



***PERFORMANCE AND
HEAT CONTROL
PRODUCTS***



EXCELLENCE SINCE 1987



OFTEN COPIED, NEVER EQUALED

Utilizing extensive research and development since 1987, Thermo-Tec produces the highest quality products for heat insulating, heat protection, and acoustical control. Our products outperform the competition in the automotive, motorcycle, power sport, industrial, marine and aviation industries. Several disciplines of racing, from grassroots to professional race teams, depend on Thermo-Tec high performance products. It's our reputation for producing the highest quality, best performing products that keeps racers using our products winning.

Year after year, our loyal domestic and international customer bases have provided the "Cool-it" Thermo-Tec brand with sales growth in every category. Our commitment to quality and continuous improvement is our pledge to continue this growth.

Extreme heat conditions and the destructive nature of radiant heat in general continue to be a major problem for consumers of our products. They find that Thermo-Tec products provide logical, easy-to-use solutions at reasonable prices.

Our customers should contact us anytime with heat management and sound control issues. The Thermo-Tec team is at your service, willing to match ideal products to your needs.

OUR COMMITMENT TO OUR CUSTOMERS

- We invest in research and development to provide continuous innovation and improvement.
- We provide high quality, made in the U.S.A. products at reasonable prices.
- We provide pre/post sale problem solving and technical assistance to our customers.
- Our computerized inventory system allows us to ship products on time, all the time.
- We support our distributors with high quality promotional ad plans and marketing materials.
- We provide a very concise and user-friendly web site at www.thermotec.com
- Our point-of-sale product packaging is bright, attractive and informative.
- We are members of SEMA, PRI, PWA and various other US performance organizations.
- We have a strong, experienced sales team and distribution channels throughout the world.

Table of Contents 3

Exhaust Insulating Wrap

Original and Graphite Black	4
Generation II Copper™	5
High-Velocity Exhaust Jackets	5
Exhaust Wrap Kits	6

High Performance Products

Header Manifold Blanket	6
Clamp-On Heat Shield™	7
Turbo Insulating Kit	7
T3-T4 T5-T6 Turbo Cover	8

Accessories

Snap Strap™	8
Hi-Heat Coating™	9
Heavy-Duty Spray Adhesive	9
Cool-It Fire Suppression Blanket ...	9
Seam Tape	10
Mat Roller	10

Sleeving Products

Thermo-Sleeve™	11
Express Sleeves™	11
Ignition/Plug Wire Sleeves	12
Thermo-Flex™	12
Heat Sleeves™	13
Spark Plug Wire Heat Shield	13
Cool-It™ Plug Wire Sleeves	14

Heat Barrier Shields

Aluminized Heat Barrier™	14
Adhesive-Backed Heat Barrier™ ..	15
Anodized Gold Heat Barrier	15
Kevlar® Heat Shield	16
Thermo-Shield™	16
Battery Wrap Heat Barrier	17
Cool-Air Tube Heat Shield™	17
Fire-Proof Shifter Boot™	18
Micro Louver Heat Shield™	18
C5 Corvette Tunnel Heat Shield ...	18
Kevlar® Muffler Cover	19
Mylar Heat Shield	19
Starter Heat Shield	20
Floor Insulating Mat	20

Heat & Sound Protection

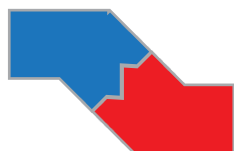
Cool-It Insulating Mat™	21
Thermo-Guard FR™	21

Acoustical Products

Super Sonic Mat™	22
The Suppressor™	22

Displays & Plan-a-grams..... 23

Research & Development.....26-27



This symbol indicates that the product will work **better together** with another of Thermo-Tec's products. Those **super product** pairs are listed beside the symbol.

EXHAUST INSULATING WRAP

Exhaust Insulating Wrap

Exhaust Wrap is an innovative way to create more horsepower and reduce under-hood temperatures. The original Exhaust Insulating Wrap was developed over 25 years ago by Thermo-Tec.

Wrapping headers with Exhaust Insulating Wrap maintains hotter exhaust gases that exit the system faster through decreased density. This produces increased exhaust scavenging, along with lower intake temperatures. Exhaust Insulating Wrap withstands continuous heat up to 2000°F; it contains no asbestos. Thermo-Tec exhaust wrap will not over-insulate a system when properly installed due to a proprietary coating, Thermal Conduction Technology (TCT™), developed – by Thermo-Tec, that conducts heat across the wrap's surface. This unique coating controls heat build-up and dissipation.

