

HEATSHIELD PRODUCTS

#RACETESTED



MISSION

"To deliver American made high performance insulation to solve problems caused by excessive heat."

STORY

Heatshield Products, Inc. has been serving the performance and racing industry since 1985, developing the highest quality heat insulation and thermal-barrier products at competitive prices. Our cutting-edge products include thermal protection for a variety of industries: automotive, motorcycle, marine, Department of Defense, industrial manufacturing, industrial welding and many more. And we're proud of our great customer service.

FACTS

Heatshield Products doesn't employ marketing tricks or nonsense to sell products. We offer the correct operational temperature range of our thermal-barrier products, and we let you know each product's limitations. When shopping our extensive line of heat-resistant products, we make it easy for you to know the temperatures each one is capable of withstanding, without complicated and confusing technical jargon.

CAPABILITIES

What we do goes beyond engineering and manufacturing world-class thermal- and sound-barrier products. We offer consulting services for product design and improving the energy efficiency of the manufacturing process. Heatshield Products has extensive experience in solving thermal-barrier and protection problems for a variety of situations and environments. Heatshield Products also offers custom manufacturing and private label. We currently provide such programs to several OEM and aftermarket manufacturers.

CONTENTS

Product Application Guides	4-10	HP Hose Sleeve™	32
Mid Under Body	4	Fire Shield Sleeve™	33
Rear Under Body	5		
Late-Model Underhood	6	Heatshield Tape & Fasteners	34-38
Classic Underhood	7	Thermal-Tie™	34
Turbo Applications	8	Cold-Gold Tape™	35
Jeep & Off-Road	9	Heatshield Armor Tape™	36
Interior Insulation	10	Cool Foil Tape™	36
		Thermafect Tape™	37
Exhaust Insulation	11-19	HP Shrink™	37
Header Armor™	12	HP Spring™	38
Heatshield Armor™	13	HP Tie Wire™	38
Heatshield Armor™ Kits	13		
Muffler Armor™	14	Component-Specific Heat Shields	39-44
HP Power Anchor	14	I-M Shield™	39
Heatshield Armor Pipe Kits	15	Lava Oil Filter Shield™	40
Inferno Header Wrap™	16	Catch Can Shield™	41
Cobra Skin™ Wrap	16	NOMAR™ AN Wrench	41
Lava Exhaust Wrap™	17	FR Shield™	42
Black Exhaust Wrap™	18	HP Starter Shield™	42
Exhaust Wrap	18	Lava Starter Shield™	43
Lava Stack Sack™	19	Lava Motor Mount Shields™	43
		Cool Can Shields™	44
Heatshield Barriers	20-25		
HP Sticky Shield™	21	Ignition Heatshields	45-46
Cobra Shield™	21	Lava Boot Shields™	45
Cold-Gold Shield™	22	HP Boots™	46
Inferno Shield™	23	Insul-Boot™	46
Thermafect Shield™	23		
Lava Shield™	24	Sound & Interior Insulation	47-52
Thermafect Cloth™	25	db Stealth Armor™	48
HP Heatshield Mat™	25	HP Stealth Shield™	49
		db Armor™	50
Turbo Heatshields	26-28	db Headliner Kit™	50
Lava Turbo Shield™	27	db Defender™	51
Lava Turbo Plug™	27	db Skin™	51
Stealth Turbo Shield™	28	db Sniper™	52
HP Turbo Shield Kit™	28	db Gasket™	52
Heatshield Sleeveings	29-33	Heatshield Welding Products	53-55
Hot Rod Sleeve™	29	HP Welding Pillow™	54
Lava Tube™	30	Glove Armor™	54
Thermafect Sleeve™	31	HP Torch Blanket™	55
HP Color Sleeve™	32		



Header/Exhaust Manifold

Good: Exhaust Wrap
Better: Lava Exhaust Wrap™ or Cobra Wrap
Best: Header Armor™

Catalytic Converter

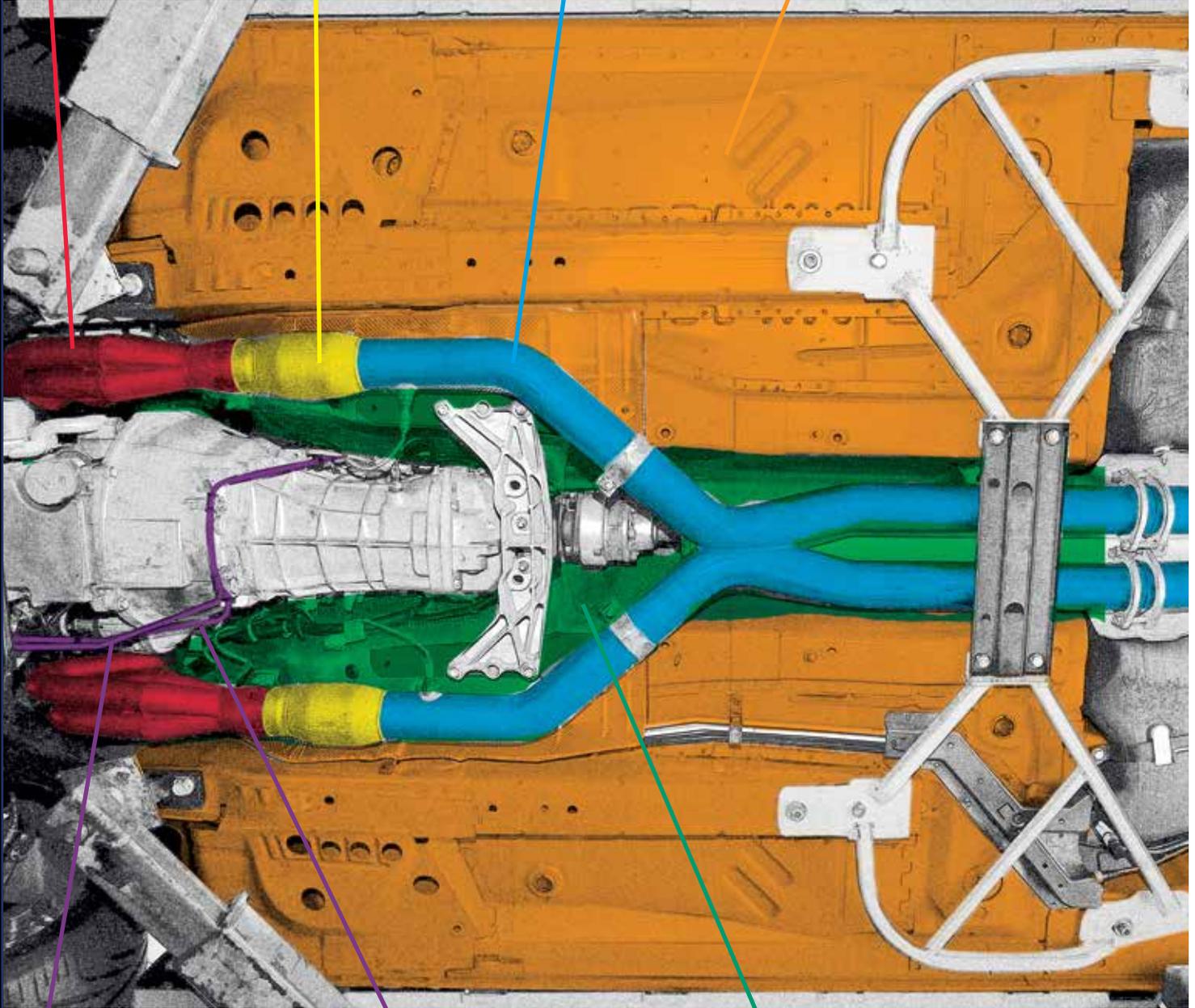
Muffler Armor™
 (top half of converter only)

Exhaust Pipes

Good: Exhaust Wrap
Better: Lava Exhaust Wrap™ or Cobra Shield™
Best: Heatshield Armor™

Floorpan

Good: Thermaflex Cloth™ / HP Heatshield Mat
Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™



Transmission Lines & Clutch Cables (less than 1-in air gap)

Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™
Best: Lava Tube™

Transmission Lines & Clutch Cables (1-in or more air gap from heat source)

Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™ or Lava Tube™
Best: Thermaflex Sleeve™

Transmission Tunnel

Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™

Fuel Cell

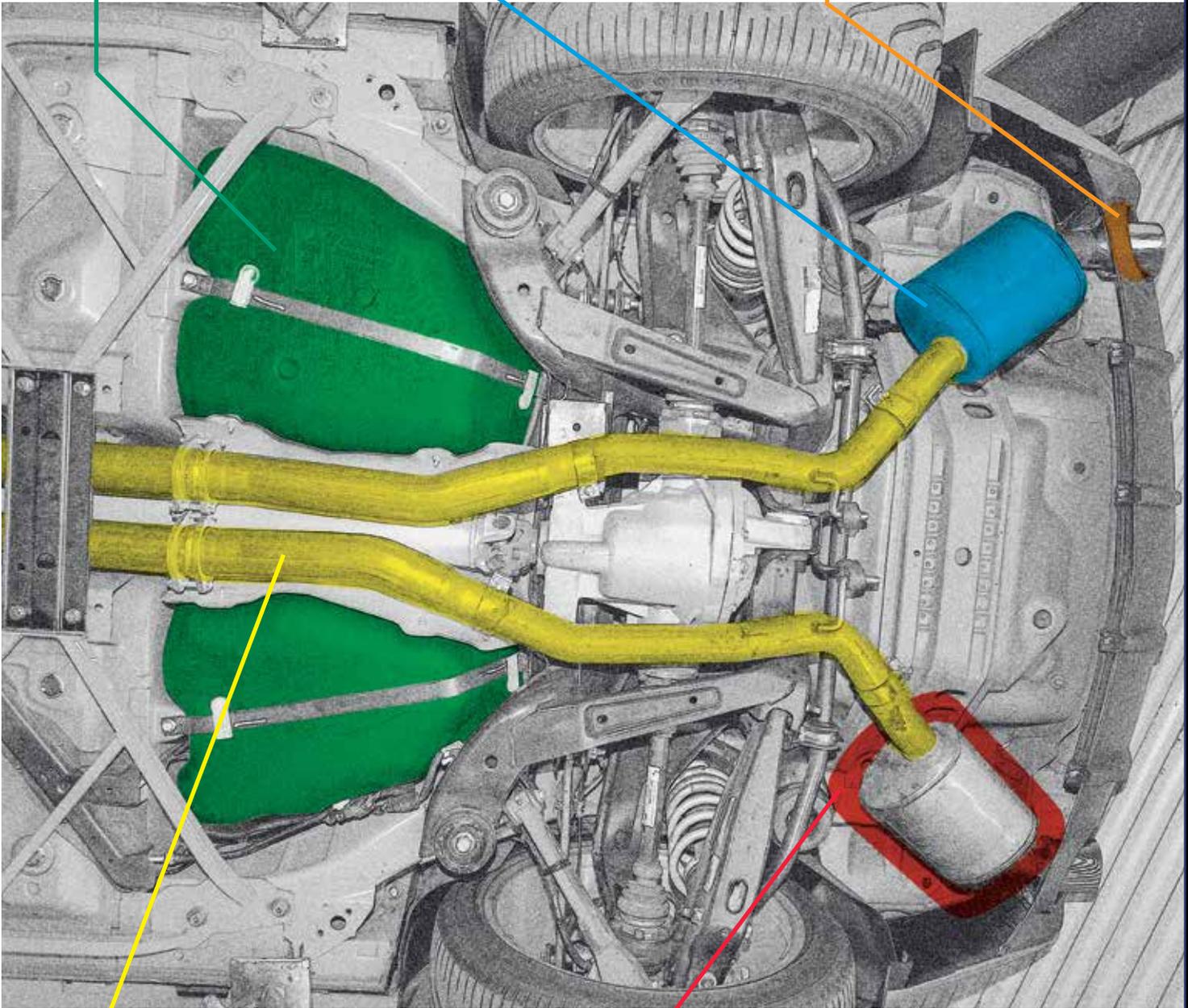
- Good:** Thermafect Cloth™/HP Heatshield Mat
- Better:** Lava Shield™ 0.032-inch thick
- Best:** HP Sticky Shield™

Muffler

- Muffler Armor™

Rear Valance/Diffuser

- Good:** Lava Shield™ (0.032-inch thick)

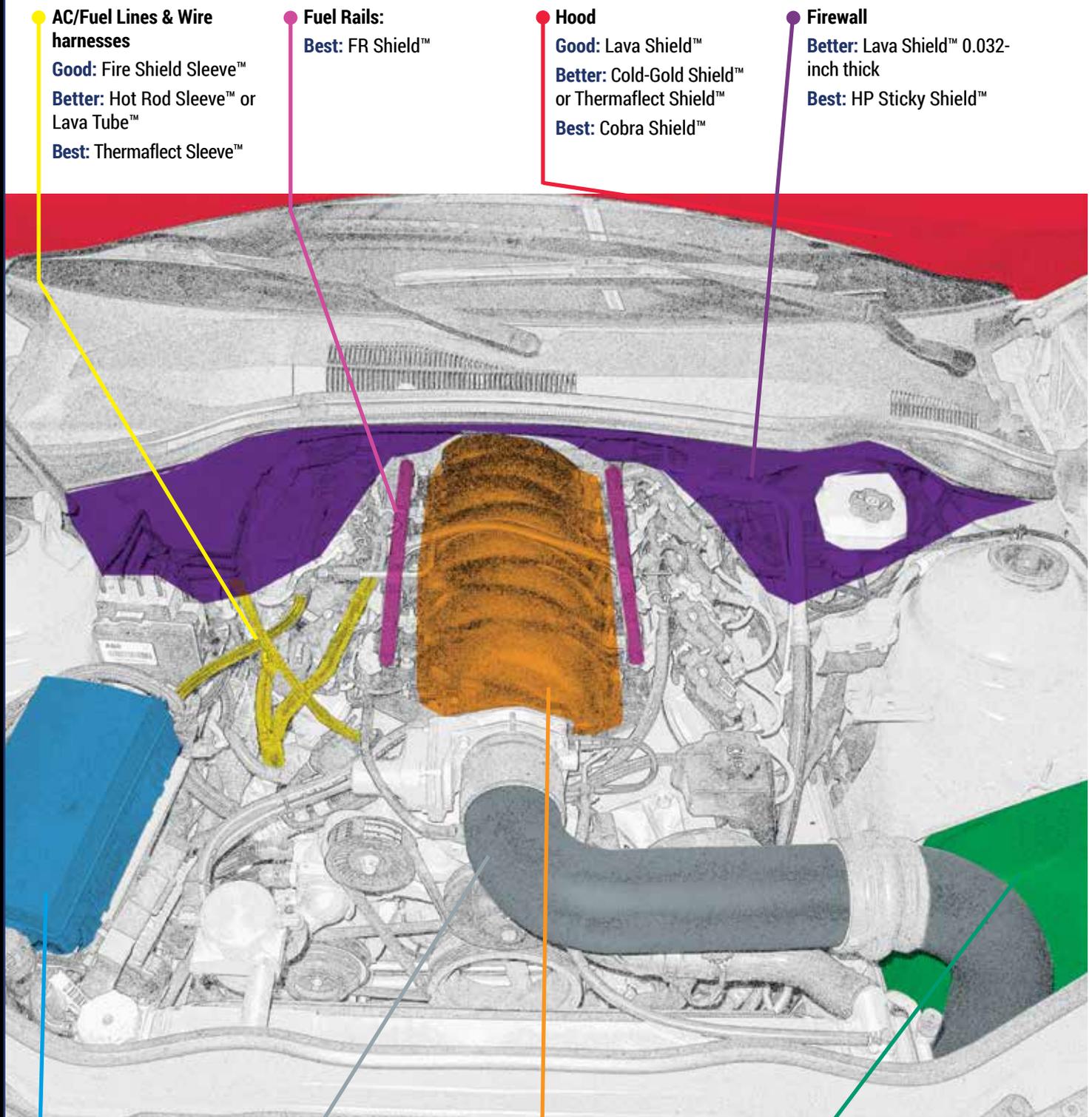


Exhaust Pipes

- Good:** Exhaust Wrap
- Better:** Lava Exhaust Wrap™ or Cobra Shield™
- Best:** Heatshield Armor™

Above Muffler

- Good:** Lava Shield™ (0.032-inch thick)
- Best:** HP Sticky Shield™



AC/Fuel Lines & Wire harnesses
Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™ or Lava Tube™
Best: Thermafect Sleeve™

Fuel Rails:
Best: FR Shield™

Hood
Good: Lava Shield™
Better: Cold-Gold Shield™ or Thermafect Shield™
Best: Cobra Shield™

