8 Test Platform

T-Rex Motorcycle Test Platform



Uses for Thermo-Tec's exhaust insulating and heat protection products are endless:

Racing

NASCAR

Hooter's Cup

Formula One

Drag

Street

Go-Karts



Aircraft



Sport Compact Motorcycles



RVs

Heavy Equipment



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