Exhaust Insulating Wrap, available in natural and graphite black colors, is sold in 15 and 50 ft. rolls, 1 and 2 inch widths. All Exhaust Wrap has a low profile 1/16 inch thickness.

Part #	Original Wrap
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.



www.thermotec.com

EXHAUST INSULATING WRAP



Reduces underhood temperatures 50–70%.
Increases horsepower and fuel efficiency.
Withstands continuous heat up to 2000°F.
Extends the life of the engine and electronic engine components.



Installs with headers mounted.

Generation II Copper Exhaust Insulating Header Wrap

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

Generation II Copper Exhaust Wrap is sold in 50 foot rolls, 1 and 2 inch widths, with a low profile 1/16" thickness.

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

High Velocity Exhaust Jackets

The new 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 mounted in the vehicle.

Part #	Exhaust Jackets
11246	4-6 Cylinder kit (12 ft.)
11248	8 Cylinder kit (16 ft.)

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 #	Exhaust Wrap Kits
19102	Original, one roll kit
19202	Original, two roll kit
19122	Black, one roll kit
19222	Black, two roll kit



Exhaust Wrap Kits

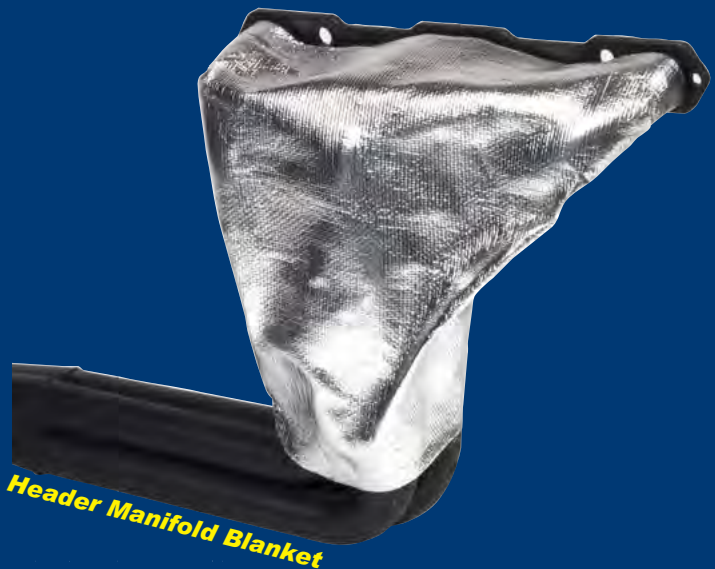
Everything you need for a complete installation in one package.

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:

6 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.

Part #	Header Manifold Blanket
14003	V-6 and V-8
14004	4-cylinder & straight-6



Header Manifold Blanket

Great for wrapping cast iron, and RV installations.

www.thermotec.com

HIGH PERFORMANCE PRODUCTS



Patent Pending



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

Clamp-On Heat Shield

The new and improved flexible clamp-on pipe heat shield blocks over 95% of the damaging radiant heat from the exhaust. The high-tech composite construction of the heat shield provides the ultimate in protection. Clamp-on shields incorporate Thermo-Tec's proprietary coating technology, T-C-T.

The kits come complete with all clamps and new stainless stand-offs. Install in minutes. Clamp-on pipe heat shields are available in 1, 2 and 3 foot lengths.

Part #	Clamp-On Heat Shield
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



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

Turbo Insulating Kit

The Turbo Kit was designed to protect, improve performance, and eliminate turbo lag. This custom cut-to-fit kit fits a wide variety of turbines. The kit comes with a generous amount of material to cover turbos from the smallest automotive application to heavy-duty truck applications.

Two Turbo Kits are available - a 4-cylinder kit, and a 6-8-cylinder kit. Each kit contains a roll of Exhaust Insulating Wrap (1 or 2 inch), 1 yard of Aluminized Heat Barrier, and a 3 x 6 inch piece of Exhaust Insulating Wrap. Hardware and instructions are included.