Firewall
Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™

ECU/Electronic Box
Good: Lava Shield™ (0.032-inch thick)
Best: HP Sticky Shield™

Air Intake
Best: Thermafect Tape™, Cold-Gold Tape™, Thermafect Sleeve™

Intake Manifold
Best: IM Shield™

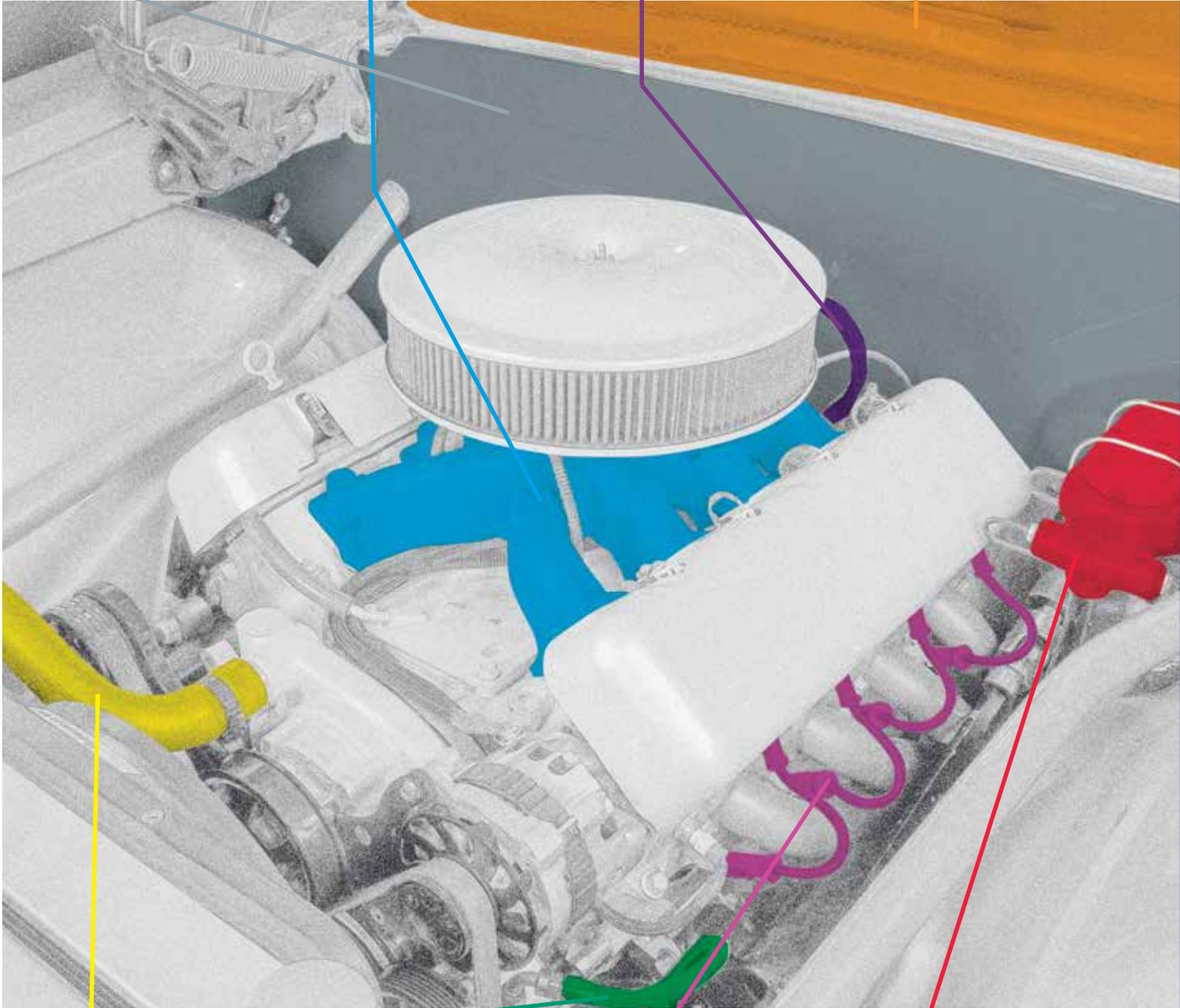
Airbox
Good: Lava Shield™
Better: Thermafect Cloth™, Cold-Gold Shield, or Cobra Shield™
Best: HP Sticky Shield™

Firewall
Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™

Intake Manifold
 I-M Shield Kit™

Fuel Lines
Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™ or Lava Tube™
Best: Thermafect Sleeve™

Hood
Good: Lava Shield™
Better: Cold-Gold Shield™ or Thermafect Shield™
Best: Cobra Shield™



Radiator Hose
 HP Hose Sleeve™

Power Steering Hose
Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™ or Lava Tube™
Best: Thermafect Sleeve™

Spark Plug Boots
Good: Insul-Boot™
Better: Lava Boot Shields™
Best: HP Boots™

Master Cylinder
Good: Inferno Shield™
Best: Sticky Shield

Air Intake

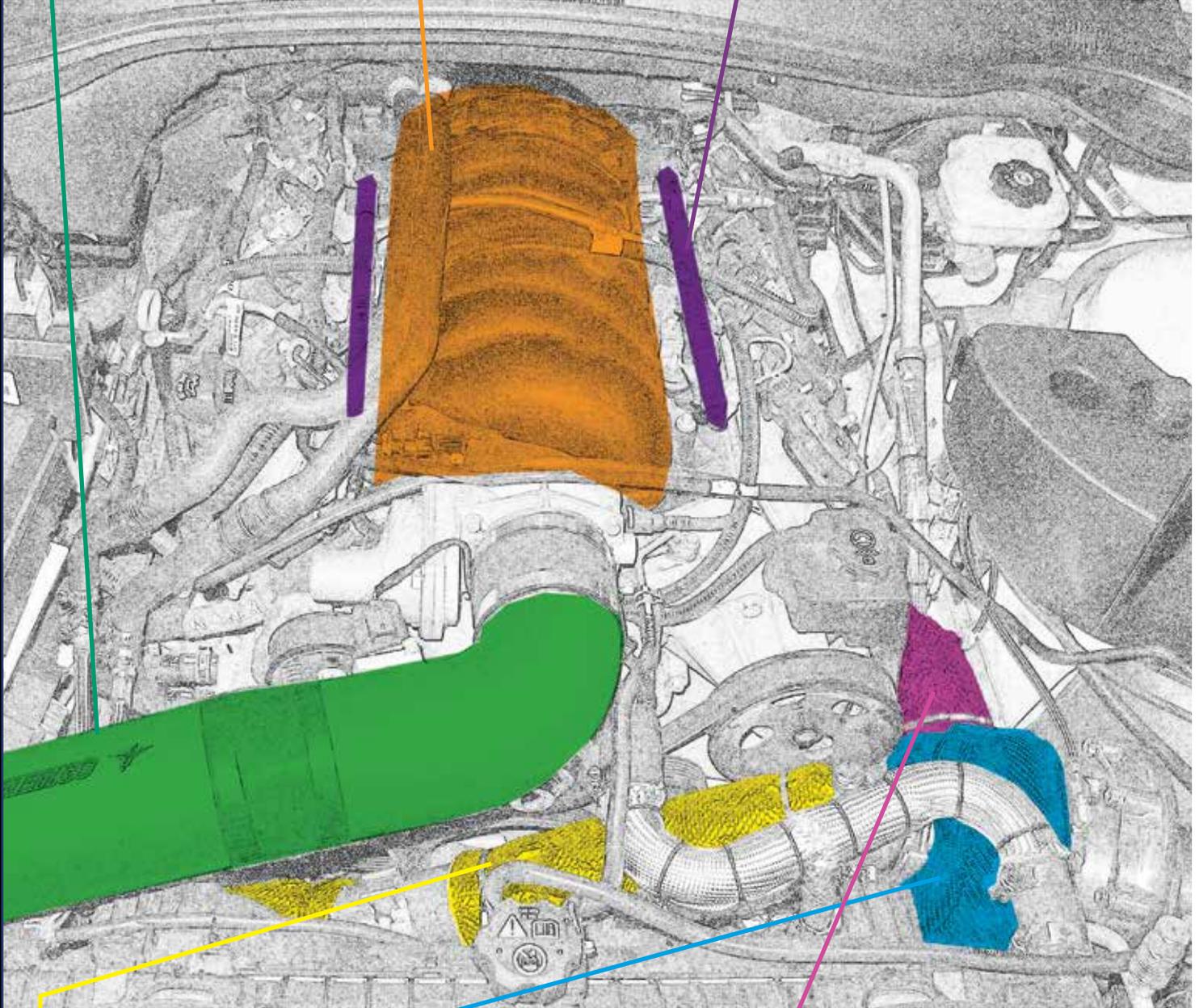
Best: Thermaflex Tape™ Cold-Gold Tape™, Thermaflex Sleeve™

Intake Manifold

Best: IM Shield™

Fuel Rails:

Best: FR Shield™



Down/Up/Hot Pipe

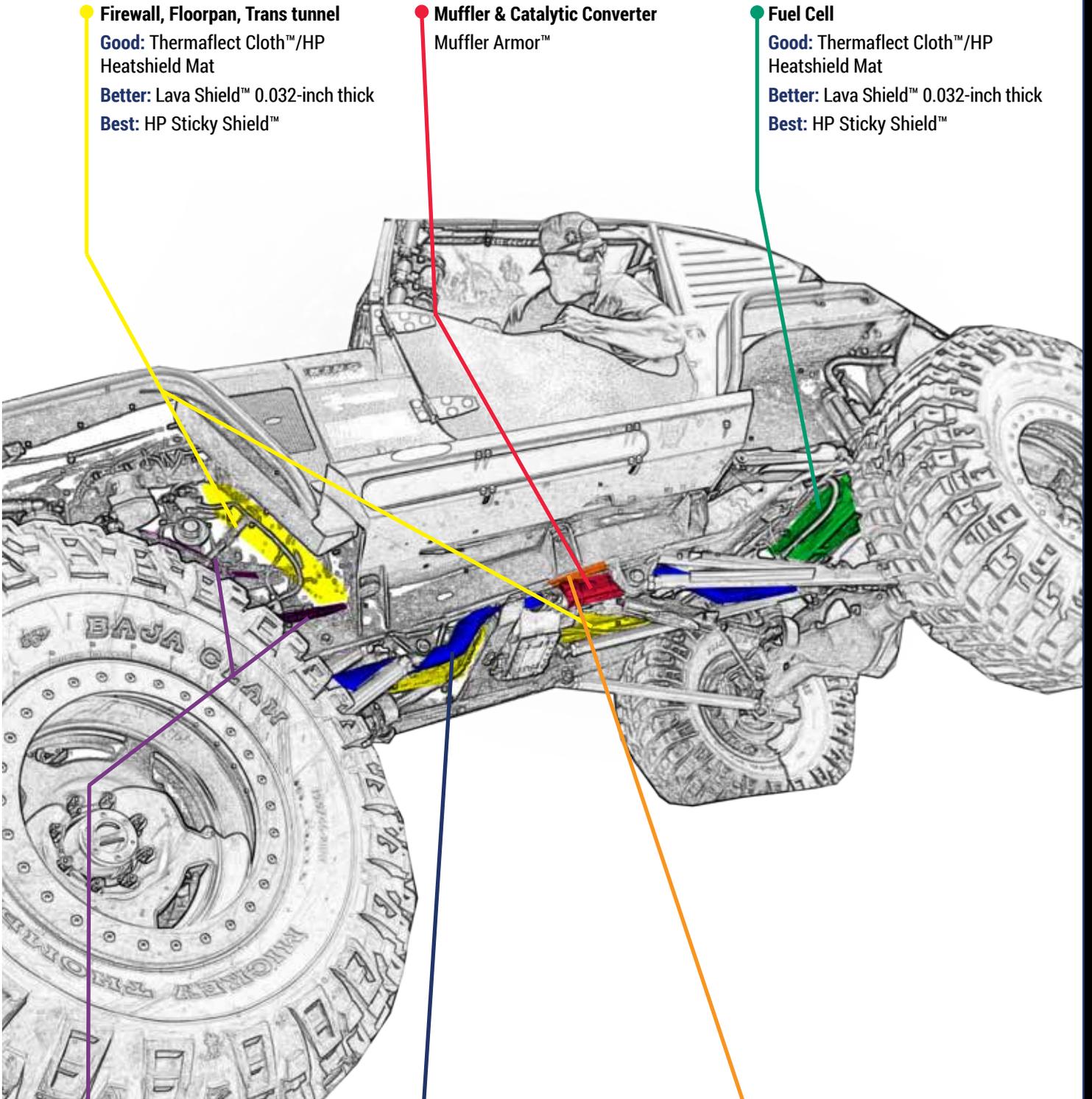
Good: Inferno Header Wrap™
Best: Heatshield Armor™

Turbo

Better: HP Turbo Shield™ Kit
Best: Stealth Turbo Shield™, Lava Turbo Shield™, HP Turbo Shield™, Gold Turbo Shield

Turbo Manifold

Good: Inferno Header Wrap™
Best: Header Armor™



● Firewall, Floorpan, Trans tunnel
Good: Thermaflex Cloth™/HP Heatshield Mat
Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™

● Muffler & Catalytic Converter
Muffler Armor™

● Fuel Cell
Good: Thermaflex Cloth™/HP Heatshield Mat
Better: Lava Shield™ 0.032-inch thick
Best: HP Sticky Shield™

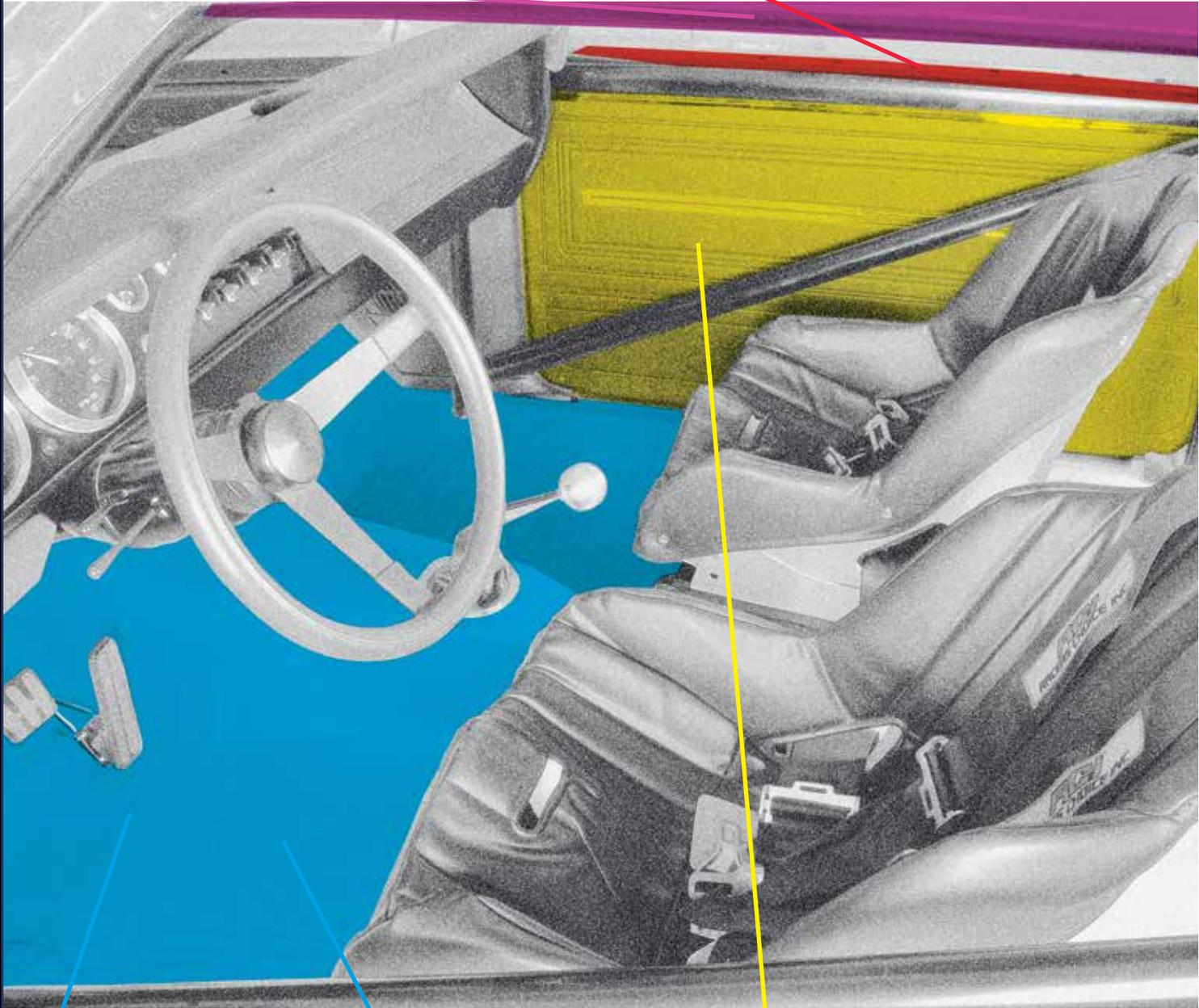
● Fuel, Power Steering, and Transmission Lines
(less than 1-in air gap)
Good: Fire Shield Sleeve™
Better: Hot Rod Sleeve™
Best: Lava Tube™

● Exhaust Pipes
Good: Exhaust Wrap
Better: Lava Exhaust Wrap™ or Cobra Shield™
Best: Heatshield Armor™

● Above Muffler
Good: Lava Shield™ (0.032-inch thick)
Best: HP Sticky Shield™

● **Roof Panel**
(above headliner)
Good: db Suppressor™
Better: db Armor™
Best: db Skin™ & HP Stealth Shield or db Stealth Armor

● **Inside Outer Door Skin**
Better: db Skin™
Best: db Armor™



● **Floor, trans tunnel, firewall**
Good: db Suppressor™
or db Skin™
Better: db Sniper™ or db Armor™
Best: db Skin™/db Armor™ with db
Sniper™

● **Under Carpet**
(for heat)
HP Stealth Shield

● **Behind Door Panel**
Best: db Defender™

EXHAUST INSULATION

Exhaust insulation is a thermal insulator that keeps the heat inside the headers and exhaust system, giving two great benefits: lower underhood temperatures and better engine performance.

Exhaust insulation limits how much heat can radiate from wrapped headers and exhaust tubing, moving it away from the engine compartment. This can significantly reduce the heat on the firewall and floorpans, resulting in less heat in the passenger compartment.

Retaining heat in the exhaust system improves exhaust gas velocity. This creates a scavenging effect that pulls intake gases through the system quicker, which helps to lower intake temperatures, creating more power. Test have shown that header-pipe wraps can also lower underhood temperatures by as much as 50 percent. This is another way to lower intake temps, creating even more power.

Our Heatshield Products Armor Series features our exclusive BioCool insulation and allows you to wrap your exhaust system in a warranty friendly manner.

All exhaust and header wraps from Heatshield Products are asbestos-free and made from high-quality base fiberglass, basalt and silica materials. They are water- and fungi-resistant, and will not cause the exhaust pipes to rust.

Heatshield Products manufactures a full line of exhaust insulation, from basic to extreme, to meet all your needs. Heatshield Products exhaust and header wraps and shields are made in the USA.

APPLICATION	HEATSHIELD PRODUCTS	RECOMMENDATION
Naturally Aspirated Vehicles: headers, exhaust manifolds, mufflers, catalytic converters, exhaust pipes	Exhaust Wrap	Good
	Black Exhaust Wrap	Good
	Lava Exhaust Wrap™	Better
	Premium Exhaust Wrap	Best
	Cobra Skin™ Exhaust Wrap	Best
	Heatshield Armor™ (1/4-inch thick), Header Armor™ (1/4-inch thick)	Best
Forced-Induction Applications: headers, exhaust manifolds, mufflers, catalytic converters, turbo manifolds, DPF, downpipes, uppipes	Lava Exhaust Wrap™ (less than 1,200° F)	Good
	Premium Exhaust Wrap (less than 1,350° F)	Better
	Cobra Skin™ Exhaust Wrap (less than 1,350° F)	Better
	Inferno Header Wrap™	Best
	Heatshield Armor™ (1/2-inch thick)	Best
	Header Armor™ (1/2-inch thick)	Best

Header Armor™



Don't let the heat of your engine make you sweat! With Heatshield Products Header Armor™, underhood temperatures can be reduced by up to 60 percent, keeping your vehicle cool at the track or on the street with the easiest-to-install and longest-lasting heatshield blanket available for your headers.

Wrapping headers with Header Armor™ keeps heat in the exhaust system and out of the engine compartment. This lowers underhood temperatures, helping with overall engine cooling and with less heat being transferred to the passenger compartment through the firewall. Header Armor™ also results in hotter and faster-flowing exhaust gases, which creates a scavenging effect to pull intake gases through the system quicker. This lowers intake temperatures, resulting in more power.