Part #	Turbo Insulating Kit
15001	4 Cylinder kit
15002	6 & 8 Cylinder kit
15003	Turbo Insulation Cover only

HIGH PERFORMANCE PRODUCTS

T3-T4 Turbo Cover

T5-T6 Turbo Cover

Two easy-fit designs for a T3-T4 or T5-T6 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 #	T3-T4 & T5-T6 Turbo Covers
15004	Kit fits T3, T4
15005	Kit fits T5, T6
	Both kits include grommets and wiring



ACCESSORIES

Snap Strap™

Use these multi-purpose stainless steel Snap Straps to secure the Exhaust Insulating Wrap - and more.

The high-temperature stainless steel straps have a narrow profile to fit tight spots, and can be cut to the exact length needed. Snap Straps secure with easy-to-use slide-through fasteners.

Precut lengths with tough multi-lock system.

8

Part #	Snap Strap
13101	V-8 Kit 8- 9 in. straps, 4-18 in. straps
13105	V-6 Kit 6- 9" straps, 4- 18 in. straps
13150	12 pack 9 in. 12- 9 in. straps
13160	6 pack 18 in. 6- 18 in. straps



Quick and easy to use.
Stainless steel multi-lock system.

www.thermotec.com

ACCESSORIES



Patent Pending
Hi-Heat Coating - Silver, Black, Copper



Heavy Duty Spray Adhesive
Heat Barriers,
Thermo Guard FR,
Cool-It Mat.



Cool-It Fire Suppression Blanket

Smother a fire immediately.
Resists most acids and alkalis.
Won't rot or mildew.
Designed for high temperatures with 100% silica yarns.

Hi-Heat Coating

Use the Hi-Heat Coating to finish off a clean and well-protected Exhaust Insulating Wrap application.

The coating protects the wrap and extends the life of the installation. Extra resins and binders toughen the surface, extend the life of wrap by protecting it from friction, and seal the pores to minimize the penetration of harmful liquids. Hi-Heat Coating can handle direct and continuous heat of 2000°F when used with Thermo-Tec Exhaust Insulating Products.

The coating is also excellent as a paint directly on metal surfaces; as a paint, it can handle continuous temperatures up to 1200°F.

Part #	Hi-Heat Coating
12001	Black, 11 oz.
12002	Aluminum, 11 oz.
12003	Copper, 11 oz.

Heavy-Duty Spray Adhesive

Thermo-Tec's Heavy-Duty Spray Adhesive is perfect for use with Thermo-Tec products, but you don't have to limit its use!

Heavy-Duty Spray Adhesive is a fast-drying, quick-bonding, high-temperature contact adhesive. Use it wherever you need a strong, secure, long-lasting, easy-to-apply bond. It is available in a generous 16 oz. can.

Part #	Heavy Duty Spray Adhesive
12005	16 oz. can

Cool-It Fire Suppression Blanket

The Fire Suppression Blanket is great to have in every garage, on the road, at the track, anywhere a small fire can start quickly. It's bright orange color makes it easy to see; it can smother a fire instantly.

Made from 100% silica yarns especially designed for high temperature conditions, it resists most acids and alkalis and will not mold or mildew. The handy hook and loop storage and carrying strap makes it easy to take anywhere. It can also be used as a welding blanket.

Part #	Fire Suppression Blanket
16900	40 in. x 60 in., Orange

ACCESSORIES

Seam Tape

Seam Tape consists of a 2-layer, highly reflective foil with a special acrylic adhesive system. This flame retardant tape is highly puncture proof, tear resistant and features superior adhesion even under the most extreme conditions.

This high-quality tape is great for taping the seams of Thermo-Tec's heat and sound barriers, producing a continuous heat barrier and a neat professional look.

Part # **Seam Tape**
13997 **2 in. x 30 ft., Silver**



Seam Tape



Heat Barriers,
Thermo Guard FR,
Cool-It Mat,
Suppressor



2-layer aluminum foil.
Flame retardant.
Special acrylic pressure-sensitive adhesive.
Highly puncture-proof and tear-resistant.

Mat Roller

The Mat Roller is a heavy-duty 2-inch roller used to smooth out adhesive installations to provide a seamless finish. It is ideal for removing air bubbles and flattening imperfections for a perfect look.

The ergonomic non-slip cushioned handle allows for extra comfort & control. The Mat Roller's styling offers easy reach into corners & tight spaces.

Part # **Mat Roller**
14800



Mat Roller



Adhesive-Backed-
Heat Barriers,
Thermo Guard FR,
Cool-It Mat,
Suppressor

SLEEVING PRODUCTS



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.



Easy - hook & loop closure installs in minutes.
Excellent protection for hoses & wires.

www.thermotec.com

Thermo Sleeve™

Seamless 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 lightweight construction provides more insulating than traditional bulky rubber-coated fiberglass. The aluminized sleeving reflects over 90% of radiant heat, and is fireproof and oil resistant. Thermo-Sleeve is packaged in 3 or 12-foot lengths, and is sold in five different inside diameter sizes. Thermo-Sleeve is also available in 50 foot rolls.

Part #	Thermo Sleeve
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.

Express Sleeves™

Express Sleeves are high-temperature insulation material and highly reflective Mylar® foil, with a hook and loop closure. The sleeving is designed to provide maximum protection for wires, hoses, and cables from the damaging effect of radiant heat, with easy application. Just pull apart the material, wrap around the wire, and re-close. Express Sleeves reflect over 90% of radiant heat up to 2000°F, can withstand direct continuous temperatures up to 750°F. They are fireproof, fire resistant, and just look good.

Part #	Express Sleeves
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.

SLEEVING PRODUCTS

Ignition/Plug Wire Sleevings

These high-temperature sleeves can be used for ignition wires, spark plug wires and even fuel lines to prevent vapor lock. Highly flexible and abrasion resistant, they offer maximum protection against spark loss. The inside is braided continuous e-glass insulation, good up to 1000°F. The silicone outer surface is good for temperatures up to 500°F.

Part #	Ignition/Plug Wire Sleevings
14040	3/8 in. x 25 ft, Black
14041	3/8 in. x 25 ft, Blue



Inside e-glass/silica insulation good up to 1000°F.
Outside silicone surface good for temperatures up to 500°F.

Thermo-Flex

Thermo-Flex is an attractive composite sleeving with unlimited uses. The combination of aluminum, silica and stainless steel produces a material that is flexible, lightweight and strong. It provides abrasion-resistance, thermal insulation and physical containment of hoses and wiring.

The versatile sleeving can be slit for applications such as wire looms or hose covering without disconnecting the ends of the wire or hoses. Thermo-Flex can withstand extreme temperatures of up to 750°F.

Part #	Thermo-Flex
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
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

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



Wire Looms



Hose Protector

SLEEVING PRODUCTS



Protects from extreme heat exposure.
Excellent thermal and abrasion resistance;
continuous heat up to 500°F,
short-term exposure thru 2200°F.

www.thermotec.com



Excellent protection for spark plug wires
and boots.
Reflects over 90% of radiant heat,
up to 2000°F.
Available in 2 or 4 pc. sets.

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 U.S.A. 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, 3/4 and 1 inch; and three lengths - 3, 10 and 50 feet.

Part #	Heat Sleeves
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.	

Spark Plug Wire Heat Shield

The Spark Plug Wire Heat Shield offers 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.

Part #	Spark Plug Wire Heat Shield
14200	(2) 6 in. x 1-1/2 in.
14250	(4) 6 in. x 1-1/2 in.

SLEEVING PRODUCTS

Cool-It Plug Wire Sleeves

These dual-purpose sleeves enhance performance, reduce misfires, extend plug wire life and will not react with petroleum products. This unique spark plug and ignition wire protector comes in four sporty colors; red, blue, black and natural.

The double-wall construction keeps the wire and boot cooler in a high-temperature engine. Its universal size fits most plug boots, is easy to install and - most importantly - is non-flammable. Cool-It Plug Wire Sleeves can be used in any high-temperature environment from street vehicles to motor homes. Sleeves are available in packs of 4 & 6.

Part #	Cool-It Plug Wire Sleeves
14260	Natural, 4 pack
14261	Red 4 pack
14262	Black, 4 pack
14263	Blue, 4 pack
14270	Natural, 6 pack
14271	Red, 6 pack
14272	Black, 6 pack
14273	Blue, 6 pack



Double-wall construction withstands conductive heat up to 750°F.
Installs easily.
Choice of 4 colors.

www.thermotec.com

HEAT BARRIER SHIELDS

Aluminized Heat Barrier

The Aluminized Heat Barrier is made up of woven silica with a flexible aluminized finish. The highly-reflective surface is capable of withstanding radiant temperatures up to 2000°F. The fabric side can handle temperatures in the range of 350-1200°F. As a heat shield, the bright metallic surface should face the heat source. To retain heat, the fabric side should face the heat source, allowing the metallic surface to act as a barrier to prevent the penetration of liquids. This product can be installed using standard rivets with a backup washer or weather strip adhesive. The use of clamps or straps such as Thermo-Tec's Snap Strap can be used to hold the blanket in place around manifolds or exhaust systems. Product can be cut to fit.