The abrasion-resistant Header Armor™ cuts effortlessly with heavy-duty scissors, making it simple to install. It wraps around header pipes of small or large diameters, and removal of the headers is not necessary for installation on many vehicles.

Header Armor™ is capable of withstanding a continuous 1,800 degrees F, with intermittent spikes of 2,200 degrees F. We use either a 1/4-inch or 1/2-inch BioCool thermal barrier bonded to heavy-duty foil. BioCool is a non-caustic, non-flammable thermal barrier. It does not cause itching and won't smoke or smell the first time it is heat-cycled. In addition to being abrasion-resistant, Header Armor™ has an aluminum layer that is chemical-resistant and lasts longer than other exhaust wraps. Because it does not wrap around the entire header, it is compliant with most header manufacturers' warranties.

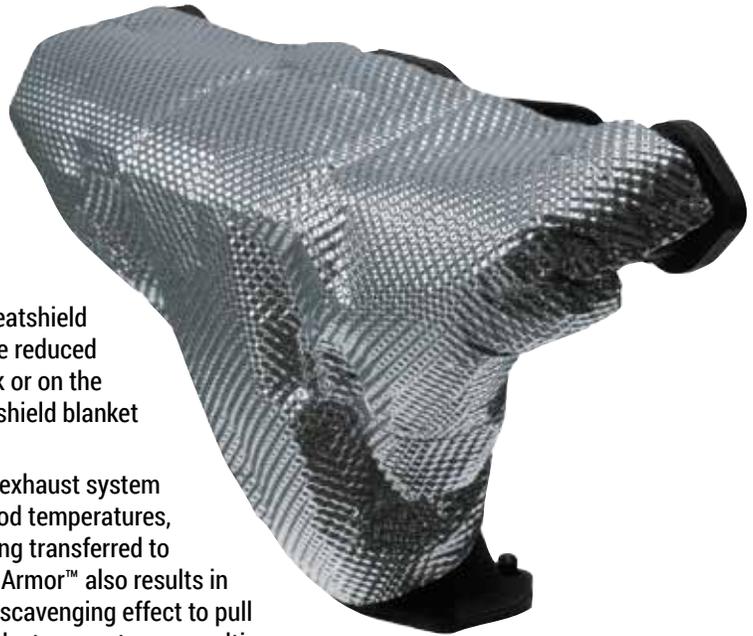
Kits are available for single headers and pairs of headers, and all kits include a small spool of HP Tie Wire™ to secure the Header Armor™.

Fly low, fast and cool with Header Armor™ from Heatshield Products.

FEATURES

- Reduces radiant heat up to 70%
- Lowers underhood temps by up to 60%
- May be cleaned after installation
- Water- and chemical-resistant
- 0.003-inch-thick armor layer
- Includes HP Tie Wire™ for installation

PART NO.	DESCRIPTION
177004	1/4-in thk x 18-in x 24-in
177005	1/4-in thk x 18-in x 24-in (x2)
177006	1/4-in thk x 14-in x 11 in (x2) V6 kit
177009	1/4-in thk x 12-in x 36-in, inline 6 cyl,
177014	1/2-in thk x 18-in x 24-in
177015	1/2-in thk x 18-in x 24-in (x2)



Heatshield Armor™

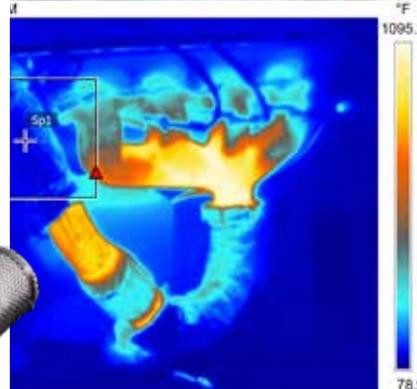


Looking for something easier to install on your pipes than exhaust wrap? Check out our Heatshield Armor™, which can reduce radiant heat from your exhaust pipes by up to 70 percent!

The outer armor of Heatshield Armor™ is resistant to the elements, giving the shield a long life. We use either a 1/4-inch or 1/2-inch BioCool thermal barrier inner pad, bonded to a heavy-duty foil outer layer using a proprietary process. This makes it capable of withstanding 1,800 degrees F continuously, which allows this heatshield to be placed directly on exhaust systems, turbo manifolds, downpipes and diesel particulate filters (DPF). BioCool is a non-caustic, non-flammable thermal barrier. It does not cause itching and won't smoke or smell the first time it is heat-cycled. This makes it a far superior insulator compared to the clamp-on heatshields that allow heat to escape because they are set above the pipe and not directly insulating it. It is flexible, easy to cut (you can use a pair of heavy-duty scissors) and easy to install, and can be cleaned after installation.

A distinct Heatshield Armor™ advantage over an all-alloy exhaust heatshield conduction with one hot side and one cold side: There is no metal-to-metal contact layer. Heatshield Armor™ can even be repaired with Heatshield Armor™ Weld tape.

Heatshield Armor™ is available in two thicknesses: 1/4-inch for most naturally aspirated applications and 1/2-inch for forced-induction and racing.



FEATURES

- Reduces radiant heat up to 70%
- May be cleaned after installation
- Water- and chemical-resistant
- Reduces underhood temperatures up to 60%
- 0.003-inch-thick armor layer



PART NO.	DESCRIPTION
170001	1/4-in thk x 6 in W x 5 ft L
170002	1/4-in thk x 6 in W x 10 ft L
170102	1/4-in thk x 1 ft W x 2 ft L
170103	1/4-in thk x 1 ft W x 3 ft L
170104	1/4-in thk x 1 ft W x 4 ft L
170105	1/4-in thk x 1 ft W x 5 ft L

PART NO.	DESCRIPTION
170202	1/4-in thk x 2 ft W x 2 ft L
175102	1/2-in thk x 1 ft W x 2 ft L
175103	1/2-in thk x 1 ft W x 3 ft L
175104	1/2-in thk x 1 ft W x 4 ft L
175105	1/2-in thk x 1 ft W x 5 ft L
175110	1/2-in thk x 18-in W x 4 ft L

PART NO.	DESCRIPTION
175111	1/2-in thk x 18-in W x 5 ft L
175115	1/2-in thk x 18-in W x 10 ft L
175202	1/2-in thk x 2 ft W x 2 ft L
175304	1/2-in thk x 3 ft W x 4 ft L
175325	1/2-in thk x 3 ft W x 25 ft L

Heatshield Armor™ Kits

Heatshield Armor™ kits feature the same great benefits as the Heatshield Armor™ and include our heavy-duty 5/16-inch-wide Thermal-Tie™.

PART NO.	DESCRIPTION
171005	1/4-in thk x 1 ft W x 5 ft L with 6 ties
176001	1/2-in thk x 1 ft W x 3 ft L with 4 ties
176005	1/2-in thk x 1 ft W x 5 ft L with 6 ties



Muffler Armor™



1800°F
CONTINUOUS



2200°F
INTERMITTENT

Heatshield Products Muffler Armor™ uses our BioCool thermal-barrier material to withstand 1,800 degrees F of continuous heat, which helps reduce radiant heat from mufflers by up to 70 percent. It installs easily and securely using Heatshield Products stainless steel locking Thermal-Tie™, and it is water and chemical-resistant for increased durability and longevity.

Heat from the car's mufflers can be conducted through the floorboards and increase the interior temperatures to uncomfortable levels. For more rearward-mounted mufflers, that same heat can raise trunk temps where there is little or no airflow to help release the heat. In addition to cooking whatever you're carrying in your trunk, if you have a trunk-mounted fuel cell, that heat can elevate fuel temps and hurt performance, along with increase the risk of vapor lock.

Besides reducing temperatures in the passenger and trunk compartment of your car, Muffler Armor™ keeps the heat in the muffler, helping to maintain high exhaust gas temperatures. This increases exhaust-flow velocity, helping to improve engine efficiency and performance. Muffler Armor™ can also be used on catalytic converters.



FEATURES

- Reduces radiant heat by up to 70%
- Helps keep the interior or trunk of your car cooler
- Can also reduce vapor lock if mufflers are near the fuel tank or fuel lines
- Improves engine efficiency by keeping exhaust flow velocity high

PART NO.	DESCRIPTION
177101	14-in x 20-in Kit
177102	14-in x 20-in (x2) Kit

HP Power Anchor Kit™

HP Power Anchor™ from Heatshield Products is an innovative system for removing and reinstalling Heatshield Armor™ and similar heat barriers, featuring a unique Power Hook system.

Stainless steel construction makes the components strong and corrosion resistant, even after numerous high-temperature heat cycles and exposure to underhood elements. All that's required for installation is a standard rivet gun.

HP Power Anchor works with Heatshield Armor, Muffler Armor and Header Armor, as well as similar competitive products. HP Power Anchor will make it easier to remove Heatshield Products Armor series exhaust insulation to access the spark plugs, remove the headers or do any repair work near the headers.



FEATURES

- High-temperature stainless steel anchor system
- Makes removing and re-installing exhaust insulation products quick and easy
- Pop rivet gun required
- Made in the USA

PART NO.	DESCRIPTION
354012	10 anchors
354014	20 anchors

Heatshield Armor Pipe Kits™



1800°F
CONTINUOUS



2200°F
INTERMITTENT

The Heatshield Armor Pipe Kit includes Heatshield Products specially formulated Heatshield Armor™ that can withstand 1,800 degrees F direct heat and 2,200 degrees intermittent heat. Each kit has Heatshield Products high-temperature HP Tie Wire™ and HP Power Anchors™ to secure the Heatshield Armor to the exhaust pipe. After the kit is installed, the exhaust pipe can still “breathe” and not exceed its maximum rated temperature. It’s also water resistant for additional durability. Kits are available for exhaust pipe that’s 2, 3 or 4 feet in length and with 2.5- or 3-inch diameter. Heatshield Armor material can be trimmed easily for a custom fit for other lengths of exhaust pipe. Removal of the exhaust pipe may not be required for installation.



High temperature levels inside an exhaust system can increase exhaust gas temperature (EGT) and exhaust gas velocity (EGV). Using Heatshield Armor Pipe Kit can result in higher EGV, pulling more spent exhaust gasses out of the engine’s cylinders before the exhaust valve closes, which can help produce more engine power. Heatshield Armor Pipe Kit keeps more heat inside the exhaust system than standard heat shields that are essentially a second piece of metal, mounted to stand off of the exhaust tube.

The second benefit is the amount of heat the exhaust system radiates is significantly reduced, so there’s less damaging heat exposure to the components near the exhaust system. The floorboards and interior temperatures are likely to be cooler as well.

FEATURES

- Easy install - no more coiling wrap around pipes
- Warranty friendly - allows pipes to breathe
- Water resistant and rugged
- Trims easily to a custom length
- Includes high-temp wire
- Made in the USA

PART NO.	DESCRIPTION
172252	1/4-in thk x 2-1/2 in dia pipe x 2 ft
172253	1/4-in thk x 2-1/2 in dia pipe x 3 ft
172254	1/4-in thk x 2-1/2 in dia pipe x 4 ft
172302	1/4-in thk x 3 in dia pipe x 2 ft
172303	1/4-in thk x 3 in dia pipe x 3 ft
172304	1/4-in thk x 3 in dia pipe x 4 ft
176252	1/2-in thk x 2-1/2 in dia pipe x 2 ft
176253	1/2-in thk x 2-1/2 in dia pipe x 3 ft
176254	1/2-in thk x 2-1/2 in dia pipe x 4 ft
176302	1/2-in thk x 3 in dia pipe x 2 ft
176303	1/2-in thk x 3 in dia pipe x 3 ft
176304	1/2-in thk x 3 in dia pipe x 4 ft



Inferno Header Wrap™



2000°F
CONTINUOUS



3000°F
INTERMITTENT

Tired of that 2,000-degree F “Brand X” header wrap that becomes brittle and falls apart all too quickly? Heatshield Products Inferno Header Wrap™ solves the problem. It is rated at a true 2,000 degrees F continuously and stays flexible, with a long life. Simply put, there is no insulating wrap on the market that will withstand higher temperatures and last longer.

Fiberglass and basalt-based (crushed volcanic rock) exhaust wraps have their place, and we rate our products with these materials at a 1,200-degree F operating temperature. To function in serious heat, our Inferno Wrap™ is made from silica fiber, making this header wrap soft, strong and flexible while operating at its designed continuous temperature of 2,000 degrees F. In fact, this wrap can withstand intermittent temperatures of 3,000 degrees F, making it the only wrap to use on your forced-induction or racing application.

The Inferno Header Wrap™ stays so flexible, you can unwrap the header when needed after hundreds of heat cycles—even after extreme temperatures have been reached.

Installation is simple: Wrap or “coil” Inferno Wrap™ around the header tubes, using overlap to hold it in place (like a hockey stick or tennis racket grip) and use our Thermal-Tie™, hose clamps or wire to secure the ends in place.



FEATURES

- Remains flexible even at 2,000° F
- Reduces underhood temperatures up to 50%
- Increases horsepower
- Great turbo-manifold wrap

PART NO.	DESCRIPTION
325001	1-in x 25 ft Roll
325002	1-in x 50 ft Roll
325005	2-in x 15 ft Roll
325025	2-in x 25 ft Roll
325050	2-in x 50 ft Roll
325100	2-in x 100 ft Roll
325400	4-in x 100 ft Roll

Cobra Skin™ Exhaust Wrap



1350°F
CONTINUOUS



2000°F
INTERMITTENT

Cobra Skin™ Exhaust Wrap uses the same HPTC coating as our Premium Exhaust Wrap, and features a special weave that makes it easier to wrap around bends in pipes and creates a carbon-fiber appearance after it has been installed.

Our HPTC coating allows Cobra Skin™ Exhaust Wrap to sustain 1,350 degrees F continuously. In addition to increased temperature parameters, the wrap remains flexible and strong. For most header wraps, the fiberglass will become weak and brittle at 1,000 degrees F, and typical coatings will extend the base temp to 1,200 degrees F, but the fibers will still become brittle. With our HPTC coating, the Cobra Skin™ has a higher rated continuous temperature of 1,350 degrees F, and the fibers remain flexible, so the wrap will expand and contract with the metal of the exhaust system. This ensures long-term maximum heat retention and increased wrap life.

The HPTC coating also gives Heatshield Products wraps increased abrasion-resistance even at 1,350 degrees F, and results in less fraying.



FEATURES

- Remains soft, flexible and strong at 1,350° F
- Special weave makes it easier to wrap around bends
- Carbon-fiber appearance when installed
- Reduces underhood temperatures up to 50%

PART NO.	DESCRIPTION
380008	1-in x 25 ft Roll
380009	1-in x 50 ft Roll
380011	2-in x 15 ft Roll
380012	2-in x 25 ft Roll
380013	2-in x 50 ft Roll

Lava Exhaust Wrap™



Made from basalt fiber (crushed volcanic rock), our Lava Wrap™ has all the same benefits as exhaust wrap, but with a carbon-fiber appearance and improved durability. This exhaust wrap is 25 percent stronger than fiberglass wraps, giving it prolonged life.

Using Lava Wrap™ on a header and exhaust system maintains hotter exhaust gases, decreases gas density and allows the exhaust gases to flow through the system at increased velocities. Greater exhaust scavenging is produced, pulling intake gases through the cycle faster, helping to lower air-intake temperatures. This results in more horsepower and reduces radiant heat damage. Lava Wrap™ lowers underhood temperatures by as much as 50 percent.

Heatshield Products Lava Wrap™ withstands continuous temperatures of 1,200 degrees F and intermittent 2,000 degrees F. Please note this is a real-world-tested rating, so beware of inflated temperature ratings of similar basalt/volcanic rock products.

Installation is easy: Wrap it around your exhaust pipe, using overlap to hold it in place (like a hockey stick or tennis racket grip) and use our Thermal-Tie™, hose clamps or wire products to secure the ends in place.



FEATURES

- 25% stronger than fiberglass wraps
- Reduces underhood temperatures up to 50%
- Special weave makes it easier to wrap around bends
- Carbon-fiber appearance

PART NO.	DESCRIPTION
371025	1-in x 25 ft Roll
371050	1-in x 50 ft Roll
372005	2-in x 15 ft Roll
372025	2-in x 25 ft Roll

PART NO.	DESCRIPTION
372050	2-in x 50 ft Roll
372100	2-in x 100 ft Roll
372400	4-in x 100 ft Roll



Black Exhaust Wrap



Black Exhaust Wrap features a proprietary black coating and holds its color longer than similar graphite-coated wraps. It reduces radiant heat damage and can lower underhood temperatures by as much as 50 percent. It can withstand continuous 1,200-degree F and intermittent 2,000-degree F temperatures.

Heatshield Products Black Exhaust Wrap withstands hotter exhaust and header gas temperatures, decreases the gas density and allows the exhaust gases to exit the system faster via increased gas velocities. Increased exhaust scavenging is produced; this pulls the intake gases through the cycle faster, helping to lower intake temperatures and increase horsepower.

Installation is easy: Wrap it around your exhaust pipe, using overlap to hold it in place (like a hockey stick or tennis racket grip), then use our Thermal-Tie™, hose clamps or Tie Wire™ products to secure the ends.



FEATURES

- Lowers underhood temps up to 50%
- Deep black coating stays black
- Increases exhaust scavenging

PART NO.	DESCRIPTION
321025	1-in x 25 ft Roll
321050	1-in x 50 ft Roll
322015	2-in x 15 ft Roll
322025	2-in x 25 ft Roll

PART NO.	DESCRIPTION
322050	2-in x 50 ft Roll
322100	2-in x 100 ft Roll
324100	4-in x 100 ft Roll
326100	6 in x 100 ft Roll

Exhaust Wrap



Heatshield Products Exhaust Wrap can lower underhood temperatures by as much as 50 percent. Exhaust Wrap features a vermiculite coating that makes it capable of withstanding 1,200 degrees F continuous and 2,000 degrees F intermittent temperatures.

Lower underhood temperatures means lower intake temperatures, resulting in more horsepower and better fuel efficiency. Wrapping the exhaust system maintains hotter exhaust gas temperatures, decreases the gas density and allows the exhaust gases to exit the system faster via higher gas velocities. Increased exhaust scavenging is produced, helping to lower intake temperatures by literally pulling them through the cycle faster. That equals more horsepower.

Exhaust Wrap also keeps heat out of the passenger compartment and reduces heat damage to components.