Part #	Aluminized Heat Barrier
14001	40 in. x 36 in.
14001-50	40 in. x 50 ft.

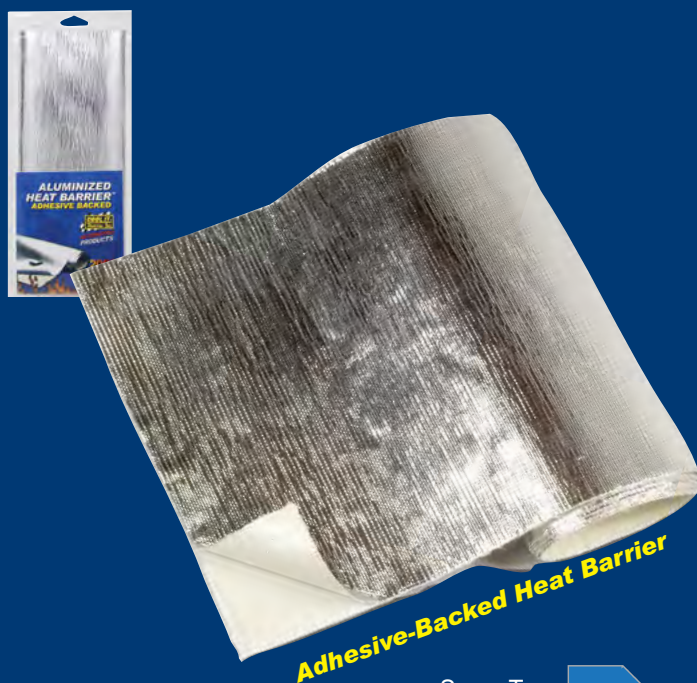


Withstands radiant temps up to 2000°F.
Handles conductive heat from 350-1200°F.



Heavy Duty Spray Adhesive, Seam Tape

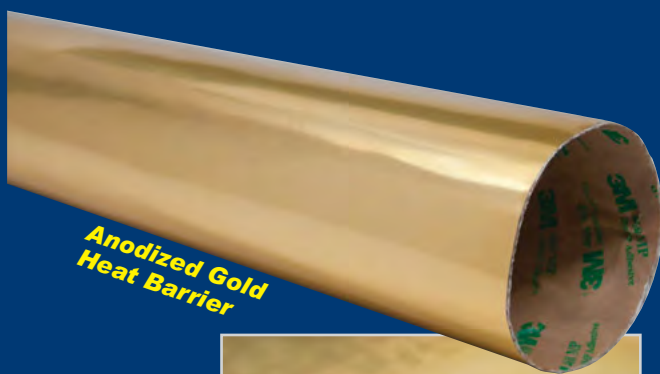
HEAT BARRIER SHIELDS



Adhesive-Backed Heat Barrier



Withstands radiant heat up to 2000°F.
Strong adhesive makes application easy,
provides a clean, professional look.



Anodized Gold Heat Barrier



Attractive, bright anodized gold finish.
Reflects 80% of radiant heat
Handles radiant temps up to 1800°F.
Aggressive adhesive adheres to any surface.

Adhesive-Backed Heat Barrier

The Adhesive-Backed Heat Barrier can be used in applications to protect painted surfaces, plastic parts or any component from the damaging effects of radiant heat. Adhesive-Backed 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 up to 2000°F. The adhesive side handles direct and continuous temps up to 300°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.

Part #	Adhesive-Backed Heat Barrier
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.

Anodized Gold Heat Barrier Shield

A high-tech heat barrier with a bright anodized gold finish. Anodizing makes the aluminum foil finish stronger and more durable. The gold surface handles radiant temperatures up to 1800°F, reflects 80% of radiant heat. The e-glass insulation side handles continuous temperatures up to 300°F, with a strong adhesive backing for easy application. The attractive gold surface is ideal for use on firewalls, under hoods, the undercarriage, fiberglass fairings, or anywhere heat protection is needed. The anodized gold looks great, is incredibly durable and protects surfaces from the damaging effects of radiant heat.

Part #	Anodized Gold Heat Barrier
13600	12 in. x 24 in.
13675	24 in. x 24 in.
13690	24 in. x 48 in.

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 can withstand direct contact up to 800° F. The product can be installed using standard rivets with a backup washer or our Heavy-Duty Spray Adhesive. The use of clamps or straps such as Thermo-Tec's Snap Strap can be used to hold the blanket in place for applications on manifolds or exhaust systems. Used as a heat shield on the undercarriage above the exhaust, the material should be held in place by fasteners as described above. When used as a heat shield, the barrier is installed so the bright metallic surface faces the heat source. When used to retain heat, 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.

Part # **Kevlar Heat Barrier**
16850 **26 in. x 40 in.**



Heavy Duty Spray Adhesive, Seam Tape

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

Thermo-Shield™

Thermo-Shield protects hoses and wires from radiant heat. Thermo-Shield is used in applications where it is difficult or not practical to disconnect one end of the hose or wire. Thermo Shield is not for use on exhaust. The adhesive-backed composite construction tape can easily be wrapped around the hose or wire to make a clean, professional appearance and protect parts from over 90% of radiant heat up to 2000 F.

Part # **Thermo-Shield**
14002 **1-1/2 in. x 15 ft.**
13995 **2 in. x 50 ft. roll**



Eliminates vapor lock.
Easy-to-apply adhesive backing.

HEAT BARRIER SHIELDS



Neutralizes acid.
Protects batteries from damaging heat and vibration.

Battery Wrap

Acid Absorbing Heat Barrier

The world's only acid-neutralizing heat barrier mat. It reflects over 90% of radiant heat, traps and neutralizes battery acid, protects against corrosion, is recyclable, protects the environment, is inexpensive and easy to install. Acid-absorbing battery pad included for complete protection. The Battery Heat Barrier Kit is completely safe to handle before and during installation. It is used by all branches of the United States military.

Part #
13200

Battery Wrap Barrier kit



Blocks over 90% of radiant heat.
Unique lace-up design fits all air tubes.

**Patent
Pending**

**Cool Air Tube
Heat Shield**

Cool Air Tube Heat Shield

Keep your induction air cool with this unique lace-up tube cover. The design of the cover fits from 2-1/2 inch to 3-1/2 inch diameter air tubes, up to 36 inches long. The lace-up heat shield blocks over 98% of radiant heat up to 2000° F and withstands direct temperatures of 750° F.

The kit comes complete with four different color laces - blue, yellow, red and white.

Part #
14500

Cool Air Tube Heat Shield
3 ft. adjustable diameter
shield; red, blue, white
and yellow laces

www.thermotec.com

HEAT BARRIER SHIELDS

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 # **Fire-Proof Shifter Boot**
16000

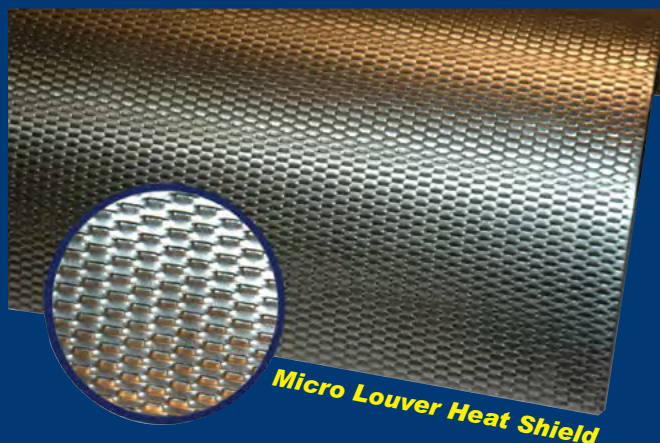


Extra protection from engine fires and tunnel heat.

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 airflow, 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.

Part # **Micro Louver Heat Shield**
11710 **12 in. x 24 in.**
11720 **24 in. x 24 in.**
11740 **24 in. x 48 in.**



Cools by natural convection.
Lightweight yet durable, easy to custom fit.