FEATURES

- Lowers underhood temps up to 50%
- Increases exhaust scavenging
- All rolls are 1/16 in thk

PART NO.	DESCRIPTION
311025	1-in x 25 ft Roll
311050	1-in x 50 ft Roll
312015	2-in x 15 ft Roll
312025	2-in x 25 ft Roll

PART NO.	DESCRIPTION
312050	2-in x 50 ft Roll
312100	2-in x 100 ft Roll
312104	4-in x 100 ft Roll
312106	6 in x 100 ft Roll



Lava Stack Sack™



Heatshield Products Lava Stack Sack™ keeps water, debris and other elements out of your exhaust pipes in-between runs and when your diesel truck or other equipment is parked. Lava Stack Sack™ can also prevent your turbo from spinning when your vehicle is being towed.

Unlike vinyl exhaust caps, the Lava Stack Sack™ is made to endure high temperatures and will not melt when put on. The inner HP Felt™ layer is capable of withstanding continuous 1,800 degrees F. The outer Lava Shield layer is made from our proprietary volcanic rock based thermal barrier fibers. This not only gives you a high-performance look, it is also UV resistant giving this exhaust cap a long life.

The adjustable hook-and-loop fastener strap gives a snug fit while being towed down the highway to your next race!



FEATURES

- Protects exhaust stacks from debris, rain and weather
- Continuous direct contact temperature 1800° F
- Soft HP Felt™ won't scratch most chrome stacks
- Won't melt like vinyl stack caps
- Remove Stack Sack™ before turning engine on
- Adjustable hook and loop strap for a secure fit

PART NO.	DESCRIPTION
070703	2 to 2 1/4-in id x 3 1/2-in tall
070704	3 to 3-1/4 in id x 4 1/2-in tall
070705	4 to 4-1/4 in id x 5 1/2-in tall
070706	5 to 5-1/4 in id x 6-in tall
070707	6 to 6-1/4 in id x 8-in tall

HEATSHIELD BARRIERS

Heatshield barriers are designed to shield radiant heat. You can use a heatshield barrier to improve the performance of other components. Did you buy a cold-air intake? Use a heatshield to turn it into a *really* cold-air intake. Sleeve it, tape it or stick it with a heatshield and knock those intake temps down even more. Got hot feet? Stick a heatshield on the firewall, trans tunnel or above the catalytic converter and muffler to keep you cool. We offer a variety of heat barriers for various applications.

The tricky part to a heatshield barrier is that its heat reflectivity and reduction can change significantly with environmental conditions. For example, you can reduce over 90 percent of radiant heat with a product, but change the environmental conditions (such as distance to the heat source or increased airflow) and that same product will now reduce only 50 percent of the heat. This leads to very diverse advertising claims. But we're confident in our testing and claims. The facts are that the more airflow and air space (distance) between the heatshield barrier and heat source, the greater the improvement to the product's performance. Most heatshield barriers require 1 inch of airspace, but some do not. Please read the product descriptions for details.

Firewall, floorpan, under cab (Above: muffler, catalytic converter, DPF, exhaust system), fuel cell	HP Heatshield Mat	Good
	Thermafect Cloth™, Lava Shield™, Thermafect Shield™, cold-gold Shield™	Better
	Lava Shield™ (heavy duty), HP Sticky Shield™, Inferno Shield™	Best
Hood, air intake system	HP Heatshield Mat	Good
	Lava Shield™	Better
	Cobra Shield™, Thermafect Cloth™, Cold-Gold Shield™	Best



HP Sticky Shield™

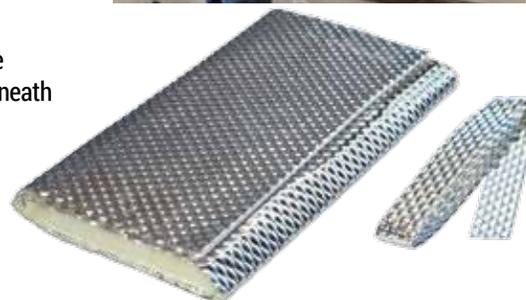


HP Sticky Shield™ is the ultimate way to stop heat from radiating into the driver's compartment of your ride. Made from a dense layer of 1/8-inch-thick fiberglass insulation and shielded by a rugged layer of 0.003-inch-thick aluminum, HP Sticky Shield™ may be cleaned after installation and is resistant to the elements. The heavy-duty peel-and-stick adhesive will bond to almost any clean surface, although it is not recommended for unfinished fiberglass or carbon fiber. It is the perfect radiant heatshield for transmission tunnels, mufflers, catalytic converters, DPFs, turbos, downpipes and exhaust systems.

HP Sticky Shield™ can be used with less than 1 inch of airspace. However, when used with 1 inch or more of airspace, it is capable of shielding over 90 percent of heat. Did that set of long-tube headers on your Mustang, Camaro, Challenger or tuner move your catalytic converter to where there are no factory heatshields? Use HP Sticky Shield™ to stop the heat. That Jeep getting some serious heat in the transmission tunnel or from the cat? HP Sticky Shield™ it away.

HP Sticky Shield™ is asbestos-free and designed to be used under the vehicle on the floorpan, firewall, transmission tunnel and more. It is not designed to be used underneath carpet. Use the included HP Armor Tape™ to seal seams when putting two of these heatshields together, and also to protect the edges of HP Sticky Shield™. You can even use the tape to repair any damage caused to HP Sticky Shield™ from on- or off-road hazards.

Please note: This product ships folded or rolled to keep shipping costs down. You may see bends in it upon arrival, but the bends will become minimally visible after installation.



FEATURES

- Reflects up to 90% of radiant
- May be cleaned after installation
- Flexible; bends and conforms to almost any shape
- Adhesive backing sticks to almost any clean surface
- 0.003-inch-thick armor layer

PART NO.	DESCRIPTION
180020	1/8-in thk x 11-in x 23-in
180021	1/8-in thk x 24-in x 23-in
180022	1/8-in thk x 11-in x 10-in
180025	1/8-in thk x 36-in x 46 in

Cobra Shield™



Cobra Shield™ heatshield is a high-tech radiant heat barrier. It features a proprietary manufacturing process and chemical-resistant coating: aluminum particles are bonded on a molecular level, as opposed to a laminate like with most aluminized heat barriers. This makes Cobra Shield™ stronger and abrasion-resistant, and it won't delaminate when subjected to excessive moisture. In addition to the strong aluminized bond, a special coating makes Cobra Shield™ easy to clean and chemical- and corrosion-resistant. Cobra Shield™ is the ultimate heatshield for your transmission tunnel, hood, firewall, floorpan and so on. Cobra Shield™ withstands 1,100 degrees F continuous and 2,000 degrees F intermittent.

FEATURES

- Revolutionary aluminized coating; won't delaminate like foil cloths
- Chemical- and weather-resistant coating
- More rugged and abrasion-resistant than laminated cloths
- Reflects radiant heat away
- Helps shield firewalls, hoods, body panels and floorboards



PART NO.	DESCRIPTION
750002	0.014-in thk x 24-in x 24-in
750004	0.014-in thk x 36-in x 56 in

Cold-Gold Shield™



1100°F
CONTINUOUS



2000°F
INTERMITTENT

Heatshield Products designed the Cold-Gold Shield™ for the person who loves chrome, polished aluminum and billet and the mesmerizing brilliance of metallic paint: the shine and allure. It deflects heat without adding dead weight, no matter how tight the space, all the while looking like a million bucks.

Heatshield Product's engineers have been developing our TruGold™ technology for years as we have become tired of people spending a lot of money on glorified stickers. Birthday balloon "gold" thermal-barrier products on the market use a yellow Mylar to shield radiant heat. While Mylar can reflect radiant heat, so can aluminum foil at a fraction of the cost.

The Heatshield Products Cold-Gold Shield™ is made from exclusive TruGold™ thermal-barrier technology that won't degrade after long-term heat exposure. The real gold color combined with a full high-grade fiberglass cloth backing make this a real gold heat shield. It can take constant ambient temps of up to 1,100 degrees Fahrenheit, intermittent ambient temps of 2,000 degrees Fahrenheit. Cold-Gold Shield™ is *not designed for direct heat contact*, however with an optimal

air gap of 1 inch or more for maximum thermal reflection Cold-Gold Shield™ can reflect up to 90% of radiant heat. If you ever have a catastrophic fire, Cold-Gold Shield™ also acts as a full protection barrier because of its full coverage of high grade fiberglass cloth backing. The gold coating may burn away but the fiberglass is there to act as a fire barrier protecting your components.



FEATURES

- Capable of reflecting up to 90% of radiant heat
- Exclusive TruGold™ technology superior to "birthday balloon" gold materials
- Specially formulated fiberglass-based backing material also acts as a fire barrier for extra protection
- Cuts easily with scissors or utility knife
- All rolls 0.008" thick

PART NO.	DESCRIPTION
707003	12-in x 24-in
707004	24-in x 24-in
707007	12-in x 50 ft
707009	24-in x 50 ft
707014	36-in x 48-in
707016	36-in x 72-in



Inferno Shield™



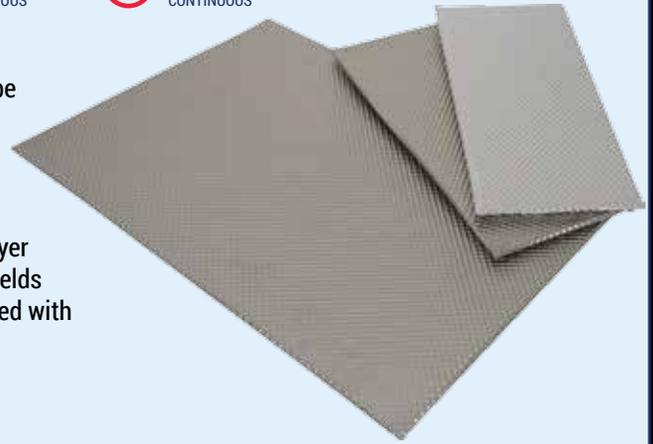
900°F
CONTINUOUS

TO



1800°F
CONTINUOUS

More than just another heatshield, the Inferno Shield™ can be custom configured to handle whatever your thermal requirements are. It can be bent, folded and twisted to form a near-infinite number of custom shapes. Our Inferno Shield™ heatshields come in two different grades of alloy: aluminum (900 degrees F continuous) and stainless steel (1,800 degrees F continuous). Each of these alloy heatshields has an inner BioCool™ pad that can be trimmed, then an outer alloy layer can be folded over for a custom size or fit. Larger and custom heatshields are available with volume purchase. These heatshields may be fastened with Thermal-Tie™, safety wire, screws or rivets.



FEATURES

- Capable of reflecting over 90% of radiant heat
- Flexible; bends and will hold its shape
- Simple installation in minutes
- Perfect radiant heatshield for mufflers, catalytic converters, DPF and more

PART NO.	DESCRIPTION
110614	Aluminum 6 in x 14-in; 900° F
120614	321 Stainless 6 in x 14-in; 1800° F
120620	321 Stainless 14-in x 20-in; 1800° F
120636	321 Stainless 24-in x 36-in; 1800° F

Thermafect Shield™



1200°F
CONTINUOUS



2000°F
INTERMITTENT

This universal flexible heatshield deflects heat away and is rugged enough to be used for almost any radiant heat application. If used with a 1-inch air gap between the heat source and Thermafect Shield™ and with good airflow, this heatshield can reflect over 90 percent of radiant heat. We use a 1/4-inch-thick BioCool thermal-barrier inner pad sandwiched between heavy-duty foil, bound and sewn together with a stainless steel mesh at the edges. BioCool is a non-caustic, non-flammable thermal barrier. It does not cause itching and won't smoke or smell the first time it is heat-cycled. By binding the edges with this mesh, we created greater flexibility and a more rugged product. This heatshield withstands 1,100 degrees F continuous radiant heat, and 500 degrees F direct when in direct contact. Thermafect Shield™ is intended for wrapping around airboxes, electrical boxes and air conditioning components or is used to shield radiant heat from catalytic converters, mufflers and DPF, and on the bottom of the floorpan. Thermafect Shield™ may be fastened with Thermal-Tie™, safety wire, screws or rivets.



FEATURES

- Capable of reflecting over 90% of radiant heat
- Flexible; bends and conforms to almost any shape
- Simple installation in minutes
- Perfect radiant heatshield for mufflers, catalytic converters, DPF and more
- Custom shields available

PART NO.	DESCRIPTION
100507	1/4-in thk x 5-in x 7-in
100614	1/4-in thk x 6 in x 14-in
101420	1/4-in thk x 14-in x 20-in

Lava Shield™



1200°F
CONTINUOUS



2000°F
INTERMITTENT

Made from crushed volcanic rock, Heatshield Products Lava Shield™ has heatshielding capabilities with a carbon-fiber look. This insulator helps to reflect and dissipate heat, making it perfect to be an airbox heatshield or heatshield barrier to protect the paint on your carbon-fiber/fiberglass hood. Due to the natural chemical and acid-resistant properties of basalt (a mineral from volcanic rock), Lava Shield™ is excellent to use in harsh environments. Lava Shield™ may be used on a firewall to shield radiant heat, and is also perfect to shield heat in transmission tunnels. Keep the look of carbon fiber but have the functionality of the Lava Shield™ heat barrier. It can be used with less than 1 inch of airspace, but 1/2-inch minimum is recommended. It is also better to use Lava Shield™ on applications where there is little airflow, making it a superior insulator to aluminum and gold barrier fabrics in these conditions. Lava Shield™ withstands 1,200 degrees F direct continuous temperatures and 2,000 degrees F intermittent.



FEATURES

- Capable of reducing up to 80% of radiant heat
- Adhesive backing sticks to almost any clean surface
- Helps shield firewalls, hoods, body panels and floorboards
- Bulk rolls available

PART NO.	DESCRIPTION
770001	0.008-in thk, 12-in x 24-in
770002	0.008-in thk, 24-in x 24-in
770003	0.008-in thk, 36-in x 48-in
770005	0.008-in thk, 48-in x 60-in
781002	0.025-in thk, 24-in x 24-in
781003	0.025-in thk, 36-in x 47-in
781005	0.025-in thk, 47-in x 60-in



Thermafect Cloth™



1100°F
CONTINUOUS



2000°F
INTERMITTENT

Thermafect Cloth™ is a heatshield with a high-quality mirror-like finish compared to most other reflective aluminized cloth mats. In addition, it weighs 40 percent less than comparable aluminized fiberglass cloth products. When used in applications when there is 1 inch of airspace and good airflow, Thermafect Cloth™ is capable of reflecting 90 percent of radiant heat. The mirror-like finish and lightweight construction will blow the gold vinyl sticker stuff away with its reflectivity. Use it as a heatshield under the hood on a fuel cell, on aluminum intercooler pipes or for the air-filter box, or turn your aftermarket intake into a real cold-air intake! This product withstands 1,100 degrees F of radiant heat (requires minimum of 1 inch of airspace) and up to 450 degrees F of direct heat. To install it, face the aluminized side toward the source of heat to shield heat away. Thermafect Cloth™ is available with a high-temperature peel-and-stick adhesive that will adhere to almost any clean surface. It is not recommended for rough, unfinished fiberglass or carbon fiber.



FEATURES

- Capable of reducing up to 90% of radiant heat
- Adhesive sticks to most clean surfaces; not recommended for rough/unfinished fiberglass
- Helps shield firewalls, hoods, body panels and floorboards
- Bulk rolls and custom widths available; minimums apply

PART NO.	DESCRIPTION
710040	36-in x 58-in non-adhesive
711002	24-in x 26-in w/self-adhesive (ships folded)
711005	36-in x 58-in w/ self-adhesive

HP Heatshield Mat™



1100°F
CONTINUOUS



2000°F
INTERMITTENT

Keep your cool with our Heatshield Products Heatshield Mat. When used in applications with 1 inch of airspace and good airflow, this heatshield cloth is capable of reflecting 90 percent of radiant heat. Face the aluminized side toward the source of radiant heat to shield heat away. This product withstands 1,100 degrees F of radiant heat (requires minimum of 1 inch of airspace) and up to 450 degrees F of direct heat, perfect for using underneath your floorpan to shield heat from your DPF, muffler, catalytic converter and exhaust system, or it can be used on the firewall to shield engine heat. It can also be used as a cold-air intake heatshield. Put it on your metal or plastic airbox to stop heat from raising air-intake temperatures. The Heatshield Mat is available with a high-temperature peel-and-stick adhesive. The self-adhesive version is not recommended for rough, unfinished fiberglass or carbon fiber. Bulk heatshield cloth rolls are available.



FEATURES

- Capable of reducing up to 90% of radiant heat
- Adhesive backing sticks to almost any clean surface, not recommended for rough/unfinished fiberglass
- Helps shield firewalls, hoods, body panels and floorboards
- All rolls 0.030 inch thick
- Bulk rolls and custom widths available; minimums apply

PART NO.	DESCRIPTION
720305	36-in x 58-in non-adhesive
720505	58-in x 60-in non-adhesive
721005	18-in x 18-in w/adhesive (ships folded)
721101	12-in x 12-in w/adhesive (ships folded)
721102	12-in x 24-in w/adhesive (ships folded)
721150	12-in x 50 ft w/adhesive
721202	24-in x 24-in w/adhesive (ships folded)
721204	24-in x 48" w/adhesive
721305	36-in x 58-in w/adhesive
721505	58-in x 60-in w/adhesive

HEATSHIELD & THERMAL BARRIERS

TURBO HEATSHIELDS

Improve the efficiency of your turbo by retaining heat inside with a Heatshield Products turbo heatshield. Using a turbo bag can increase boost, reduce turbo chatter (or flutter) and help reduce turbo lag. In addition to aiding the efficiency of the turbo system, these heatshields can also reduce underhood temperatures by as much as 60 percent. Lowering underhood temps will also lower intake temperatures, adding even more power. Our turbo heatshields do not conduct heat from the hot side to the cold side like an all-metal turbo shield, which makes it safer to the touch and reduces the amount of heat radiating off the turbo.

Turbo heatshields are not recommended for use on journal-bearing turbos.



Lava Turbo Shield™



Heatshield Products Lava Turbo Shield™ was designed for and tested to manage heat on the most hardcore turbocharged racing applications. Lava Turbo Heat Shield™ reduces turbo lag while protecting other engine components and reducing underhood temperatures. Lava Turbo Heat Shield™ is a custom fit and uses extreme-temperature materials to keep heat in the hot side of the turbo where it belongs. The Lava Turbo Heat Shield™ has a rugged outer layer of our Lava Shield™ material that is 25 percent stronger than comparable fiberglass shields, giving a longer life span. The silica contact layer and silica insulation make Lava Turbo Heat Shield™ capable of withstanding 1,800 degrees F continuous. We use a ½-inch-thick BioCool™ thermal-barrier inner pad sandwiched between heavy-duty silica mat and our Lava Shield™. The precision-fit design means you do not have to trim or fit the heatshield blanket to your turbo housing, making installation a snap.



FEATURES

- Capable of reducing up to 60% of turbo-generated underhood heat
- Reduces turbo lag and chatter while increasing boost
- Does not conduct heat to “cold side” like metal turbo shields
- Precision fit; installs in minutes without trimming or cutting
- Custom shields available; will require housing to make prototype

PART NO.	DESCRIPTION
300073	T3 Flange Turbos
300074	T4 Flange Turbos
300075	Large/Mid-Frame T4 Flange Housings
300076	T6 Flange
300078	T2 Flange (G25, 27, 28) w/Wastegate

Lava Turbo Plug™



Protect your turbo charger from excessive wear, damage and the elements with Heatshield Products Lava Turbo Plug. The Lava Turbo Plug fits securely into the turbocharger intake, blocking airflow that can cause the turbine to spin and create unlubricated wear on the internal bearings.

While protecting the turbocharger from unlubricated turbine spool, Lava Turbo Plug also keeps debris and moisture out of the intake system. Even if you're towing on an open trailer through a downpour, you won't have to worry about water accumulating in the turbo or intake system.

Made from our specially formulated volcanic rock fiber material, Lava Turbo Plug can be inserted onto a hot turbo with no worries of the plug being damaged. It is specially designed to fit snugly in place but be easy to remove when necessary.



FEATURES

- Protects turbos on towed race vehicles
- Heatshield exclusive RugGold™ technology
- Cool carbon fiber look
- Protects intake system from debris

PART NO.	DESCRIPTION
070814	3-in id x 2.5-in tall
070815	4-in id x 3-in tall
070816	5-in id x 3-in tall

Stealth Turbo Shield™



Keep cool and lay low with Heatshield Products Stealth Turbo Shield™, the black turbo heatshield you have been waiting for. Retaining heat inside the turbo may lower underhood temperatures up to 40 percent and also reduce chatter and lag, plus it may increase boost (in some applications) and reduce radiant heat damage to other engine components. We use a ½-inch-thick BioCool™ insulation sandwiched between our black fiberglass cloth and the heavy duty silica mat contact layer. The precision-fit turbo heat bag uses the same extreme-heat-rated technology as our other turbo shields, but has a cool black stealth appearance. Capable of withstanding 1,800 degrees F continuous, our Stealth Turbo Shield™ is designed for street performance and hardcore racing applications. The precision-fit design also means you do not have to trim it to fit your turbo housing, making installation a snap. Turbo removal is not necessary in most cases, and the kit includes stainless steel springs to be used with anchors to hold it in place.



FEATURES

- Continuous operating temperature of 1,800° F continuous and 2,200° F intermittent
- Capable of reducing up to 60% of turbo-generated underhood heat
- Does not conduct heat like metal turbo shields
- Reduces turbo lag/chatter and increases boost
- Precision fit; installs in minutes
- Custom shields available; will require housing to make prototype

PART NO.	DESCRIPTION
300543	T3 Flange
300544	T4 Flange
300545	T4 Flange Mid-Frame/Large
300546	T6 Flange
300548	T2 Flange (G25, 27, 28) w/ Wastegate
300550	88-02 Dodge Cummins 5.9L

HP Turbo Shield Kit™



Our HP Turbo Heat Shield Kit™ can help increase horsepower and reduce turbo lag while protecting other engine components from turbo-generated underhood heat. Unlike other turbo heatshield kits that use exhaust wrap, the HP Turbo Heat Shield Kit™ features extreme-temperature insulation materials, which provide greater heat protection, performance and durability. The complete turbo kit includes our extreme-temperature turbo blanket and Heatshield Armor™ for your downpipe, putting the HP Turbo Heat Shield Kit™ at the cutting edge of thermal-barrier technology and performance. Capable of withstanding 1,800 degrees F continuous, HP Turbo Heat Shield Kit™ is designed for street performance and the most hardcore racing applications. The simple two-piece design comes with comprehensive instructions, so installation is simple even for the novice installer.



FEATURES

- Capable of reducing up to 60% of radiant underhood and turbo-generated heat
- Reduces turbo lag/chatter and increases boost
- Universal kit; fits a wide array of turbo applications

PART NO.	DESCRIPTION
300000	Turbo & Downpipe Heatshield
300001	Turbo Shield Only; 9-in x 19-in
300002	Downpipe Shield; 1/2-in thk x 10-in W x 36-in L

HEATSHIELD SLEEVES

Heatshield Products thermal-barrier sleeves not only keep components cool, but also keep your car moving by avoiding vapor lock. Shielding fuel lines can prevent vapor lock and fuel-pump cavitation, and shielding A/C lines can help make your drive more enjoyable even in the hottest summer months. Shielding critical wiring harnesses also helps prevent premature failure due to long-term and excessive heat exposure, and can even protect in the case of a vehicle fire. Keep the oil that's flowing into your transmission or turbo oil line cool by shielding it from heat.

Less than 1-in air gap from heat source: wire loom, oil lines, coolant lines, A/C lines, fuel lines, transmission lines, turbo oil lines	HP Thermal Sleeve™, HP Hose Sleeve™	Good
	Fire Shield Sleeve™	Better
	Hot Rod Sleeve™, Lava Tube™	Best
With 1-in air gap from heat source: wire loom, oil lines, coolant lines, A/C lines, fuel lines, transmission lines, turbo oil lines, intercooler pipe, air intake	HP Thermal Sleaving™, HP Hose Sleaving™	Good
	Hot Rod Sleeve™, Fire Shield Sleeve™, Lava Tube™	Better
	Thermafect Sleeve™	Best

Hot Rod Sleeve™

Hot Rod Sleeve™ is thermal sleeving capable of withstanding 1,200 degrees F continuous. This non-flammable sleeve has a special weave that allows it to expand up to 20% of its natural diameter. Making it able to expand and contract over fittings and terminals. In addition, it has that old-school sleeve look with modern heatshield technology. This is a perfect way to protect wires, fuel lines, brake lines and clutch lines for your custom build. It is ideal for shielding fuel lines, helping to prevent vapor lock, protecting sensitive wire looms from close-proximity heat, shielding brake lines and hoses and stopping clutch cables from melting. Available in 10- and 100-foot rolls.

FEATURES

- Special weave allows heat sleeve to expand/contract over fittings/terminals
- Prevents vapor lock on fuel lines
- Shields wire looms and fluid lines from heat
- Non-flammable

PART NO.	DESCRIPTION
204011	3/8-in x 10 ft Roll
204012	1/2-in x 10 ft Roll
204013	1/4-in x 10 ft Roll
204014	3/4-in x 10 ft Roll
204018	1-in x 10 ft Roll

PART NO.	DESCRIPTION
204101	3/8-in x 100 ft Roll
204102	1/2-in x 100 ft Roll
204104	3/4-in x 100 ft Roll
204108	1-in x 100 ft Roll



Lava Tube™



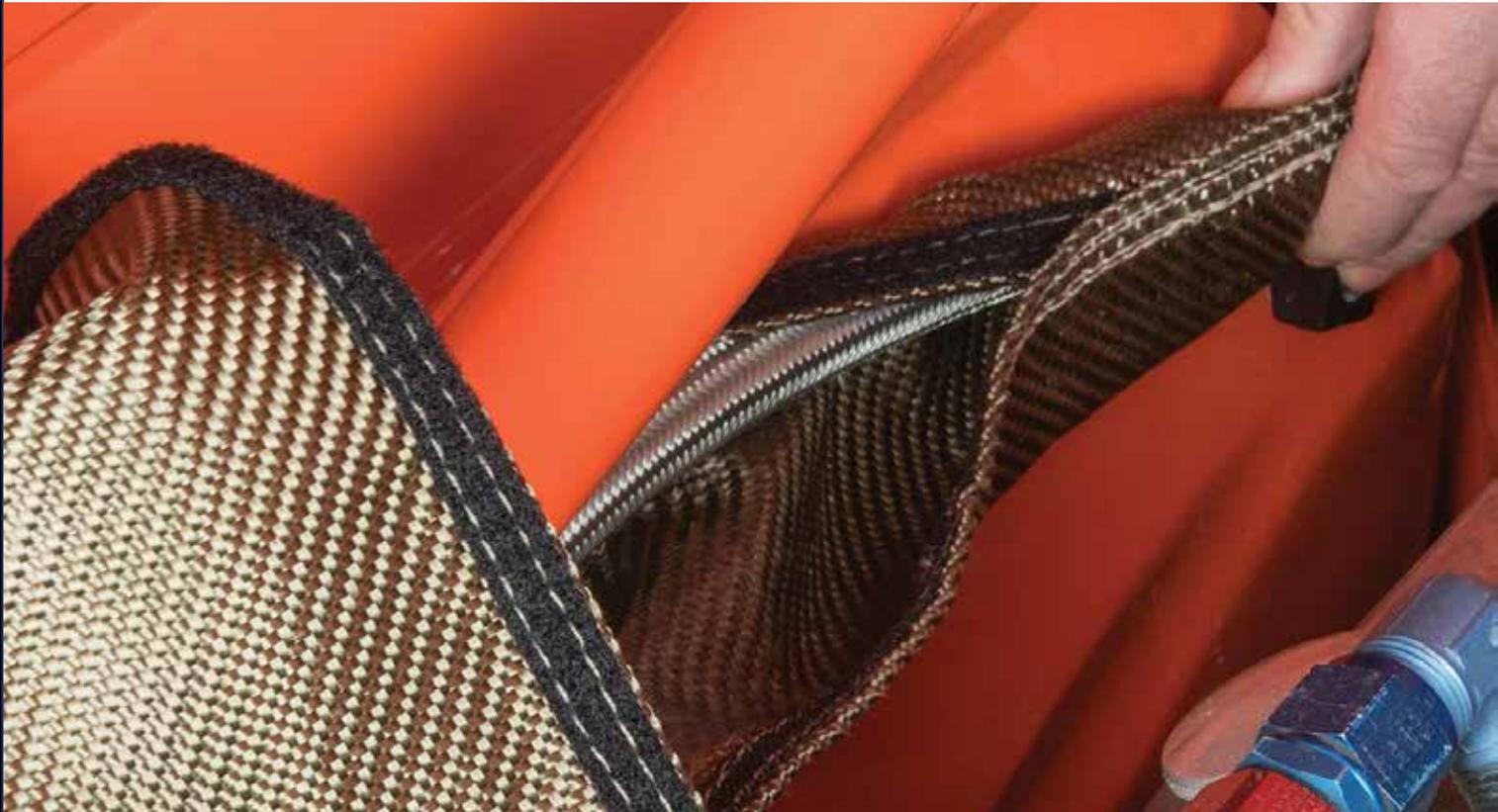
Lava Tube is a tube-shaped thermal barrier product designed to protect sensitive components in environments with excessive ambient temperatures and direct heat. The material is a specially formulated Heatshield Products fibrous thermal barrier weave made from volcanic rock. The basalt fiber allows Lava Tube to protect components from continuous temperatures of 1,200 degrees Fahrenheit, and intermittent temperatures of 2,000 degrees Fahrenheit. This makes Lava Tube an ideal and superior alternative to silicon-based thermal barrier sleeves in applications above 500 degrees Fahrenheit. Lava Tube is also extremely durable against abrasions and chemical exposure.

Lava Tube has been designed with a special hook and loop fastener system, so it can be installed without the need for disassembling components.

FEATURES

- Volcanic rock fiber naturally chemical and acid resistant
- Excellent for applications close to exhaust heat
- Great for turbo lines

PART NO.	DESCRIPTION
280002	Lava Tube Shield; 1/2-in id x 3 ft
280004	Lava Tube Shield; 3/4-in id x 3 ft
280008	Lava Tube Shield; 1-in id x 3 ft
280010	Lava Tube Shield; 1 1/2-in id x 3 ft
281002	Lava Tube Shield; 1/2-in id x 10 ft
281004	Lava Tube Shield; 3/4-in id x 10 ft
281008	Lava Tube Shield; 1-in id x 10 ft
281010	Lava Tube Shield; 1 1/2-in id x 10 ft



Thermafect Sleeve™



Shield wiring, lines, hoses and cables from radiant heat. Thermafect Sleeve™ acts as a thermal-barrier capable of reflecting up to 90 percent of radiant heat (requires minimum of 1 inch airspace and good airflow). It is excellent to use on fuel lines, wiring looms, air intake, intercooler pipes and air conditioner hoses. By keeping fuel and air-intake temperatures cool, it helps to prevent vapor lock, improves performance, increases mileage and reduces fuel evaporation. It weighs a fraction of silicone-coated sleeves and offers superior radiant heat insulation. Thermafect Sleeve™ withstands 1,100 degrees F of continuous radiant heat and 500 degrees F direct heat.

Available in sewn and a hook-and-loop seam.



FEATURES

- Capable of reducing up to 90% of radiant heat
- Helps to prevent vapor lock, reduces air-intake temperatures, protects wires from melting
- Available in a hook-and-loop seam
- Large-diameter and -length rolls available upon request

PART NO.	DESCRIPTION - Hook & Loop
274012	1/2-in id x 3 ft Roll
274013	1/2-in id x 10 ft Roll
274034	3/4-in id x 3 ft Roll
274035	3/4-in id x 10 ft Roll
274100	1-in id x 3 ft Roll
274101	1-in id x 10 ft Roll
274112	1 1/2-in id x 3 ft Roll
274113	1 1/2-in id x 10 ft Roll
274114	1 1/4-in id x 3 ft Roll
274115	1 1/4-in id x 10 ft Roll
274200	2-in id x 3 ft Roll
274201	2-in id x 10 ft Roll
274212	2 1/2-in id x 3 ft Roll
274213	2 1/2-in id x 10 ft Roll
274300	3-in id x 3 ft Roll
274301	3-in id x 10 ft Roll
274304	3 1/2-in id x 3 ft Roll
274305	3 1/2-in id x 10 ft Roll

PART NO.	DESCRIPTION - Hook & Loop
274308	4-in id x 3 ft Roll
274309	4-in id x 10 ft Roll
274310	4 1/2-in id x 3 ft Roll
274311	4 1/2-in id x 10 ft Roll
274312	5-in id x 3 ft Roll
274313	5-in id x 10 ft Roll

PART NO.	DESCRIPTION - Sewn
270012	1/2-in id x 3 ft Roll
270013	1/2-in id x 10 ft Roll
270034	3/4-in id x 3 ft Roll
270035	3/4-in id x 10 ft Roll
270100	1-in id x 3 ft Roll
270101	1-in id x 10 ft Roll
270112	1 1/2-in id x 3 ft Roll
270113	1 1/2-in id x 10 ft Roll

PART NO.	DESCRIPTION - Sewn
270114	1 1/4-in id x 3 ft Roll
270115	1 1/4-in id x 10 ft Roll
270200	2-in id x 3 ft Roll
270201	2-in id x 10 ft Roll
270212	2 1/2-in id x 3 ft Roll
270213	2 1/2-in id x 10 ft Roll
270300	3-in id x 3 ft Roll
270301	3-in id x 10 ft Roll
270304	3 1/2-in id x 3 ft Roll
270305	3 1/2-in id x 10 ft Roll
270308	4-in id x 3 ft Roll
270309	4-in id x 10 ft Roll
270310	4 1/2-in id x 3 ft Roll
270311	4 1/2-in id x 10 ft Roll
270312	5-in id x 3 ft Roll
270313	5-in id x 10 ft Roll

HP Color Sleeve™

Heatshield Products Color Sleeves™ are an excellent way to protect wires, fuel lines, brake lines and more from thermal exposure while enhancing your vehicle's appearance. The special weaving of the sleeve allows it to expand over fittings during installation and return to its original size. Colored sleeve coatings can withstand 1,200 degrees F continuous. Rolls are 25 feet in length and have an adjustable inside diameter from 5/16 to 7/16 inch. Fasten using Thermal-Tie™ or hose clamps. Heatshield Products thermal-barrier color sleeves are available in red, blue, yellow, black and tan.

FEATURES

- Capable of reducing up to 60% of radiant heat
- Helps to prevent fuel-system vapor lock
- Protects wires from melting from excessive heat exposure
- Special weave allows expansion over fittings/terminals
- Size: 5/16- to 7/16-inch adjustable internal diameter x 25-foot roll
- Bulk rolls available



1200°F
CONTINUOUS



2000°F
INTERMITTENT



PART NO.	DESCRIPTION
203121	5/16-in id x 25 ft Red
203122	5/16-in id x 25 ft Blue
203123	5/16-in id x 25 ft Yellow
203124	5/16-in id x 25 ft Black
203125	5/16-in id x 25 ft Tan/Natural

HP Hose Sleeve™

Our HP Hose Sleeve™ thermal-barrier product can shield radiator hoses and hydraulic hoses from external heat damage, increasing their life and preventing breakdowns. Use HP Hose Sleeve™ to insulate air-intake tubes from radiant heat, lowering intake temperatures and increasing horsepower. A special thermal coating allows the HP Hose Sleeve™ to reflect and dissipate heat. The special braid gives it an expandable inside diameter of 1-3/4 to 2-3/8 inch. The HP Hose Sleeve is capable of withstanding 1,200 degrees F continuous. Short roll kits include HP Shrink™ to secure to hose. Master rolls may be fastened using HP Shrink™, Thermal-Tie™ or hose clamps.

FEATURES

- Capable of reducing up to 60% of radiant heat
- Helps to prevent fuel-system vapor lock
- Protects wires from melting
- Sleeving wall thickness is 1/16 inch thick



1200°F
CONTINUOUS



2000°F
INTERMITTENT



PART NO.	DESCRIPTION
240003	1 3/4-in id x 3 ft Roll
240004	1 3/4-in id x 100 ft Roll
240010	1 1/2-in id x 50 ft Roll
240011	1 1/2-in id x 6 ft Roll

Fire Shield Sleeve™



Available in master rolls, Heatshield Products Fire Shield Sleeve™ provides thermal and physical protection against excessive heat with its rugged silicone covering. It starts with braided fiberglass yarns in a flexible substrate, then is coated with a high-grade silicone rubber. This rugged silicone coating makes the Fire Shield Sleeve™ resistant to most chemicals, including hydraulic fluids, oils and fuels. The coating also makes it resistant to abrasion and fraying. You can use Fire Shield Sleeve™ for brake lines, fuel lines, wiring harnesses and cables, making master rolls a must-have for any hot rod and race car shop. The rugged silicone coating also makes Fire Shield Sleeve™ ideal for protecting welding lines and cables. This sleeve is designed to reduce and dissipate heat, and works great in harsh environments that require thermal protection and insulation. Fire Shield Sleeve™ withstands 500 degrees F continuous and brief intervals of 900 degrees F, and allows for the bundling of wires, hoses and cables.