C5 Corvette Tunnel Heat Shield

Developed specifically for the C5 Chevy Corvette. Made of a highly textured aluminum composite surface on one side, with a high-temperature silica felt center and a durable Mylar® composite facing. This aerospace-quality heat shield protects against radiant temperatures up to 2000° F. Installs in minutes. Remove four bolts (that you have easy access to) from each side of the plate above the exhaust. Just slide in place above the exhaust and reinstall the bolts.

Part # **C5 Corvette Tunnel**
16570 **Heat Shield**



Thermo-Tec™ Research and Development vehicle

HEAT BARRIER SHIELDS



Withstands radiant temperatures up to 3000°F,
direct heat up to 1100°F.
Includes stainless steel straps for installation.



Tough Mylar finish.
Cleans easily.
Can be used anywhere - not limited to mufflers
and catalytic converters.

Kevlar Muffler Cover

Made with our Kevlar® Heat Shield, this muffler cover handles continuous temperatures up to 1100° F and radiant heat up to 3000° F. It reduces radiant heat inside vehicle, dampens muffler noise and vibration. Material is abrasion resistant, with a neat attractive appearance. Cover includes stainless steel straps for installation.

Part # 16800	Kevlar Muffler Cover 40 in. x 26 in. includes straps
-------------------------------	---

Mylar Heat Shield

The Muffler/Catalytic Converter Heat Shield is made up of woven silica with a flexible Mylar® finish that protects against radiant heat up to 2000° F; the fabric side withstands direct continuous temperatures up to 750° F. 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.

This versatile heat shield has an unlimited number of applications. The kit includes all necessary fasteners.

Part # 16500	Mylar Heat Shield 24 in. x 40 in. Mylar
-------------------------------	--

HEAT BARRIER SHIELDS

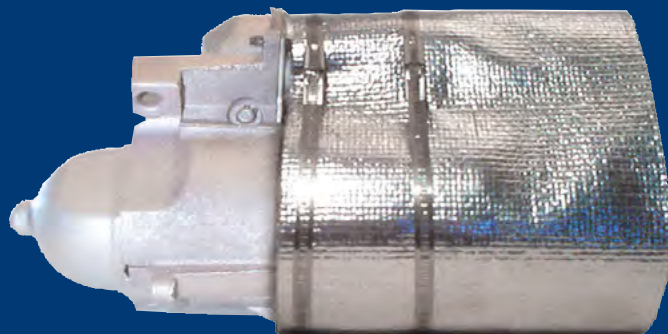
Starter Heat Shield

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 reflects 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; it includes 2- 24 inch Snap-Straps for easy installation.

Part #	Starter Heat Shield
14150	7 in. x 22 in.



Starter Heat Shield

Universal kit fits any starter.

Reflects over 90% of radiant heat, up to 2000°F.
Extends the life of the starter.

Floor Insulating Mats

These ultra-light floor-insulating mats are designed with the racer in mind. The Heat Terminator™ is made of the highest-quality insulating materials available; a highly-textured aluminum composite surface on one side, with a high-temp silica felt center and a durable Mylar® composite facing.

The Heat Terminator Floor Insulating Mats use Thermo-Tec's proprietary Thermal Conduction Technology (TCT); they are available in six popular sizes.

Part #	Floor Insulating Mats
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.



Floor Insulating Mats

The Heat Terminator.

Improves driver comfort.
Six popular sizes.

HEAT AND SOUND PROTECTION



Heavy Duty Spray Adhesive,
Seam Tape, Mat Roller

Great for heat protection and noise reduction.

Many uses - floors, firewalls, doors, under hoods and transmission housings.



The Suppressor
Heavy Duty Spray Adhesive,
Seam Tape, Mat Roller

Highest quality heat and sound insulation.
Flame retardant -conforms to Federal Motor Vehicle Safety Standard 203.
Non-toxic, non-allergenic.

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. The 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 up to 2000° F 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; it is the main sound insulator. The Cool-It Mat is easy to trim and can be applied with the push-in fasteners provided, Thermo-Tec's Heavy-Duty Spray Adhesive or any weather strip adhesive.

Part #	Cool-It Mat
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 insulating padding. The product features 100% synthetic 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 - 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; the synthetic felt material is also available without foil. We recommend Thermo-Tec's Heavy Duty Spray Adhesive for easy application.