FEATURES

- Silicone layer can be cleaned and protects against abrasion
- Helps to prevent fuel-system vapor lock
- Protects wires from melting
- Reduces and dissipates heat
- Additional sizes up to 4-inch internal diameter

PART NO.	DESCRIPTION - Hook & Loop
210010	Red 3/8-in id x 3 ft Roll
210011	Red 3/8-in id x 10 ft Roll
210012	Red 1/2-in id x 3 ft Roll
210013	Red 1/2-in id x 10 ft Roll
210014	Red 3/4-in id x 3 ft Roll
210015	Red 3/4-in id x 10 ft Roll
210016	Red 1-in id x 3 ft Roll
210017	Red 1-in id x 10 ft Roll
210018	Red 1 1/4-in id x 3 ft Roll
210019	Red 1 1/4-in id x 10 ft Roll
210020	Red 1 1/2-in id x 3 ft Roll
210021	Red 1 1/2-in id x 10 ft Roll

PART NO.	DESCRIPTION - Hook & Loop
210040	Black 3/8-in id x 3 ft Roll
210041	Black 3/8-in id x 10 ft Roll
210042	Black 1/2-in id x 3 ft Roll
210043	Black 1/2-in id x 10 ft Roll
210044	Black 3/4-in id x 3 ft Roll
210045	Black 3/4-in id x 10 ft Roll
210046	Black 1-in id x 3 ft Roll
210047	Black 1-in id x 10 ft Roll
210048	Black 1 1/4-in id x 3 ft Roll
210049	Black 1 1/4-in id x 10 ft Roll
210050	Black 1 1/2-in id x 3 ft Roll
210051	Black 1 1/2-in id x 10 ft Roll

PART NO.	DESCRIPTION - Hook & Loop
210110	Red 3/8-in id x 100 ft Roll
210112	Red 1/2-in id x 100 ft Roll
210114	Red 3/4-in id x 50 ft Roll
210116	Red 1-in id x 50 ft Roll
210118	Red 1 1/4-in id x 50 ft Roll
210120	Red 1 1/2-in id x 50 ft Roll
210140	Black 3/8-in id x 100 ft Roll
210142	Black 1/2-in id x 100 ft Roll
210144	Black 3/4-in id x 50 ft Roll
210146	Black 1-in id x 50 ft Roll
210148	Black 1 1/4-in id x 50 ft Roll
210150	Black 1 1/2-in id x 50 ft Roll

HEATSHIELD TAPE & FASTENERS

Heatshield Products thermal tapes reflect radiant heat away from wires, lines, cables and hoses. These tapes will adhere to most clean surfaces without disassembly, and can also secure other insulation as a temporary on-the-go fix for radiant heat problems. Stainless steel locking ties are a great way to attach high-temperature thermal-barrier products in high-heat applications. Choose from one of our American-made high-temperature thermal-barrier tapes or fasteners. Both may be used to secure the ends of any Heatshield Products thermal sleeves improving the sleeve's performance.

Thermal-Tie™



1800°F
CONTINUOUS

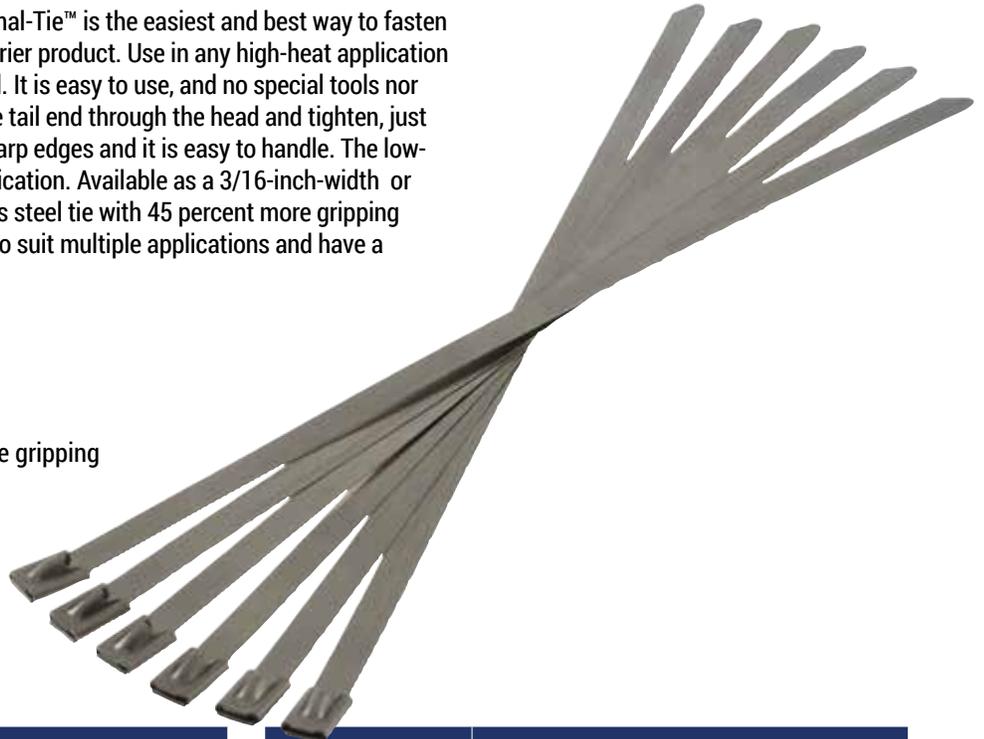


2200°F
INTERMITTENT

Heatshield Products stainless steel Thermal-Tie™ is the easiest and best way to fasten any type of high-temperature thermal-barrier product. Use in any high-heat application where high-strength fasteners are needed. It is easy to use, and no special tools nor bands or buckles required. Simply pull the tail end through the head and tighten, just like with plastic wire ties. There are no sharp edges and it is easy to handle. The low-profile makes it ideal for any tight-fit application. Available as a 3/16-inch-width or a heavy-duty 5/16-inch-wide 304 stainless steel tie with 45 percent more gripping power. Both come in a variety of lengths to suit multiple applications and have a thickness of .010 inch.

FEATURES

- No buckles or bands required
- 304 stainless steel
- The heavy-duty tie features 45% more gripping power
- Installs with needle-nose and diagonal pliers
- 0.010 inch thick



PART NO.	DESCRIPTION
350008	3/16-in W x 7.9-in L; 8 pack
350009	3/16-in W x 7.9-in L; bag of 50
350010	3/16-in W x 10-in L; 6 pack
350011	3/16-in W x 10-in L; bag of 50
350014	3/16-in W x 14-in L; 4 pack
350015	3/16-in W x 14-in L; bag of 50
350020	3/16-in W x 20-in L; 6 pack
350021	3/16-in W x 20-in L; bag of 50
350033	3/16-in W x 33-in L; 2 pack
350034	3/16-in W x 33-in L; bag of 50

PART NO.	DESCRIPTION
351001	5/16-in W x 7.9-in L; 8 pack
351002	5/16-in W x 7.9-in L; bag of 50
351003	5/16-in W x 10-in L; 6 pack
351004	5/16-in W x 10-in L; bag of 50
351005	5/16-in W x 14-in L; 4 pack
351006	5/16-in W x 14-in L; bag of 50
351007	5/16-in W x 20-in L; 6 pack
351008	5/16-in W x 20-in L; Bag of 50
351012	5/16-in W x 33-in L; 2 pack
351013	5/16-in W x 33-in L; bag of 50

Cold-Gold Tape™



Sometimes, you also want a heat shield that will look just as good as the rest of your vehicle! Cold-Gold Tape™ from Heatshield Products was specially designed to shield radiant heat, as well as look like the kind of show-quality material you see on a car in a prestigious competition, such as the Detroit Autorama Ridler award!

Most “gold” thermal-barrier products on the market use “birthday balloon technology” to deflect heat. Mylar can look fantastic but it is the same material used in birthday balloons. Yes it can reflect heat away, but so will aluminum foil at a fraction of the cost. Heatshield Products Cold-Gold Tape™ is made from exclusive TruGold™ thermal-barrier material. Cold-Gold Tape™ is comprised of a true gold color reflective layer combined with a lightweight high grade fiberglass cloth. The full fiberglass cloth back (not scrim) can protect components in those critical seconds between the start of a fire event and full-flame catastrophe. The fiberglass cloth backing acts as a fire barrier even after the gold coating burns off, giving Cold-Gold Tape™ another advantage of the plethora of balloon based barriers.



Cold-Gold Tape™ won't degrade after long-term heat exposure. It can take constant ambient temps of up to 1,100 degrees Fahrenheit, intermittent ambient temps of 2,000 degrees Fahrenheit. While Cold-Gold Tape™ is not *designed for direct heat contact* it can shield over 90 percent of radiant heat with a 1 inch space from the heat source.

FEATURES

- Capable of reflecting up to 90% of radiant heat
- Exclusive TruGold™ technology superior to “birthday balloon” gold materials
- Specially formulated fiberglass-based backing material also acts as a fire barrier for extra protection
- Cuts easily with scissors or utility knife
- All rolls 0.008” thick

PART NO.	DESCRIPTION
344002	1 1/2-in x 5 ft
344004	1 1/2-in x 20 ft
344008	2 in x 25 ft
344009	2 in x 50 ft
344014	4 in x 10 ft



Heatshield Armor Tape™



1100°F
CONTINUOUS



2000°F
INTERMITTENT

Heatshield Armor Tape™ is used to repair Heatshield Armor or HP Sticky Shield™. It may also be used on tight seams of Heatshield Armor as a cosmetic improvement, and can be added to the ends of the exposed insulation of HP Sticky Shield™ to further protect from the elements and extend the product's life. Heatshield Armor Tape™ can be used to shield radiant heat from components. The heavy-duty peel-and-stick adhesive will adhere to most clean surfaces. The Armor Tape™ is not intended to hold Heatshield Armor in place; it should only be used on the cold side of insulation for cosmetic reasons.

FEATURES

- Capable of reducing up to 90% of radiant heat
- Adhesive backing sticks to almost any clean surface
- Helps shield fuel lines, brake lines, wire looms and more from radiant heat
- May also be used to seal or repair HP Sticky Shield™

PART NO.	DESCRIPTION
179001	1-in x 39-in Roll
179002	2-in x 39-in Roll
179003	3-in x 6 in Roll
179005	2-in x 10 ft Roll



Cool Foil Tape™



1000°F
CONTINUOUS



2000°F
INTERMITTENT

Cool Foil Tape™ is a lightweight thermal-insulating tape that reflects radiant heat away from wires, lines, cables and more on your car, 4x4, motorcycle or just about anything. This tape is an excellent way to insulate components without disassembly, or be used as a means to finish off other forms of thermal insulation to prevent fraying. Cool Foil Tape™ is very economical compared to other forms of heat protective tape, and it cuts easily and has a self-adhesive backing that sticks to most clean surfaces. Cool Foil Tape™ withstands 1,000 degrees F of continuous radiant heat and up to 400 degrees F direct contact.

FEATURES

- Capable of reducing up to 80% of radiant heat
- Adhesive backing sticks to almost any clean surface
- Helps shield fuel lines, brake lines, wire looms and more from radiant heat
- May also be used to seal sleeving to hose or line



PART NO.	DESCRIPTION
340110	1-in x 10 ft
340210	2-in x 10 ft
340211	2-in x 150 ft

Thermaflect Tape™



1100°F
CONTINUOUS



2000°F
INTERMITTENT

Thermaflect Tape™ reflects up to 90 percent of radiant heat away from wires, lines, cables and hoses, protecting them from ambient heat, and it withstands 1,100 degrees F continuous radiant heat (requires minimum of 1 inch airspace) and 500 degrees F of direct contact. Thermaflect Tape™ insulates components without requiring disassembly for installation, or it can be used to hold other thermal-barrier products in place. Thermaflect Tape™ can also be used as a quick solution to radiant heat-damage problems – use it at a track to control a hot spot. Durable cloth construction makes it last longer than similar products. Thermaflect Tape™ is easy to cut and install, thanks to our high-temperature self-adhesive backing that sticks to any clean surface. Thermaflect Tape™ rolls are available up to 150 feet long, with minimum roll sizes applying. Thermaflect Tape™ is a must-have for your shop or racetrack toolbox.



FEATURES

- Capable of reducing up to 90% of radiant heat
- Withstands 1,100 °F continuous radiant heat (requires minimum of 1 inch of airspace) and 500 °F direct contact
- Adhesive backing sticks to almost any clean surface
- Helps shield fuel lines, brake lines, wire looms and more from radiant heat

PART NO.	DESCRIPTION
340001	1 1/2-in x 3 ft Roll
340020	1 1/2-in x 20 ft Roll
340250	2-in x 50 ft Roll
340410	4-in x 10 ft Roll
721150	12-in x 50 ft Roll

HP Shrink™



1800°F
CONTINUOUS



2500°F
INTERMITTENT

Let everyone know you use high quality US made heat shield sleeving with this sealing heat shrink! Our HP Shrink seals are extra flexible and have low shrink temperatures making them ideal to seal off any high temperature sleeve! The very flexible polyolefin tubing has a 3:1 shrink ratio and meets all AMS-DTL-23053/5C, UL and CSA specifications. HP Shrink is a great alternative to zip ties, tape, and provides a clean, tight seal with a professional look. Sealing the ends of any heat shield sleeve, improves the efficiency and prevents hot air from working its way in between your hose or wire. We offer them in black with yellow logo in diameters of 1/2, 3/4, 1 1/2, and 3-inch to fit whatever you need. Shrink and seal your way to optimize the performance of your heat shield sleeve.



FEATURES

- Very flexible polyolefin tubing
- Seals ends of heat sleeve for maximum efficiency
- Has a 3:1 shrink ratio
- Meets all AMS-DTL-23053/5C, UL and CSA specifications

PART NO.	DESCRIPTION
353010	1/2-in id (10 pack)
353011	1/2-in id (25 pack)
353014	3/4-in id (8 pack)
353015	3/4-in id (16 pack)
353018	1 1/2-in id (4 pack)
353019	1 1/2-in id (8 pack)
353022	3-in id (4 pack)

HP Thermal Springs



1800°F
CONTINUOUS



2000°F
INTERMITTENT

Heatshield Products Thermal Springs can be used to hold your turbo heatshield or manifold shield in place. Constructed of 302 stainless steel, they are rugged, can handle high heat and are high strength. Use needle-nose pliers for installation.

FEATURES

- 302 stainless construction
- Holds turbo heatshields in place
- Installs with needle-nose pliers

PART NO.	DESCRIPTION
352002	2 spring kit; 2-in rest, max length 5.6 in



HP Tie Wire™



1800°F
CONTINUOUS



2500°F
INTERMITTENT

Secure your cool with Heatshield Products Tie Wire™. Use Tie Wire™ to secure insulation in hostile high-heat environments. Made from a 0.032-inch-thick 600 Inconel wire, it can sustain the heat and keep insulation secure. Use on exhaust and header wraps without having the look of a tie. You can also use it to secure Heatshield Armor™ to your exhaust system.

FEATURES

- Inconel
- 0.032-inch diameter
- Installs with needle-nose pliers

PART NO.	DESCRIPTION
354002	5 ft Roll
354003	10 ft Roll



COMPONENT-SPECIFIC HEATSHIELDS

What's better than awesome Heatshield Products to keep heat where it belongs? Component-specific heatshields that fit the parts you are trying to protect like a glove. These let you easily add a thermal-barrier to existing vehicle components to improve performance and to prevent components from failing in high-temperature environments.

We have created the component-specific heatshields from optimum materials from our arsenal of advanced technologies to best combat the type of heat that the component will likely be subjected to. From our HP Starter Shield™ to our Cool Can Shields™, we have you covered!

I-M Shield™

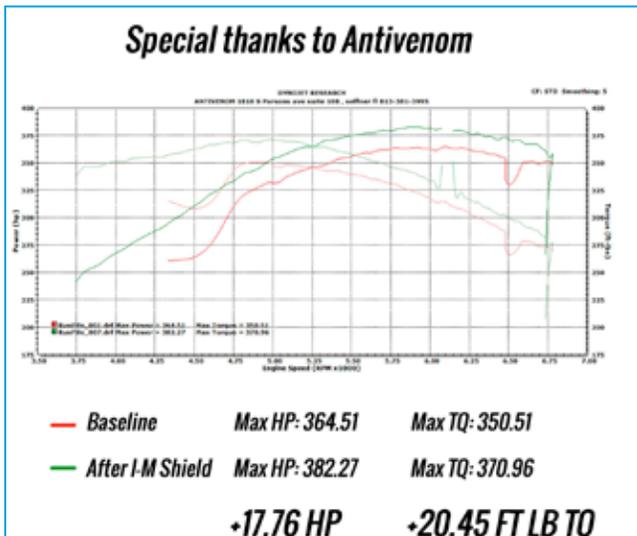


Simply the best dollar to RWHP product around! I-M Shield™ significantly reduces the amount of heat transfer from the top of the engine to the intake manifold, helping to reduce air-intake temperatures and increase horsepower. Lower air-intake manifold temperatures create a denser air/fuel mixture, creating more power. Heavy-duty adhesive will stick to any clean, semi-smooth surface. Simply degrease the surface, wipe with pre-paint cleaner or isopropyl alcohol, let it dry, then firmly press the I-M Shield™ onto the underside of the intake manifold. Use the provided edging tape to finish the installation. I-M Shield™ is available pre-cut for certain applications and in a universal kit that may be trimmed for a custom fit. Think of I-M Shield™ as an intercooler for your intake manifold, reducing the temperature of the air/fuel inlet charge for higher density and more power.



FEATURES

- Reduces the amount of heat transfer from the top of the engine to the intake manifold
- Adhesive good for 300° F
- Lowers intake temperatures for increased power



PART NO.	DESCRIPTION
140004	Universal kit, 28 in x 15 in
140007	5.0 Coyote 2011-14
140008	Boss 5.0 Coyote 2011-2014
140010	Ford Racing Cobra Jet Manifold
140011	Ford VooDoo GT350
140014	5.0 Coyote 2018 up
140020	97-2007 LS1, LS2, LS6
140021	LS3, stock manifold
140022	LS7, stock manifold
140023	LSX FAST manifold
140025	LT4
140031	Holley LS Hi-Ram - All
140041	JK 2013-18 3.6L Pentastar
140080	Subaru 2014-18 2.0

Lava Oil Filter Shield™



Oil filters are often located in close proximity to hot headers in an area of the vehicle that doesn't get much air movement. The new Lava Oil Filter Shield™ from Heatshield Products can help you avoid cooking the oil filter and the oil running through it while protecting the filter from road debris.

Lava Oil Filter Shield™ protects the oil filter from ambient heat and road debris by encasing the oil filter in the proprietary Lava Cool™ volcanic rock fiber-based thermal barrier material. The specially designed cover slides over the filter snugly and is held in place by magnets so it won't slip off, which also allows it to be removed when necessary. The magnets are effective at trapping metal debris inside the oil filter, further improving the filtration and offering your engine more protection. The Lava Oil Filter Shield™ can withstand constant temps of 1,200-degrees Fahrenheit and intermittent temps up to 2,000-degrees. It is oil, solvent and water resistant.



High heat generated by the exhaust system can saturate the oil filter, which adversely affects the temperature of the oil running through the filter, as well as the filter internals. In addition, the usual mounting location of the oil filter exposes it to road debris that gets kicked up under the vehicle and can potentially puncture the filter, cause oil loss and engine failure. Lava Oil Filter Shield™ protects the oil filter from heat and road debris.

FEATURES

- Special design allows for easy install and removal allowing reuse after oil changes
- Includes magnets which holds the shield in place and trap metal debris in the filter
- Water, oil, acid, and solvent resistant

PART NO.	DESCRIPTION
504701	Fits Ford Mod Motor/Late Model CHRY/Dodge Hemi Fram PH2 or equivalent
504702	Fits Early Ford/GM V8, Fram PH8A/PH5 or equivalent
504703	Fits LS, LT1, LT4 Series PH3506 or equivalent
504704	Fits 5.0 Coyote, Fram PH10575 or equivalent



Catch Can Shield™



Increase PCV efficiency and reduce the amount of oil vapor ingested by your engine with the Catch Can Shield™ from Heatshield Products.

A catch can system helps keep the engine from re-ingesting oil vapor that's being vented by the PCV system during engine operation. When sucked through the intake, this oil vapor bathes the intake ports, intake valves and combustion chamber; when heated and burned, carbon buildup in the intake system will drastically increase. This could hurt engine performance and lead to detonation/knocking and also inhibit the air/fuel mixture flow over the intake valve. Emissions increase as well.

The Catch Can Shield™ is designed to keep the oil catch can cool by preventing it from being heated by ambient engine heat and direct exposure to sunlight, in the case of dragsters and other vehicles with open-air engine compartments. By keeping the catch can cooler—and, as a result, the air inside—the oil vapor mixture entering the can is better able to fall out of suspension faster, decreasing the amount of oil sucked back into the intake system. This means less carbon buildup, reduced the chance of carbon hotspots causing detonation in the engine, cleaner intake valves and less fouling on spark plugs.

The Catch Can Shield™ uses a specially designed, heat-resistant self-adhesive, so no clamps are needed for installation. Clean the surface of the catch can with a good solvent to rid it of any oil or other residues, then stick it on and you're ready to go.



FEATURES

- Keeps the catch can cool so oil vapor will fall out of suspension faster
- Helps reduce amount of oil vapor ingested into engine through the intake PCV system
- May reflect over 90 percent of radiant heat
- Made in the USA

PART NO.	DESCRIPTION
140401	7 inches x 12-inches

NOMAR™ Carbon Fiber AN Wrenches

Heatshield Products NOMAR™ Carbon Fiber AN Wrenches are probably the coolest AN wrenches ever made. Now you can tighten aluminum AN hose-end fittings properly and without fear of scratching and ruining the anodized finish.

Regular AN wrenches are made from aluminum or similar alloys. While these are gentler than standard wrenches, they can still scratch and ruin the finish of AN fittings while trying to tighten them to proper torque spec. Heatshield Products NOMAR™ wrenches combine a unique design with carbon-fiber construction to virtually eliminate the possibility of scratching aluminum AN fittings. NOMAR™ wrenches are feather-light, so carrying them on your person or in your toolbox adds minimal weight.

The unique Heatshield Products Carbon Core technology gives NOMAR™ wrenches the ability to take up to one and a half times the torque necessary to properly tighten the various sizes of AN fittings. Every NOMAR™ wrench has a magnet built into it, making for easy storage on the side of a steel toolbox, workbench or nearly anywhere.

Heatshield Products NOMAR™ wrenches are available individually or in a complete set.



FEATURES

- Lightweight carbon-fiber wrenches feature impressive strength but won't scratch or mar finish on AN fittings
- Built-in magnet makes for easy storage and accessibility in any shop/track environment
- Available in -6, -8, -10 and -12 AN fitting sizes

PART NO.	DESCRIPTION
940011	NOMAR™ AN Wrench -6/-8 Combo
940012	NOMAR™ AN Wrench -10/-12 Combo
940013	NOMAR™ AN Wrench Set (both Wrenches)

FR Shields™



FR Shields™ prevent radiant heat from soaking the fuel rails. These will improve performance and help reduce instances of pre-ignition. We all know the benefits of keeping the fuel that's headed into the engine cool, but fuel-injected vehicles also need to keep the fuel returning to the gas tank or fuel cell cool. Over a long-distance race, hot fuel returning to the fuel cell can really heat it up, so keeping fuel temps down while returning to the fuel cell can be almost as vital as keeping the fuel delivered to the engine cool. When the warm fuel returns to the fuel cell, it will heat up the fuel in the cell, which causes it to change the chemical balance of your fuel, greatly affecting the existing tune settings. Keeping fuel cool helps to preserve the chemical balance of the fuel and maintains maximum efficiency. FR Shields™ are available in kits to fit either single- or dual-rail systems.



FEATURES

- Reduces fuel temperatures
- Improves performance
- Helps prevent pre-ignition
- Easy to install

PART NO.	DESCRIPTION
700270	Universal kit for 1 rail
700271	Universal kit for 2 rails

HP Starter Shield™



HP Starter Shield™ prevents starter failure caused by excessive heat exposure. Using an HP Starter Shield™ also protects the solenoid and starter from starter heat lock. Quality construction and design allow for easy installation: Simply wrap the HP Starter Shield™ around the starter and fasten with the built-in hook-and-loop fasteners. Starter removal is not necessary for most applications, and two different sizes are available, eliminating the need for trimming. Our 500025 HP Starter Shield™ is recommended in applications where there is less than 1-inch air space between the starter and heat source.



FEATURES

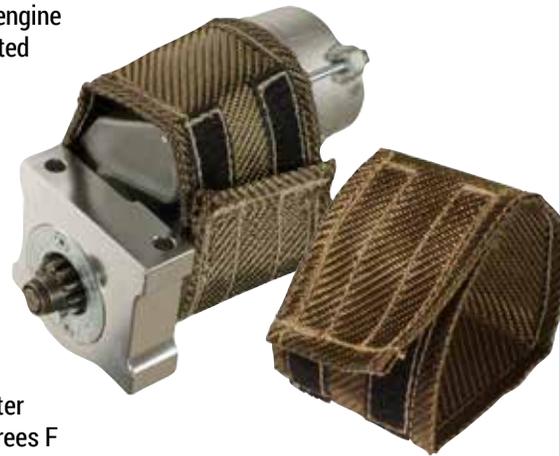
- Prevents starter heat soak
- Easy installation; starter removal is not necessary
- Extends the life of starter motors and solenoids

PART NO.	DESCRIPTION
500025	Medium Size Starters; 7 in x 21 1/4-in- double insulated
501000	Medium Size Starters; 7 1/4-in x 21 3/4-in
501010	Small High-Torque Starters; 3 1/2-in x 18-in

Lava Starter Shield™



Heatshield Products Lava Starter Shield™ is specially engineered to protect the engine starter and starter solenoids from damaging heat. These components are mounted in the hottest part of the engine bay. Lava Starter Shield™ is made using the Heatshield Products patented and proven crushed volcanic rock fiber. This is an ideal thermal barrier when there is less than 1 inch of airspace between the starter and heat sources, such as headers, but also works great when there is more airspace. Lava Starter Shield™ does not conduct electricity, unlike nearly all competitive thermal barriers. That means you do not have to worry about an electrical short occurring with exposed starter terminals coming in to contact with the shield.



Protecting the starter motor and solenoid from excessive heat will extend the life of these products, improve starter-cranking performance when hot and reduce electrical amp draw while starting under hot conditions. Lava Starter Shield™ protects the starter from constant temperatures as high as 1,200 degrees F and short-term temps as high as 2,000 degrees F.

Lava Starter Shield™ is easy to install and typically does not require starter removal. Using heat-resistant and durable hook-and-loop fasteners, Lava Starter Shield™ is wrapped securely around the starter and will not come off when subjected to engine and driving vibrations. This allows for easy removal for engine servicing. Made in the USA, Lava Starter Shield™ is the best way to protect the starter motor and solenoid from damaging heat, preventing costly and inconvenient starter failures from ruining your day. It also has a cool carbon-fiber appearance.

FEATURES

- Capable of withstanding 1,200° F continuous and 2,000° F intermittent ambient temperatures
- Easy installation
- Protects mounts from heat damage
- Volcanic rock fiber is chemical and water-resistant
- Not electrically conductive

PART NO.	DESCRIPTION
501070	Big-body starters
501071	Small high-torque starters

Lava Motor Mount Shields™



Designed with the most extreme engine-compartment environments in mind, Heatshield Products Lava Motor Mount Shields™ install in minutes, and usually do not require removal of the mount for installation. Most modern O.E. engine mounts are made from rubber with an internal, liquid-filled bladder that helps to dampen vibrations transmitted from the engine/drivetrain through the frame and into the passenger cabin. These mounts have a finite lifespan, and when they fail, they typically rupture and cause a severe harmonic harshness inside the vehicle and can also cause damage to the driveline.



Lava Motor Mount Shields™ wrap around any factory or aftermarket motor mounts, creating a massive thermal and acoustic barrier that protects the mounts from engine and exhaust heat, along with other ambient elements that can reduce the longevity of the mounts. Made from crushed, melted and then fibered volcanic rock, Lava Motor Mount Shields™ can be used on both street and strip applications, allowing owners with high-horsepower engines to install motor mounts strong enough to withstand torque and horsepower, while offering a vibration-free and smooth feeling similar to an O.E. mount. Designed to withstand continuous temperatures of 1,200 degrees F, Lava Motor Mount Shields™ are water-, chemical- and even acid-resistant.

FEATURES

- Made from specially processed and formulated volcanic materials for continuous heat protection up to 1,200° F
- Installs easily; no tools required for most applications
- Helps to avoid need for solid motor mounts due to excessive engine compartment heat
- Resistant to water, chemicals, solvents and acids

PART NO.	DESCRIPTION
503010	LS3/7 Motor Mount Shield

Cool Can Shields™



HP Cool Can Shields™ act as a UV heatshield for your fuel container or jug, and protect its contents from solar radiation that causes the contents to get hot. Fabricated from a lightweight aluminized material, HP Cool Can Shields™ help keep the fuel inside the jug cool, reducing evaporation while maintaining the fuel's chemical balance; important for any fuel and critical with racing fuel. Jugs covered with HP Cool Can Shields™ have cooler fuel temperatures by as much as 20 degrees versus unprotected fuel containers. In addition, HP Cool Can Shields™ will also increase the life expectancy of the fuel jug by 50 percent by significantly reducing UV sun damage.

FEATURES

- Reflects solar radiation, keeping fuel cool and stable while preventing evaporation
- Cooler fuel temperatures by as much as 20 degrees
- Keeps fuel's chemical balance intact and within spec
- Increases fuel jug life by 50 percent through significantly reduced UV exposure



PART NO.	DESCRIPTION
900210	Scribner® 5 gal. square-can heatshield
900211	VP® 5 gal. round-can heatshield
900212	VP® 5 gal. square-can heatshield
900213	54 gal. fuel-drum heatshield
900215	Hunsaker® 11 gal dump can



IGNITION HEAT SHIELDS

Heatshield Products thermal-barrier ignition products help protect various ignition-system components from damaging underhood heat that can hurt performance and reduce their operating life. From the custom-colored heatshield boots to the extreme stainless steel spark plug boots, all are designed to keep your ignition system operating at peak performance, reduce ignition-system failures and extend the ignition system component life.

Spark plug boot	Insul-Boot™	Good
	Lava Boot Shields™	Better
	HP Boots™	Best
LSX applications	Lava Boot Shields™	Best

Lava Boot Shields™



Heatshield Products Lava Boot Shields™ feature a no-fray cuff with a flexible dual-wall high-temperature basalt sleeving with a 1,200-degree F working temperature that prevents plug and wire burnout even in the most demanding ambient heat applications. Lava Boot Shields™ help eliminate misfires caused by plug-wire and spark plug boot burnout, helping prevent critical engine damage and loss in performance from a cylinder not firing. In addition, Lava Boot Shields™ protect your wires and boots from being damaged by excessive engine and exhaust heat. The universal design fits most boot sizes and angles, including 90-degree boots. We have standard sizes, which are a great fit for most engine applications, and our 8-inch-long 1-1/4-inch internal diameter Lava Boot Shields are great for LS engines.



FEATURES

- Reflects and dissipates heat up to 1,200° F
- Expands and stretches over irregularly shaped spark plug boots
- Soft, very flexible/easy to handle and install
- Designed for a variety of engine applications
- Wall thickness over 0.050 inch

PART NO.	DESCRIPTION
400702	1-in id x 6 in, 2 pack
400708	1-in id x 6 in, 8 pack
400722	1 1/4-in id x 8" long, 2 pack
400728	1 1/4-in id x 8" long, 8 pack

HP Boots™



HP Boots™ are heavy-duty spark plug boot shields designed to protect your engine and expensive plug wire sets. Featuring 304 stainless steel and silica insulator construction, HP Boots™ are capable of withstanding 1,800 degrees F continuous ambient heat. HP Boots™ come in two configurations: 135 degree and 90 degree.

FEATURES

- Withstands up to 1,800° F
- Two different configurations: 135° and 90°
- 304 stainless steel and ceramic insulator construction



PART NO.	DESCRIPTION
420101	135° Plug Boot Shield (1)
420102	90° Plug Boot Shield (1)

Insul-Boot™



Insul-Boot™ spark plug boot heat socks protect plug wires from ambient heat exposure and damage up to 1,200 degrees F, extending wire life while also increasing ignition-system performance through reduced wire resistance. Insul-Boot™ prevents misfires caused by plug-wire burnout, helping prevent critical engine damage and performance losses. The double-wall construction provides superior ambient heat protection, while special coatings reflect and dissipate heat. The universal design fits most spark plug boot angles, and Insul-Boot™ is available in four colors: tan, red, blue, and black. Installation is easy and will not hinder spark plug changes.

FEATURES

- Reflects and dissipates heat
- 1-inch internal diameter fits most spark plug boot angles
- Double-wall construction
- Can withstand up to 1,200° F ambient heat



PART NO.	DESCRIPTION
400200	Tan/Beige, 1-in id x 6 in L, 2 pack
400201	Red, 1-in id x 6 in L, 2 pack
400202	Blue, 1-in id x 6 in L, 2 pack
400204	Black, 1-in id x 6 in L, 2 pack

PART NO.	DESCRIPTION
400800	Tan/Beige, 1-in id x 6 in L, 8 pack
400801	Red, 1-in id x 6 in L, 8 pack
400802	Blue, 1-in id x 6 in L, 8 pack
400804	Black, 1-in id x 6 in L, 8 pack

SOUND AND INTERIOR INSULATION

Sound deadeners are a dime a dozen, so what makes the Heatshield Products acoustical insulation materials so special? While other companies have focused on their marketing, we have focused on getting you the right product for the right problem. Noise inside a vehicle is caused by multiple sources, so a one-product-fits-all approach won't work.

We offer lightweight, high-tech products to solve your acoustical problems. You don't have to add 500 pounds of dead weight to your ride to reduce noise: by using the Heatshield Products acoustical damping materials, you can make your ride quiet without turning it into a whale. Stick-on foil dampers work well with low- to moderate-frequency sound waves generated by vibrations that originate within the vehicle, but are ineffective dampers of road noise. Road noise is a higher frequency than what most acoustical dampers are designed to suppress, and is best stopped by closed-cell foam products with a hard vinyl barrier that functions as a sound barrier, not a sound damper.

Fire wall, floorpan, transmission tunnel, wheel wells, trunk	db Skin™, db Suppressor™	Good
	db Sniper™	Better
	1 coat db Skin™ & db Sniper™ or db Armor™ & Stealth Shield™	Best
Doors	db Suppressor™	Good
	db Defender™, db Suppressor™	Better
	db Skin™, 1 coat on outer door skin or db Armor™ and db Defender™ on door panel	Best
Roof	db Suppressor™	Good
	db Skin™, db Suppressor™	Better
	1 coat db Skin™ or db Armor™ & Stealth Shield™	Best

db Stealth Armor™

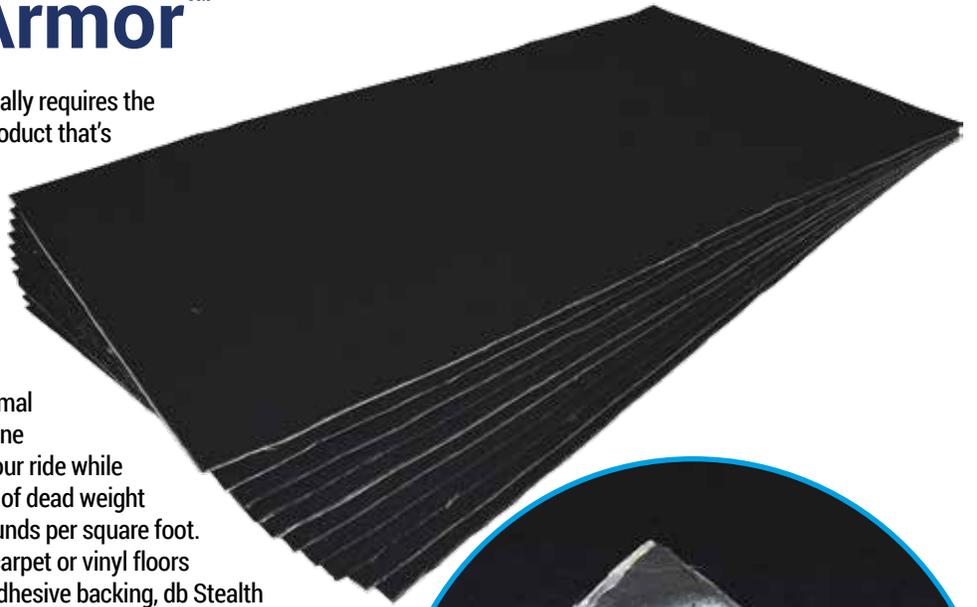
Controlling heat and sound inside a vehicle usually requires the installation of two separate products, or one product that's bulky and also heavy. Adding dead weight is never a good thing, especially if the vehicle in question is going to be hitting the track. And having to do twice the work means less time to have fun and enjoy the fruits of your labor.

db Stealth Armor™ combines the acoustic damping properties of db Armor™ with the thermal barrier properties of HP Stealth Shield™, so in one installation you can quiet things down inside your ride while keeping the heat out. AND without adding a lot of dead weight since db Stealth Armor™ only weighs 0.652-pounds per square foot. Being only .176-inches thick, it also fits under carpet or vinyl floors without causing fitment issues. Thanks to its adhesive backing, db Stealth Armor™ is easy to install on floor pans, trunks, firewalls, roof panels, you name it. And cutting the material to fit a certain space/size is no problem either.

FEATURES

- Power of db Armor + HP Stealth Shield
- Won't turn your ride into a pig as it quiets noise and ACTUALLY reduces heat
- Weight: 0.65 lbs. per square foot
- 0.176 in thk

PART NO.	DESCRIPTION
040082	21.5-in x 39-in, 5 pack - 29 ft ²
040084	21.5-in x 39-in, 10 pack - 58 ft ²



HP Stealth Shield™



SOUND & INTERIOR INSULATION

Heatshield Products Stealth Shield™ is the only product engineered and proven to reduce heat from inside your vehicle. HP Stealth Shield™ uses proprietary technology developed for Heatshield Products welding blankets. This results in a revolutionary product that's only 1/8 inch thick. It is designed to mount inside your vehicle atop the floor or sound-deadener product to protect you from heat radiating from the engine and exhaust. This specially engineered mat is extremely efficient at dissipating heat. HP Stealth Shield™ will fit underneath carpet without causing fitment issues. Put HP Stealth Shield™ on the floorpan, db Armor™, db Suppressor™, db Skin™ or other sound-dampener material. That's right – it easily installs on top of a sound deadener. It is capable of withstanding a continuous 1,800 degrees F, so it is more than ready to handle anything your floorboards and interior are subjected to. HP Stealth Shield™ may also be used on the roof and above the headliner using adhesive spray.

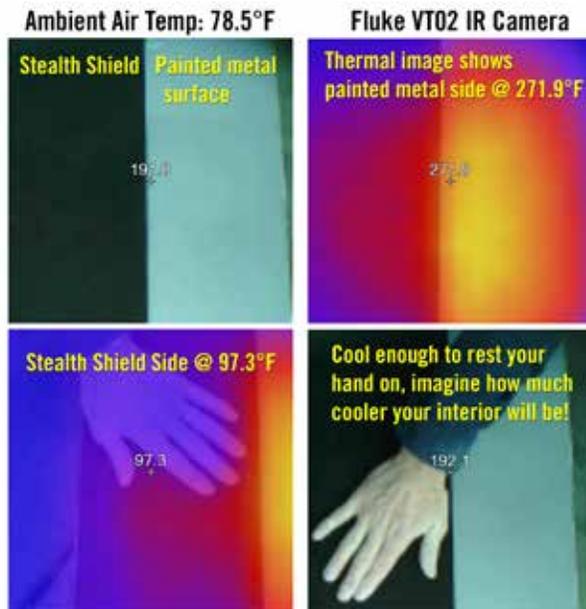
Please note: HP Stealth Shield™ is to be used underneath a carpet or above the headliner. It should not be used by itself without a cover. The black fibers may get on your hands and clothes, but will not make your skin itch. In addition, constant abrasion will cause the product to wear out.



FEATURES

- Capable of reducing interior temperatures by as much as 40%
- The only heatshield engineered and proven to reduce heat from inside your vehicle
- Only 1/8 inch thick; minimal impact on carpet fitment
- Can be sewn into a headliner

PART NO.	DESCRIPTION
810001	1/8-in thk x 24-in x 53-in
810002	1/8-in thk x 48-in x 53-in
810003	1/8-in thk x 53-in x 10 ft



db Armor™

Heatshield Products db Armor™ is a superior sound deadener that raises the bar in the industry. It is thinner and lighter than comparative products and delivers triple the sound-deadening performance!

Addressing one of the biggest compromises that car builders face when adding sound deadener, db Armor™ is 20 percent lighter than comparable sound-deadening products. Heatshield Products has accomplished the weight reduction while improving sound-deadening capability, delivering three times the sound-deadening performance of similar products. The db Armor™ is even one and a half times more effective than the highest-rated sound-deadening products on the market!

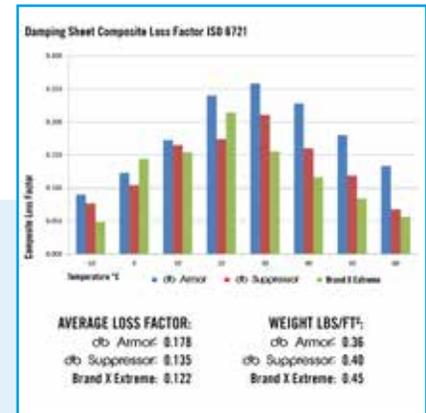
At only .051-inch (6 mil) thickness, db Armor™ can be applied in even the tightest spaces, and it can be adhered to steel, aluminum, finished fiberglass and plastic. db Armor™ acoustical energy suppression capabilities rival that of standard sound-barrier materials. Applying db Armor™ to any steel, aluminium, plastic or finished fiberglass surface will decrease structural resonance, producing a tighter, quieter and more comfortable ride. In addition, its adhesive backing provides solid and worry-free attachment.



FEATURES

- 30% thinner and 20% lighter; provides superior sound-deadening capability than most products
- Lightest weight material with the thickest aluminum damping layer currently available
- Weight: 0.39 lbs per square foot
- 0.052 inch thick

PART NO.	DESCRIPTION
040012	21.5-in x 39-in, 2 pack
040013	21.5-in x 39-in, 5 pack
040014	21.5-in x 39-in, 10 pack



db Headliner Kit™

The db Headliner Kit comes with specially developed and trademarked thermal and acoustic barriers. It includes Heatshield Products db Skin™ which is a lightweight liquid acoustic-barrier material to dampen the resonance of the roof for a quieter ride. It also includes Heatshield Products Stealth Shield™, which is a thermal-barrier material that blocks the transfer of heat from the roof to the interior. This can be a significant improvement for classic vehicles without air conditioning, especially during summer cruising and show months. For vehicles with air conditioning, a cooler interior means the A/C won't have to work as hard, and it will be more efficient. Stealth Shield and db Skin add minimal weight, so there are no adverse vehicle performance effects, as opposed to stick-on thermal and acoustic barrier sheets, which add significant weight above the vehicle's center of gravity. Both the db Skin and Stealth Shield also are easier install than the stick-on sheets, which can be difficult to cut and to fit to the shape and structure of the roof. The easy-to-install db Headliner Kit requires only a basic paint brush or roller and a high-quality spray adhesive.



FEATURES

- Helps significantly lower interior noise and temperatures
- Does not add dead weight above the center of gravity
- Won't affect headliner fitment
- Made in the USA

PART NO.	DESCRIPTION
040170	1/2 gal db Skin, 48 in x 53 in Stealth Shield

db Defender™

db Defender™ is a thin, lightweight, highly mold-able vibration damping material that consists of vinyl-based sheets designed to mold and conform to irregular surfaces to achieve 100 percent bond, maximizing damping performance. It will stretch up to 40 percent to make an irregular surface appear as if it has been dipped in plastic. db Defender™ has twice the dampening and less than half the weight of asphalt dampening materials, and with the ability to handle continuous temperatures up to 250 degrees F. db Defender™ consists of a proprietary component blend in a lightweight vinyl carrier engineered to convert structural resonance (vibration) into low-level heat through friction. The friction is created from each proprietary component blend coming in contact with one another as the substrate (or panel) vibrates. db Defender™ is ideally suited to create or replace a vapor barrier behind an interior door panel, and is much more dense and rugged than the flimsy plastic or wax paper material provided by many O.E.s. This makes db Defender™ far more capable of blocking airborne sound that normally enters the vehicle via the doors. It also blocks speaker backwave and prevents acoustical short circuits, improving audio system performance by eliminating the conversion of sound energy into vibration energy, giving your speakers cleaner, crisper sound.



FEATURES

- Twice the damping and less than half the weight of asphalt damping materials
- Heat-moldable, giving a “dipped in plastic” appearance
- Handles continuous temperatures up to 250° F
- Paintable for the ultimate O.E. look
- 0.045-inch-thick vinyl vibration damping sheet



PART NO.	DESCRIPTION
040051	37" x 54-in (usually covers 1 set of doors)
040052	37" x 54-in 2 pack

db Skin™

db Skin™ is a water-based, air-curing, sprayable vibration damping compound that bonds well to sheet metal, wood, plastic and fiberglass surfaces. Its proprietary blend of silica-mica and ceramic suspended in advanced chemical binder greatly reduces structural resonance and vibration. db Skin™ effectively dampens vibration in a variety of substrates (panels) over a wide frequency range (10 to 40 KHz), and allows you to cover large surface areas very quickly when using a spray gun, brush or roller. When the product is wet, it is purple, and as it cures it will change to black. db Skin™ can also be used on smaller areas, such as outer door skins and above the headliner. It can also be used to improve the performance of speaker enclosures of all types, and on the inside of outer body panels. In wood enclosures, db Skin™ will soak into the wood and seal up pores, seams and gaps between the panels, giving an additional 3 decibels of sound damping. It will acoustically dampen fiberglass and plastic enclosures extremely well. When db Skin™ cures, it creates an impedance mismatch that results in an increase in overall output by 1 to 3 decibels, almost doubling amp power and output. No special tools are required to install db Skin™; however, a “shutz” spray gun will save a significant amount of installation time. db Skin™ may also be applied with a paint brush or roller, and it cleans up easily with warm water before drying. db Skin™ is best suited for vehicles where the interior is gutted.



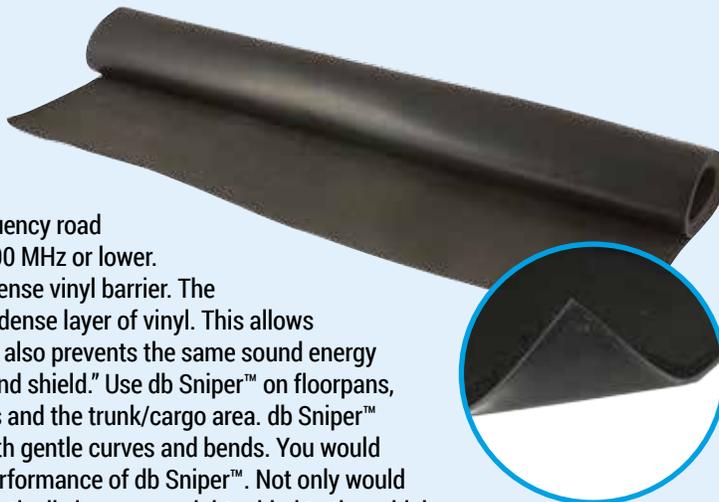
FEATURES

- Can be applied with a sprayer, brush or roller
- Lightweight alternative to asphalt products
- Covers large surface areas quickly
- Increases performance of speaker boxes, amps and other sound-system enclosures

PART NO.	DESCRIPTION
040101	1 gal coverage approx. 30 ft²
040102	5 gal coverage approx. 150 ft²
040103	2 gal coverage approx. 60 ft
040105	1/2 gal covers approx. 15 sq/ft

db Sniper™

At only a ¼ inch thick, db Sniper™ is the premier product to block road noise in your vehicle. db Sniper™ is a composite product engineered to block and reflect high-energy, low-frequency road noise and airborne sound across a wide frequency range of 200 MHz or lower. It consists of a closed-cell neoprene foam layer bonded to a dense vinyl barrier. The neoprene foam layer creates an “air-spring” that floats on the dense layer of vinyl. This allows for the proprietary vinyl to reflect high-energy sound waves. It also prevents the same sound energy from passing through the dense layer, creating a “floating sound shield.” Use db Sniper™ on floorpans, firewalls, trunk floors, package trays, rear panels of truck cabs and the trunk/cargo area. db Sniper™ performs best when it can be used on flat panels or panels with gentle curves and bends. You would need 4-6 layers of vibration dampening sheets to equal the performance of db Sniper™. Not only would that increase the cost and installation time, but it would dramatically increase weight added to the vehicle. Save yourself a lot of time, money and hassle by using a dedicated “floating” barrier material like db Sniper™.



FEATURES

- Stops road noise—equivalent to 4-6 layers of damping sheet
- “Sonic shield wall” reflects and stops sound waves
- 0.250 inch thickness
- Weighs 1 lb per square ft

PART NO.	DESCRIPTION
040021	37-in x 54-in
040022	37-in x 54-in, 2 pack



db Gasket™

db Gasket™ is a thin, closed-cell urethane foam designed to act as a buffer (or gasket) between independently vibrating components to eliminate squeaks, rattles and buzzes. It is ideal for speaker installations, providing a crisper, cleaner sound, and can be used to help vibrating linkage rods for door handles and locking mechanisms. db Gasket™ features an aggressive, modified acrylic adhesive that is impervious to water and harsh chemicals, making it suitable for exterior applications. db Gasket™ can be used like an O.E. product for license-plate brackets, taillights, headlights, window regulator mounts, bumper mounts and more.



FEATURES

- Impervious to water and harsh chemicals
- Modified adhesive sticks to most surfaces
- Closed-cell urethane foam design
- Lightweight with 0.125-inch thickness
- Dampens vibrations in linkages and actuating rods



PART NO.	DESCRIPTION
040060	10-in x 10-in 4 pack



HEATSHIELD WELDING PRODUCTS

It didn't take too long for us to realize that in addition to helping you tame and manage the heat in your vehicle, our products can also be used to abate heat in your welding projects. We've engineered a number of proprietary materials to tackle the most common issues that professional and hobby welders encounter. We also listened to welders, in addition to drawing from our own experiences, to create unique products to help make welding more comfortable, more productive and safer.

HP Welding Pillow™



500°F
CONTINUOUS



SLAG
INTERMITTENT

The HP Welding Pillow™ prevents fatigue while performing extensive welding. Featuring an outer layer of our HP Weld Mat™ or RugGold Mat™, these pillows are abrasion-resistant and resistant to liquid, equaling a long life. The Welding Pillow™ also provides protection against metal splashes, flames, sparks and ultraviolet radiation, while the inner non-flammable fiberglass insulation provides comfort. For welding and manufacturing, you can improve worker efficiency by reducing fatigue; the pillow helps steady the hand because of the increased comfort and reduction in strain. Available in both the gray HP Weld Mat™ and our exclusive RugGold™ Mat both can be cleaned with a diluted bio-degradable de-greaser.



FEATURES

- Less fatigue means better welds
- Great for under-vehicle repairs

PART NO.	DESCRIPTION
932001	10-in x 10-in x 3-in Gray
932002	12-in x 18-in x 3-in Gray
932004	24-in x 36-in x 3-in Gray
932011	6-in x 4.5-in x 3-in Gold Wrist Pillow
932012	10-in x 8-in x 3-in Gold
932013	12-in x 12-in x 3-in Gold

Glove Armor™



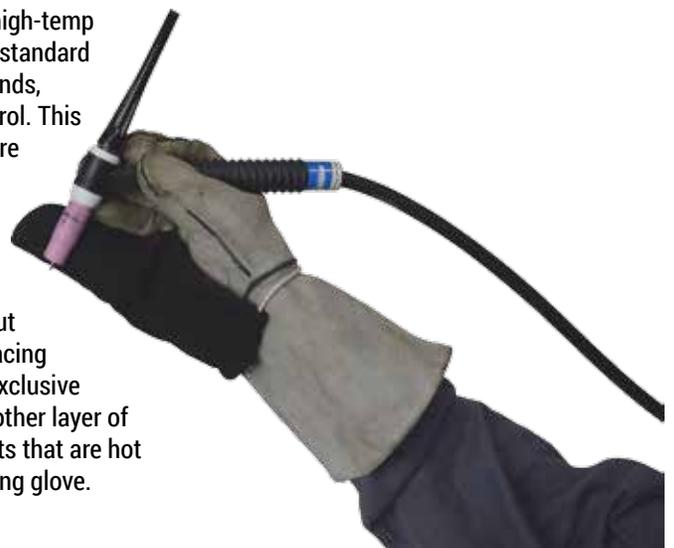
1800°F
CONTINUOUS



2200°F
INTERMITTENT

Heatshield Glove Armor™ gives your hands extra protection during high-temp TIG welding jobs. The Glove Armor™ TIG finger shield fits over most standard welding gloves, providing extra protection for the outside of your hands, pinkie and wrist letting you weld longer with more comfort and control. This allows you to stay in the "dime zone" longer for better welds and more efficient welding work.

Glove Armor™ slides over your glove and secures around your wrist with a sturdy strap. This TIG finger heat shield is designed to withstand extreme heat (constant 1800F, intermittent 2200F) without melting onto the surface. The HP Felt is extremely efficient at displacing thermal energy. The "Gold Finger" version has an inner liner of our exclusive RugGold™ shield, this gives it a little more grip to your glove and another layer of protection. Glove Armor™ also allows you to brace your hand on parts that are hot enough to cause burning to your skin even through the typical welding glove.



FEATURES

- Protects pinkies and sides of hand
- Fits over most welding gloves
- Less fatigue means better welds

PART NO.	DESCRIPTION
932021	Black
932022	Black & Gold

HP Torch Blanket™



HP Torch Blanket™ makes it convenient to perform repair welds on industrial equipment and vehicles without disassembly. This can reduce production downtime by not having to turn off equipment, or return vehicles to the shop, saving time during race preparation. The blanket can even be used as a blaze barrier for welding pipes or tubes together. HP Torch Blanket™ is made of our Stealth Felt, making it more durable and longer lasting than traditional welding blankets (up to 10 times more compared to leather blankets). We have included brass grommets at the corners to make it handy to mount anywhere a quick repair is needed. You can even use the HP Torch Blanket™ as a blaze barrier when sweating or welding pipes around the house or on the construction site. The HP Torch Blanket™ is black with a dark gray binder, and is capable of withstanding 1,800 degrees F continuous heat. Custom sizes are available.



FEATURES

- Protects components while repairs are made
- The torch can touch the Torch Blanket™
- Makes it convenient to make repair welds on industrial equipment and vehicles without disassembly

PART NO.	DESCRIPTION
931018	18-in x 18-in w/ grommets
931019	18-in x 18-in

PART NO.	DESCRIPTION
931020	18-in x 18-in w/ key hole
931022	18-in x 18-in w/ magnets



HIGH PERFORMANCE INSULATION



Made in the USA
Established in 1985

Heatshield Products, Inc.

www.heatshieldproducts.com | info@heatshieldproducts.com | (760) 751-0441

Facebook: @HeatshieldProducts | Twitter: @HeatshieldProds

Instagram: @HeatshieldProducts | Google+: +HeatshieldProducts

#RaceTested

© Heatshield Products, Inc.