Part #	Thermo Guard FR
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

ACOUSTICAL PRODUCTS

Acoustical Mats

Thermo-Tec's acoustical control products are designed to reduce road noise and produce better quality sound. They 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 inch) 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. Each product is available in: 12 in. x 12 in. (2 pcs.), 24 in. x 36 in., 36 in. x 60 in. and bulk rolls of 12 or 36 in. by 33 ft.

Suppressor Acoustical & Heat Control Mat

The Suppressor is ideal when both sound and radiant heat control are needed. In addition to the polyethylene film, the foil surface provides direct protection from radiant heat up to 2000° F and direct temperatures up to 300° F. Great for areas like firewalls, floorboards, or doors.

Part #	The Suppressor
14600	12 in. x 12 in. (2 pcs)
14610	24 in. x 36 in.
14620	36 in. x 60 in.
14800	Mat Roller

Super Sonic Acoustical Mat

This high quality mat offers superior sound dampening control to reduce road noise, rattles, engine noise, and any other noises that are bothersome. The high-density polyethylene film with an aluminum foil composite is abrasion and tear resistant. The gray film provides structural integrity & strength, allowing the material to bend, move and return to shape even under tension forces.

Part #	Super Sonic Mat
14700	12 in. x 12 in. (2 pcs)
14710	24 in. x 36 in.
14720	36 in. x 60 in.
14800	Mat Roller



**The Suppressor™
Acoustical Mat**



Thermo Guard FR
Seam Tape



Mat Roller



**Super Sonic™
Acoustical Mat**



DISPLAYS & PLAN-A-GRAMS



Plan-a-Grams and Kiosks

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 #	Displays
1001	2 ft. Plan-a-gram
1002	3.5 ft. Plan-a-gram
1003	3-sided kiosk
1004	Mini Plan-a-gram (Starter)



**We support our distributors
with aggressive ADVERTISING!**



MEMBER



***SUPER
STREET***

**Performance
Racing Industry**
TRADE SHOW

Grassroots Motorsports
THE HARDCORE SPORTS CAR MAGAZINE

**IMPORT AUTOMOTIVE
PARTS & ACCESSORIES**
FOR THE IMPORT SPECIALIST

***SUPER
CHEVY***



**PETERSEN'S
4WHEEL
& OFF-ROAD**

**ROD &
Custom**

***STREET
RODDER***

HOT ROD

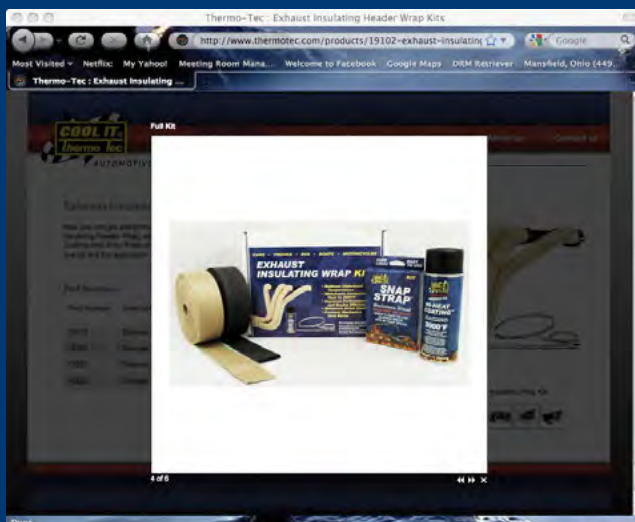
**POPULAR
Hot Rodding**

**MUSCLE
MUSTANGS
& FAST FORDS**
YOUR 5.0 & 4.6 POWER SOURCE

**CAR
CRAFT**
AFFORDABLE STREET PERFORMANCE

24

**Hemmings
Motor News**



www.thermotec.com



From new product releases to 4-color ads in national magazines to social media, Thermo-Tec markets its products to millions of potential buyers every month.

RESEARCH & DEVELOPMENT

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.



Corette C5 Z06 Test Platform



T-Rex Motorcycle Test Platform



Challenger SRT8 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**



**Sport Compact
Motorcycles**



**Heavy
Equipment
Mining
Marine
OEM**



www.thermotec.com



Aircraft



RVs Industrial Trucking





Thermo-Tec Automotive, Inc.

P.O. Box 96

Greenwich, OH 44837

800-274-8437

419-962-4013 Fax

419-962-4556 Outside USA

www.thermotec.com

#0114

Distributed by:

