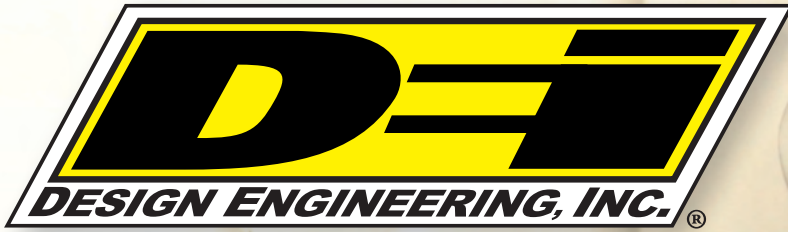


HEAT & SOUND CONTROL



AUTOMOTIVE POWERSPORTS MARINE INDUSTRIAL AVIATION HOTROD RACING

IMOD



I would like to start by congratulating the Design Engineering, Inc. team for a fantastic job over the first 20 years of our journey. It has been an incredible journey so far and I'll guarantee the best is yet to come!

As we move into a more mature phase of the company one thing has and will remain very steady- our commitment to INVEST! We are constantly looking to invest in new systems, revolutionary new products, brilliant people and comfortable, functional facilities. We continue to expand our advertising budget to drive awareness and demand for our product line to support those that support our brand. We continually strive to make DEI the easiest vendor on the line card with which to do business.

We make it a point never to lose sight of the fact that nothing happens until a consumer makes the decision to trust our brand and trade their hard earned money for a DEI product. We take this trust very seriously and work very hard to maintain our trustworthiness. In the rare instance a problem arises we work very quickly to solve the issue. We then analyze the situation to determine what went wrong and devise a way to make sure it doesn't happen again. There are many management terms for this type of problem solving - Constant Improvement, Total Quality Management- at DEI it's called PRIDE IN OUR WORK. We take it personally. It's not something that has to be written on the walls or printed on t-shirts because it's in our DNA. It's what we do!

As we begin the next chapter of our company history we look forward to continuing to help you, our customer, solve problems and celebrate success in your business ventures. Please keep the lines of communication open and let us know how we can better serve you.

Best regards,

David Markley, President, CEO

CUSTOM SOLUTIONS

For twenty years now Design Engineering has been known for producing exceptional quality heat control products primarily sold through the performance distribution system. But there's another facet of our business that we specialize in - working with other customers to help solve their heat and sound control problems.

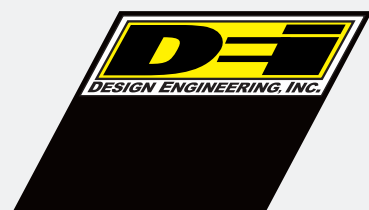
We work with these customers to define their problem, determine the correct materials necessary to handle their heat or sound control issues and work to design a solution. Our in house design team can quickly turn around first article prototypes for inspection, for fitment and evaluation purposes. Once a final design is tested and approved by the customer, production begins based on their requirements.

Over the years we have designed custom solutions for many industries and fields including, aviation, powersports, racing, marine and even, locomotive. We have also produced "build to spec" contract work for commercial, industrial and military related businesses to name a few. All of these businesses who decided to contact Design Engineering for heat and sound solutions have recognized our capabilities and ability to come up with correct and innovative products to solve a problem.

As we move forward we will be expanding this part of our business and will be investing additional resources and equipment to help us develop this growing segment. So if you become aware of, or you are in need for specialized and custom heat and sound control solutions, please be sure to let us know.

FIND US ON GSA ADVANTAGE # GS30F004CA

CUSTOM COVERS & SHIELDS CUSTOM HEAT SOLUTIONS





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RETAIL EXHAUST WRAP KIT

Everything needed to wrap a V8 header is included in a new retail clam package.



INCLUDES FREE LOCKING TIE TOOL!

FOR DETAILS ABOUT THE RETAIL EXHAUST WRAP KIT, SEE PAGE 11

JEEP® JK HEADER WRAP KIT

Prevents plug wire and boot melting when installing shorty headers.



FOR DETAILS ABOUT THE JEEP JK HEADER WRAP KIT, SEE PAGE 14

TITANIUM™ HEADER WRAP KIT

Complete TITANIUM header wrap kit.



INCLUDES FREE LOCKING TIE TOOL!

FOR DETAILS ABOUT THE TITANIUM EXHAUST WRAP KIT, SEE PAGE 11

JEEP JK BATTERY BOX HEAT SHIELD KIT

Protection for battery box and wire harness from extreme heat from headers.



FOR DETAILS ABOUT THE JEEP BATTERY BOX HEAT SHIELD KIT, SEE PAGE 14

LOCKING TIE TOOL

Easily get stainless steel locking ties tight & secure!



FOR DETAILS ABOUT THE LOCKING TIE TOOL, SEE PAGE 10

GT22 & T25/28 TURBO SHIELDS

Turbo shields for popular GT22 and T25/28 turbo housings now in Black and TITANIUM. Available as kits with pipe wrap & ties.



FOR DETAILS ABOUT THE GT22 & T25/28 TURBO SHIELDS, SEE PAGE 20 & 21

NEW PRODUCTS



TITANIUM OR SILICONE PROTECT-A-WIRE V8 KIT

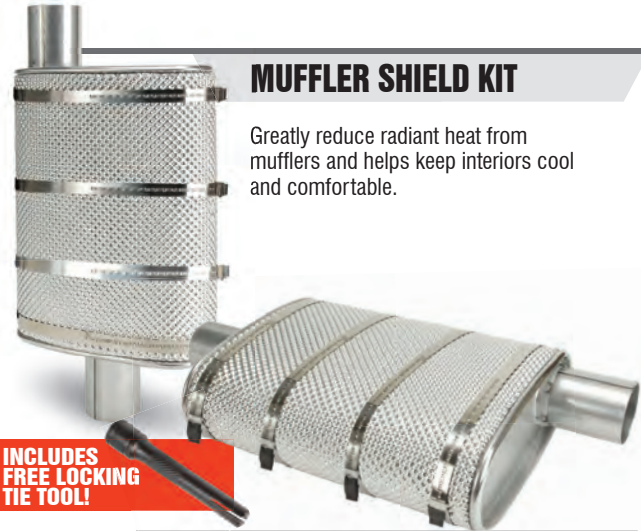


Black silicone wire sleeve to protect plug wires from engine heat. Sized perfectly for V8 engines.

INCLUDES
NUMBERED
SHRINK TUBE
ENDS TO LABEL
PLUG WIRES

FOR DETAILS ABOUT THE SILICONE PROTECT-A-WIRE V8 KIT, SEE PAGE 16

MUFFLER SHIELD KIT



Greatly reduce radiant heat from mufflers and helps keep interiors cool and comfortable.

INCLUDES
FREE LOCKING
TIE TOOL!

FOR DETAILS ABOUT THE MUFFLER SHIELD KIT, SEE PAGE 19

ULTRA 47™ TURBO SHIELD



Newest turbo shield offering! Aluminum impregnated glass fiber shell with a hi-temp Silica glass blend liner. Looks great and performs even better! Available in T-3 and T-4 turbo sizes.

FOR DETAILS ABOUT THE ULTRA 47 TURBO SHIELD, SEE PAGE 20

ONYX BLACK PIPE SHIELD



A combination of advanced textiles and a reliable standoff bracket design, out performs other conventional heat shields. Comes in a rich black finish.



Stainless Steel
Hardware



Surge Stitched
Edges

FOR DETAILS ABOUT THE ONYX BLACK PIPE SHIELD, SEE PAGE 11

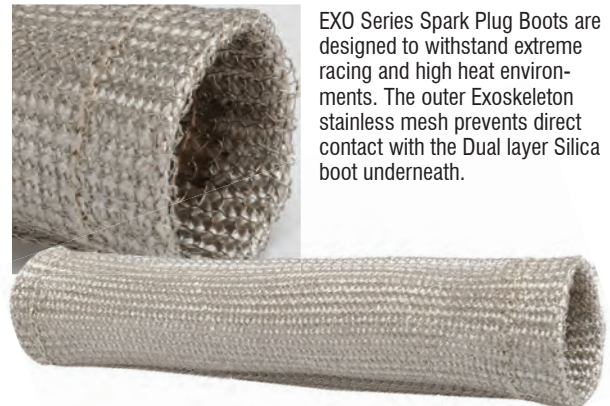
EXO SERIES™ HEADER & PIPE WRAP



The EXO Series exhaust wrap is a dual-layer design, using a combination of hi-temp glass fiber, covered with a 304 grade stainless steel exoskeleton. EXTREME use wrap!

FOR DETAILS ABOUT THE EXO SERIES HEADER & PIPE WRAP, SEE PAGE 9

EXO SERIES™ PLUG BOOTS



EXO Series Spark Plug Boots are designed to withstand extreme racing and high heat environments. The outer Exoskeleton stainless mesh prevents direct contact with the Dual layer Silica boot underneath.

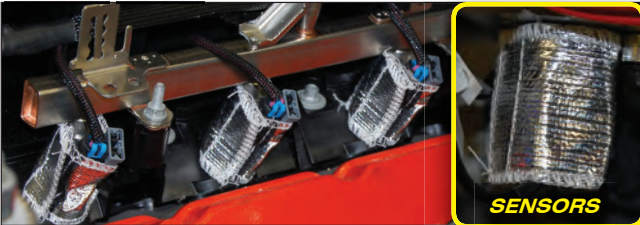
FOR DETAILS ABOUT THE EXO SERIES PLUG BOOTS, SEE PAGE 12





INJECTOR & SENSOR COVER

DEI's fuel injector and sensor covers wrap around injectors or sensors and reflect radiant heat away from them. Cooler fuel injectors operate more efficiently and will help prevent vapor lock and heat soak conditions.



FOR DETAILS ABOUT THE INJECTOR & SENSOR COVERS, SEE PAGE 22

JEEP® FUEL RAIL & INJECTOR COVER KIT

Reduce vapor lock, and rough running. Fits 1997-2004 JEEP models with inline 6 motor.



FOR DETAILS ABOUT THE JEEP FUEL RAIL & INJECTOR COVER KIT, SEE PAGE 14

QUARTER MIDGET FUEL LINE SLEEVING

Line sleeving to cover the fuel line on any Quarter Midget car. Meets USAC requirements for fire proof fuel line covering as stated in rule book.



Part # 010634

EGR COVERS

Protect 1985 through 1991 Corvette L98 EGR systems and nearby under hood components from damaging heat with the proper EGR Pipe Cover.



FOR DETAILS ABOUT THE EGR COVERS, SEE PAGE 22

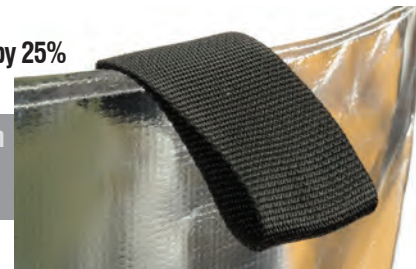
REFLECTIVE FUEL CAN COVERS

Keep fuel temperatures stable and extend the pot life of expensive race fuels with DEI's Reflective Fuel Can Covers. No more stuffing the cans under blankets or moving them around all day to avoid the sun. DEI Fuel Can Covers are designed to easily slip over standard 5 gallon metal cans, 5 gallon jugs and 54 gallon drums. These durable covers reflect away radiant heat and keep fuel cool!



Reduce fuel temps by 25%

Heavy duty sewn-in pull handles for easy removal



FOR DETAILS ABOUT THE REFLECTIVE FUEL CAN COVERS, SEE PAGE 22



BOOM MAT & BOOM MAT XL

We would like to introduce our new premium quality damping material in two new thicknesses; 2mm and 4mm. The 2mm version is 33% thicker than our original material. Boom Mat XL is 4mm thick and 166% thicker than our original damping material providing extreme noise damping for the most extreme commercial and sound competition applications.

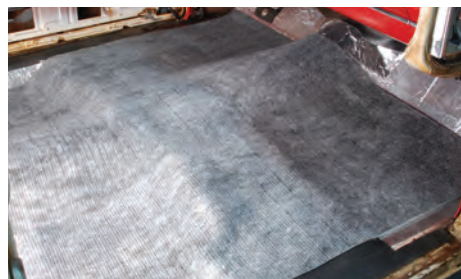


FOR DETAILS ABOUT BOOM MAT & BOOM MAT XL DAMPING MATERIAL, SEE PAGE 34



BOOM MAT INTERIOR KIT

Take the guess work out of thermal and acoustic control... All in one part number! Introducing a simple and cost-effective, universal-fit, sound deadening and thermal insulation kit.



FOR DETAILS ABOUT THE BOOM MAT INTERIOR KIT, SEE PAGE 35



LEATHER LOOK JEEP® SOUND DEADENING HEADLINER KITS

Boom Mat's new Leather Look Jeep® Wrangler Sound Deadening Headliner is a custom cut, peel and stick kit that dresses up the interior of Jeep hard tops while minimizing annoying outside noise. This new finish is easy to clean and durable for extreme offroading. Constructed of high quality marine grade acoustical foam that resists mold and mildew while insulating you from outside heat/cold and sound with an R4 insulating value.



FOR DETAILS ABOUT THE JEEP SOUND DEADENING HEADLINER KITS, SEE PAGE 42

EXHAUST WRAP

An important first step in reducing unwanted and power-robbing under hood heat, is wrapping exhaust headers and downpipes. Less under hood radiant heat results in a cooler air charge for improved performance.

- Reduces under hood radiant heat up to 50%
- Decreases exhaust density & increases exhaust flow
- Improves horsepower
- Sewn-in guide lines for proper overlap
- Glass fiber wraps withstands 1200°F direct / 2000°F radiant heat



Sewn-in guide lines



Increases velocity & improves scavenging for more efficient heat extraction.

Lowers engine compartment and cockpit heat!

* Ships in non-retail packaging

Don't forget the stainless steel Locking Ties and HT Silicone Coating on page 10!

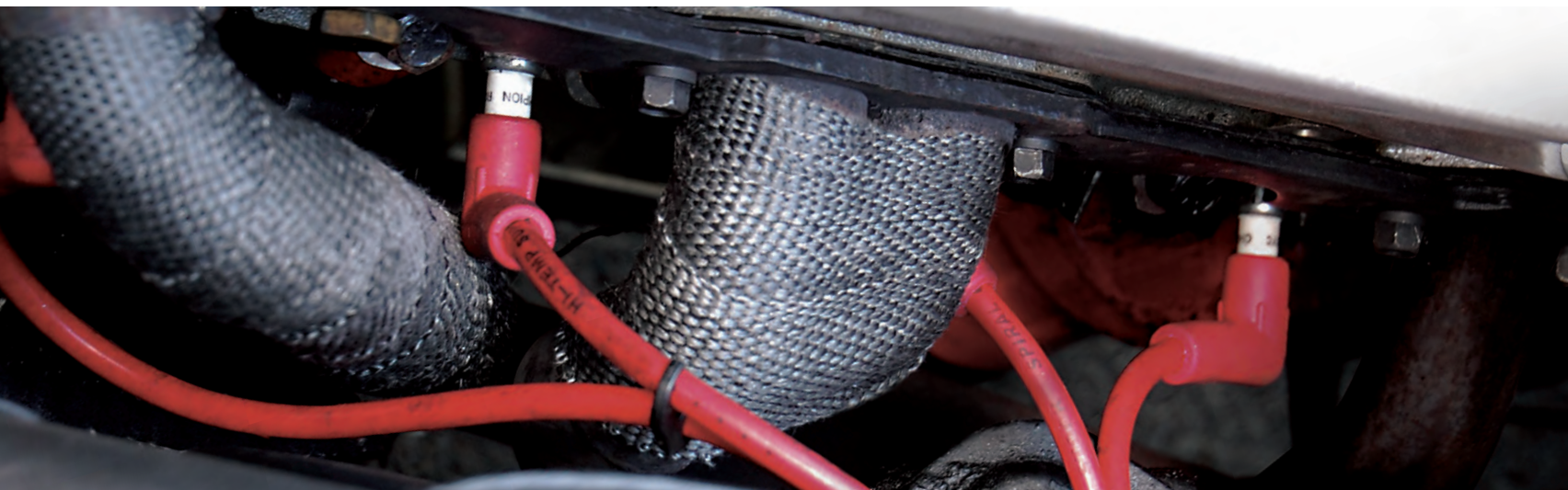
TAN WRAP

Part #	Description
010101	1" wide x 50' roll
010102	2" wide x 50' roll
010103*	2" wide x 100' roll
010104*	6" wide x 100' roll
010105	1" wide x 15' roll
010106	2" wide x 15' roll
010109*	8" wide x 100' roll
010117*	1" wide x 100' roll
010137	2" wide x 25' roll

BLACK WRAP

Part #	Description
010099	2" wide x 25' roll
010107	1" wide x 50' roll
010108	2" wide x 50' roll
010116	2" wide x 100' roll
010118	1" wide x 100' roll
010120	1" wide x 15' roll
010121	2" wide x 15' roll

NOTE: Longer length rolls are available as a special order.



EXHAUST WRAP



TITANIUM™ EXHAUST WRAP

TITANIUM Exhaust Wrap, with LR Technology, is made from pulverized lava rock, stranded into a fiber material then woven into a proprietary weave. Titanium wrap is engineered to be stronger than most wraps and more durable for improved thermal performance and reliability.

- Extremely pliable for a tight & secure wrap
- Withstands 1800°F direct / 2500°F intermittent heat
- Hi tech carbon fiber look
- Pre-wetting roll not necessary for wrapping
- High resistance to abrasions, temperatures, oil spills & vibration breakdown
- DEI HT Silicone Coating not required



TITANIUM WRAP

Part #	Description
010125	2" wide x 33' roll
010126	1" wide x 50' roll
010127	2" wide x 50' roll
010128	1" wide x 15' roll
010129	2" wide x 15' roll
010130*	2" wide x 100' roll
010131	2" wide x 25' roll
010132	2" wide x 35' roll
010133*	1" wide x 100' roll
010134*	4" wide x 100' roll
010135*	6" wide x 100' roll

THE ORIGINAL
TITANIUM **LR**[™]
Technology



*Ships in non-retail packaging

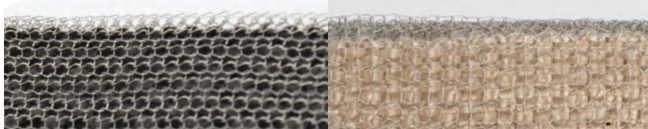
EXO SERIES™ EXHAUST & PIPE WRAP

EXO Series exhaust wrap is designed for extreme environment use. Traditional exhaust wraps have not been able to withstand the extreme use that Off-road, Dirt track, Desert and other forms of driving have with exposure to water and dirt. The EXO Series™ is a dual-layer design, using a combination of hi-temp glass fiber, covered with a 304 grade stainless steel exoskeleton. This unique construction maintains high heat protection while offering superior abrasion and impact protection. Our unique Air Gap Technology keeps direct contact of the glass fiber wrap off the hot surface creating an insulating air barrier.

The EXO Series exhaust wrap comes in a special 1.5" width, making it easy to install on any type of header, exhaust pipe or exhaust system making it perfect for high impact spot protection. In addition, the stainless steel exoskeleton locks together when overlapped keeping the wrap tight and making installation easy. Delivering outstanding looks and Rugged performance for long term durability, available in Black or Tan in either 1.5" x 10' or 1.5" x 20' rolls.

EXO SERIES EXHAUST & PIPE WRAP

Part #	Description
010075	1.5 x 10 Tan
010076	1.5 x 20 Tan
010077	1.5 x 10 Black
010078	1.5 x 20 Black



BLACK

TAN





HT SILICONE COATING™

Recommended for use with DEI non-Titanium Exhaust Wraps, HT Silicone Coating penetrates, seals and protects as well as helping to extend the lifespan of exhaust wrap.

- Protection from abrasions, hot oil & road grime
- Heat protection up to 1500°F
- For use on exhaust wraps, engine blocks, pipes, manifolds & more
- 12 oz. can (6 cans in a case)

Also great as a paint for BBQ grills!

HT SILICONE COATING

Part #	Description
010300	Assortment case 2 cans each (Black, Aluminum & White)
010301	Black
010302	Aluminum
010303	White



Cure temperature 400°F

Detail view of locking mechanism



STAINLESS STEEL LOCKING TIES™

Locking Ties are perfect for securing wrap to pipes with it's self-locking design. Locking Ties offer many other uses including bundling wires, hoses and other forms of insulation products. Just slide end into locking mechanism and pull tight.

- Constructed from high grade 304 stainless steel
- Capable of withstanding in excess of 2500°F
- 100lb tensile strength

LOCKING TIES

Part #	Description
010201	8" (8 pack; Fits 2" OD)
010202	14" (4 pack; Fits 4" OD)
010203	20" (10 pack; Fits 6" OD)
010201B	8" tie - Bulk
010202B	14" tie - Bulk
010203B	20" tie - Bulk

NOTE: Also available in bulk quantities



POSITIVE LOCKING TIES™

Positive Locking stainless steel ties are designed for high heat applications. They are great for securing DEI exhaust wrap or any place a high strength tie is needed. UV and corrosion resistant they will last for many years under severe use.

- Made from 316 Stainless Steel
- Tensile Strength. 5/16" 200 lbs. 1/2" 350 lbs.
- Capable of withstanding in excess of 2500°F

POSITIVE LOCKING TIES

Part #	Description
010208	1/4" x 9" (8 pack)
010209	1/4" x 14" (4 pack)
010210	1/4" x 20" (10 pack)
010211	1/2" x 9" (8 pack)
010212	1/2" x 14" (4 pack)
010213	1/2" x 20" (10 pack)
010216	8 - 1/2" x 9" & 4 - 1/4" x 20"
010217	1/2" x 40" (4 pack)

NOTE: Also available in bulk quantities



LOCKING TIE TOOL

DEI has developed an effective tool to tighten Stainless Steel Locking Ties. This tool saves time and hassle while providing a professional looking result. Slide the tool on the end of any 1/4" nut driver, engage the tie, and twist. Fits on the end of any 1/4" drive extension This specialty tool works with all popular styles of stainless ties - up to 1/2" wide. Made from hardened tool steel and black oxide coated for years of trouble free use this is one specialty tool no tool box should be without.

LOCKING TIE TOOL

Part #	Description
010220	Locking Tie Tool



SPEED SLEEVES™

Speed Sleeves provide everything needed to cover and protect primary exhaust header pipes. An alternative to wrapping complete headers and ideal for spot protection from heat generating pipes and manifolds.

- Serves as an insulator & radiant heat barrier
- Quick & simple installation
- Includes 8" wide exhaust wrap, lock fasteners & Locking Ties
- Supplied wrap covers pipes up to 2-1/2" diameter

SPEED SLEEVES

Part #	Description
010114	Tan 4 & 6 cylinder
010115	Tan 8 cylinder
010084	Black 4 & 6 cylinder
010083	Black 8 cylinder

NOTE: 12 ft. of wrap is included with 4 & 6 cyl. kits and 16 ft. included with 8 cyl. kit.

PIPE SHIELDS & WRAP KITS



TITANIUM PIPE SHIELD™

DEI's Titanium Pipe Shield combines the high heat tolerance of DEI's proprietary LR fiber technology with a unique rivet-based clamp shield design to improve heat dissipation and cooling.

- Heat protection up to 1350°F.
- LR fiber technology is a two-ply material
 - Outer layer is made from pulverized and stranded lava rock woven for durability and strength.
 - Inside material is high temp resistant fabric (89% silica) designed to withstand 350° more heat than glass fiber.

Includes 3.5" clamps for pipe diameters up to 3"

TITANIUM PIPE SHIELD

4" Widths		6" Widths	
Part #	Description	Part #	Description
010453	4" x 8" Length	010450	6" x 12" Length
010454	4" x 12" Length	010451	6" x 24" Length
		010452	6" x 36" Length



ONYX BLACK PIPE SHIELD

DEI's ONYX Series Flexible Heat Shield, comes in a rich black finish, looks great and outperforms other conventional heat shields. The outer edge features a surge stitch for durability. All hardware is stainless steel.

- Heat protection up to 1350°F.
- High-tech two-ply material
 - Outer layer is heat-treated glass fiber impregnated with molten aluminum;
 - Inside material is high temp resistant fabric (89% silica) designed to withstand 350° more heat than glass fiber.
- 4" x 8" size

ONYX BLACK PIPE SHIELD

Part #	Description
010496	4" x 8" ONYX Flexible Heat Shield



PIPE WRAP & LOCKING TIE KIT

Great for spot heat protection! Use when headers are close to plug wires, or sections of exhaust pipe that run close to body panels, turbo down pipes or motorcycle pipes to prevent burns!

Kit includes one roll of 2" x 25' exhaust wrap & four 8" stainless steel locking ties to secure wrap. Available in Black, Tan and Titanium

PIPE WRAP & LOCKING TIE KIT

Part #	Description
010119	Black
010122	Tan
010123	Titanium

RETAIL EXHAUST WRAP KIT

An all-in-one kit for wrapping a set of V8 headers or exhaust pipes. Kit includes two 2" x 50ft rolls of exhaust wrap, one can of HT Silicone Coating, Locking Ties and FREE Locking Tie Tool. Now in a retail package.



INCLUDES FREE LOCKING TIE TOOL!

RETAIL EXHAUST WRAP KITS

Part #	Description
010091	Tan Wrap & White HT Silicone Coating
010093	Tan Wrap & Aluminum HT Silicone Coating
010094	Black Wrap & Black HT Silicone Coating

RETAIL TITANIUM EXHAUST WRAP KIT

An all-in-one kit for wrapping a set of V8 headers or exhaust pipes with TITANIUM wrap. Kit includes two 2" x 50ft rolls of exhaust wrap, Locking Ties and FREE Locking Tie Tool.



INCLUDES FREE LOCKING TIE TOOL!

RETAIL TITANIUM EXHAUST WRAP KIT

Part #	Description
010095	Titanium Exhaust & Pipe Wrap Kit

EXHAUST WRAP KIT

An all-in-one kit for wrapping a set of V8 headers or pipes. Kit includes:
Two - 2" x 50ft rolls of exhaust wrap
One can of HT Silicone Coating
Locking Ties.



EXHAUST WRAP KITS

Part #	Description
010110	Black wrap w/Black HT Silicone Coating
010111	Tan wrap w/White HT Silicone Coating
010112	Tan wrap w/Aluminum HT Silicone Coating





AVAILABLE IN 6 COLORS PLUS TITANIUM

NOTE: In high heat situations where added protection is required, wrap headers with DEI Exhaust Wrap.

PROTECT-A-BOOTS™

Made from a high temperature resistant glass fiber material and treated with a proprietary coating, Protect-A-Boots™ provide spark plug boot and wire protection from extreme heat and helps prevent burn-through, hardening and cracking of boots.

- Non-flammable & protects against chemicals & resists water
- Universal-fits most straight or angled boots
- Withstands up to 1200°F of direct continuous heat
- Titanium up to 1800°F of direct continuous heat
- Double-wall construction for added durability

PROTECT-A-BOOTS

2 Pack		8 Pack	
Part #	Color	Part #	Color
010501	Silver	010502	Silver
010511	Black	010512	Black
010521	Red	010522	Red
010531	Blue	010532	Blue
010541	Titanium	010542	Titanium
010561	Yellow	010562	Yellow
010571	Orange	010572	Orange

Size: 1" ID x 6"L

PROTECT-A-BOOT XL™ - SILVER



A longer version of the DEI Protect-A-Boot. This 8" boot is made of the same high quality materials and construction of the 6" boots. Protect-A-Boot XL is made longer to fit a greater variety of larger plug boots.

- Longer boot to fit larger boots
- Non-flammable & protects against chemicals & resists water
- Withstands up to 1200°F of direct heat

Size: 1" ID x 8"L

SILVER PROTECT-A-BOOT XL

Part #	Description
010503	2 Pack - Silver Protect-A-Boot XL
010504	8 Pack - Silver Protect-A-Boot XL
010503B	Bulk Silver Protect-A-Boot XL

PROTECT-A-BOOT™ SLEEVE



Same construction as Protect-A-Boots but with a wider I.D. to fit over extreme angle spark plug boots without the need to have to remove plug boots.

- Universal-fits multiple angled spark plug boots
- 1-1/4" I.D.
- Withstands up to 1200°F of direct heat
- Glass fiber double-wall construction

Size: 1-1/4" ID x 6"L - No sewn-in ring

PROTECT-A-BOOT SLEEVE

Part #	Description
010551	2 Pack - Protect-A-Boot Sleeve
010552	8 Pack - Protect-A-Boot Sleeve
010551B	Bulk Protect-A-Boot Sleeve

TITANIUM PROTECT-A-BOOT XL™



Titanium spark plug boot protectors are the latest in thermal protection technology. Mined from lava rock, stranded and woven into a proprietary weave, Titanium Boot Protectors are engineered to withstand temperatures up to 1800°F of direct heat.

- Ultimate protection for spark plug boots & wires
- Strong, durable & long lasting construction
- Resistant to chemicals, abrasions
- Universal-fits most straight or angled boots - **Perfect for LS motors!**

Size: 1" ID x 8"L - No sewn-n ring

TITANIUM PROTECT-A-BOOT XL

Part #	Description
010543	2 Pack - Titanium Protect-A-Boot XL
010544	8 Pack - Titanium Protect-A-Boot XL
010543B	Bulk Titanium Protect-A-Boot XL

new

PROTECT-A-BOOT EXO SERIES™



Size: 1" ID x 6"L
No sewn-n ring

EXO Series Spark Plug Boots are designed to withstand extreme racing and high heat environments. The outer Exoskeleton stainless mesh prevents direct contact with the Dual layer Silica boot underneath. This combination of Silica/Air Gap and Stainless steel provides outstanding heat protection for your plug boots and wires. Available in 2, 4 and 8 packs so you can protect trouble areas or your complete wire set.

PROTECT-A-BOOT EXO SERIES

Part #	Description
010088	2 pack
010087	4 pack
010086	8 pack
010506B	Bulk - Each

Boot is surrounded by a stainless steel mesh to improve heat dissipation and abrasion resistance.

PLUG WIRE PROTECTION



PROTECT-A-WIRE™

Protect expensive spark plug wires from potential burning, cracking, and hardening typically caused by severe under hood heat. Easily installs on wire by removing distributor boot and sliding Protect-A-Wire™ over spark plug wire.

- Constructed from high temp resistant glass fiber material
- Protects electrical wiring, speedometer cable, hoses & more up to 10mm diameter
- Capable of handling direct heat up to 500°F
- Includes DEI Hi-Temp Shrink Tubes

PROTECT-A-WIRE

2 Cylinder	8 Cylinder	Color
010601	010602	Silver
010611	010612	Black
010621	010622	Red
010631	010632	Blue

2 Cylinder Kit Contains:

7ft of sleeving, 6 - Hi-Temp Shrink Tubes

8 Cylinder Kit Contains:

25ft of sleeving, 25 - Hi-Temp Shrink Tubes



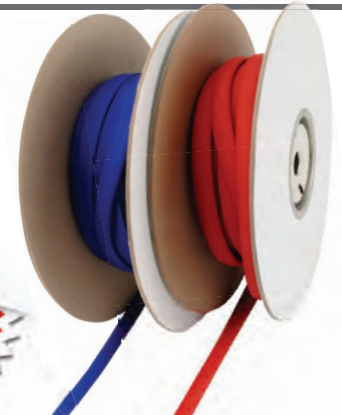
PROTECT-A-WIRE™ SPOOLS

50ft bulk rolls of our Protect-a-Wire. Great shop use so Protect-A-Wire is always handy and in stock.

- Constructed from high temp resistant glass fiber material
- Protects electrical wiring, speedometer cable, hoses & more
- Capable of handling direct heat up to 500°F
- Bulk spool is great to have on hand for any project

PROTECT-A-WIRE SPOOLS

Part #	Description	Color
010613B50	3/16" - 50ft spool	Black
010611B50	5/16" - 50ft spool	Black
010614B50	1/2" - 50ft spool	Black
010618B50	3/16" - 50ft spool	Red
010621B50	5/16" - 50ft spool	Red
010630B50	3/16" - 50ft spool	Blue
010631B50	5/16" - 50ft spool	Blue



SILICONE PROTECT-A-WIRE SPOOL

Annealed Fiberglass sleeve is coated with Silicone providing excellent resistance to abrasion, fraying and punctures. Resistant to chemicals and extremely flexible, heat resistant to 400°F makes it the perfect choice to cover and protect your spark plug wires. High dielectric strength for high voltage coils and ignition systems.

- 3/8" ID fits most cables & wires
- Excellent resistance to abrasions & chemical spills
- Extremely flexible & high dielectric strength
- Finishing projects is easy with bulk spool on hand

SILICONE PROTECT-A-WIRE SPOOLS

Part #	Description	Color
010636B50	3/8" ID 50ft Spool	Black



PROTECT-A-BOOT™ & WIRE KIT

Each kit includes everything needed to protect spark plug boots and wires from harmful under hood heat. Color matched Protect-A-Boots, Protect-A-Wire and Hi-Temp Shrink Tubes are included for a professional finished look.

- Boots & sleeving are constructed from a high temperature resistant glass fiber material

2 Cylinder Kit Contains:

7ft of line sleeving, 6 - Hi-Temp Shrink Tubes & 2 - Protect-A-Boots

8 Cylinder Kit Contains:

25ft of line sleeving, 25 - Hi-Temp Shrink Tubes & 8 - Protect-A-Boots

PROTECT-A-BOOT & WIRE KIT

2 Cyl	8 Cyl	Color
010701	010702	Silver
010711	010712	Black
010721	010722	Red
010731	010732	Blue



new

JEEP FUEL RAIL & INJECTOR COVER KIT



We have come up with a solution for a common heat soak & vapor lock problem in 1997-2004 JEEP models with inline 6 engines... This easy to install heat protection kit reduces heat soak from the engine on the fuel rail and injectors, in turn reducing vapor lock and keeping fuel cool.

- Fits 1997-2004 JEEP models with inline 6 motor
- Reduces fuel rail & injector fuel temps
- Reduces chance of vapor lock
- Protect injectors & fuel rail from engine heat

Kit includes: One – Manifold heat shield, One – Fuel rail heat cover, Six – Fuel injector covers, Twelve - OE replacement fuel injector O-rings

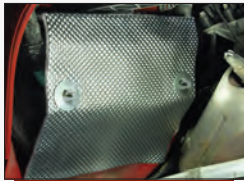


JEEP FUEL RAIL & INJECTOR COVER KIT

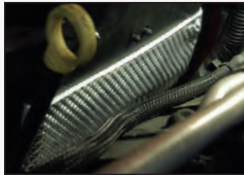
Part #	Description
010378	Jeep Fuel Rail & Injector Cover Kit

new

JEEP JK 2012-15 BATTERY BOX HEAT SHIELD KIT



Protects electrical connections from engine and exhaust heat



Protects battery box from exhaust & engine heat

Complete kit to protect battery boxes and electrical connections from damaging heat. Includes two heat shields, hardware and detailed instructions.

- Protects battery box and electrical connections from heat damage while operating at slow off road speeds
- Heat from the passenger side exhaust can rise to the point of damaging battery boxes and electrical wiring when under heavy loads and slow speeds
- Easy to install and includes all necessary hardware

JEEP JK BATTERY BOX HEAT SHIELD KIT

Part #	Description
010456	Jeep JK Battery Box Heat Shield Kit

new

JEEP JK 2007-11 HEADER WRAP KIT



Design to help prevent plug wire and boot melting when installing shorty headers on your 2007-2011 Jeep JK with V6 engine. The Jeep JK has very little space for the spark plug wires once the headers are installed making this a must have kit.

- Includes everything needed for a typical set of shorty headers
- Withstands extreme temperatures
- Resists solvents, oils, fuel, acids & chemical spills
- Reduces underhood temperatures

JEEP JK HEADER WRAP KIT

Part #	Description
010136	Jeep JK Header Wrap Kit

Kit Includes:

- Two 25 ft rolls of Titanium Exhaust Wrap
- Eight 9" Stainless Positive Locking Ties
- Four 14" Stainless Positive Locking Ties
- Six 8" Titanium Spark Plug Boot Protectors

HI-TEMP HEAT SHRINK TUBES



HI-TEMP SHRINK TUBES™



Professional grade military spec flexible polyolefin tubing provides excellent protection from dirt, dust, solvents, and foreign materials as well as providing strain relief. Over expanding tubing shrinks down to 33% of it's original diameter for a snug water-tight protective seal without reduction to it's original length.

• 3:1 shrink ratio

- Use to insulate wires, connections, terminals, wire splicing & more
- Operating temperature range: -67°F to 275°F
- Apply at 120°F to 180°F using heat gun

HI-TEMP SHRINK TUBING

Part #	Description
010832	9mm (3/8") x 4ft
010833	12mm (1/2") x 4ft
010834	18mm (11/16") x 4ft
010835	24mm (1") x 4ft
010836	9,12,18 & 24mm x 2ft ea.
010837	3mm (1/8") x 4ft
010838	6mm (1/4") x 4ft
010839	3, 6 & 9mm x 4ft ea.
010850	9mm (3/8") x 50ft Spool
010851	12mm (1/2") x 50ft Spool
010852	18mm (11/16") x 50ft Spool
010853	24mm (1") x 50ft Spool
010854	3mm (1/8") x 50ft Spool
010855	6mm (1/4") x 50ft Spool
010856	50mm (2") x 2ft
010856B	50mm (2") x per foot bulk
010857	75mm (3") x 2ft
010857B	50mm (3") x per foot bulk

SPARK PLUG WIRE / BOOT SHRINK TUBES



Perfect for sealing spark plug wires to boots at each end forming a water-tight weatherproof seal. With a 3 to 1 shrink ratio, shrink tubes can be used to bundle wires as an alternative to tape or plastic ties.

- 3:1 shrink ratio
- Offers a clean & professional under hood look
- Easy to install using heat gun
- 25 tubes to a package
- Four colors to choose from

HI-TEMP SHRINK TUBING

Part #	Description	Color
010800	18mm (11/16") x 1-1/2"	Gray
010801	12mm (1/2") x 1-1/2"	Gray
010810	18mm (11/16") x 1-1/2"	Black
010811	12mm (1/2") x 1-1/2"	Black
010820	18mm (11/16") x 1-1/2"	Red
010821	12mm (1/2") x 1-1/2"	Red
010830	18mm (11/16") x 1-1/2"	Blue
010831	12mm (1/2") x 1-1/2"	Blue

NUMBERED WIRE MARKER KIT



Make labeling plug wires simple and easy. DEI's numbered wire marker sets are made from high temperature Mil Spec black heat shrink tubes. They are tough enough to handle high under hood temperatures and are easy to install. High shrink ratio of 3 to 1 allows markers to slide over plug boot ends and still shrink tight to the wires. Sets are numbered 1 through 8 in a high visibility white ink that is oil and chemical resistant.

- 3-1 Shrink ratio

NUMBERED WIRE MARKER KIT

Part #	Description
010849	Wire Markers / 8pc set



HI-TEMP SHRINK TUBE SPOOLS

Same construction as our Hi-Temp Shrink Tubes now available in spools up to 500ft in length. Professional grade military spec flexible polyolefin tubing provides excellent protection from dirt, dust, solvents, and foreign materials as well as providing strain relief.

HI-TEMP SHRINK TUBE SPOOLS

Part #	Description
010832B200	9mm (3/8") 200ft spool
010833B200	12mm (1/2") 200ft spool
010834B200	18mm (11/16") 200ft spool
010835B200	24mm (1") 200ft spool
010837B500	3mm (1/8") 500ft spool
010838B200	6mm (1/4") 200ft spool





SILICONE PROTECT-A-WIRE™ V8 KIT



Annealed glass fiber sleeve is coated with silicone providing excellent resistance to abrasion, fraying and punctures. Resistant to chemicals and extremely flexible, heat resistant to 400°F makes it the perfect choice to cover and protect your spark plug wires. High dielectric strength for high voltage coils and ignition systems.

- Kit includes:
- 25 ft of 3/8" ID Silicone Sleeve
 - 8 DEI branded high heat shrink tube ends
 - Eight numbered 1-8 high temp shrink tube ends

SILICONE PROTECT-A-WIRE V8 KIT

Part #	Description
010636	Silicone Protect-A-Wire V8 Kit

SILICONE PROTECT-A-SLEEVE

Part #	Description
010635	Silicone Protect-A-Sleeve bulk per foot



TITANIUM PROTECT-A-WIRE™ V8 KIT



We have taken our Titanium LR technology and made it into the best protection sleeve on the market. Capable of withstanding temperatures up to 1800°F direct heat and 2500°F radiant, chemical and oil resistant, it provides the ultimate protection for your ignition wires. The 1/2" ID will fit larger spark plug wires and protect them from hot exhaust manifolds and headers.

- Kit includes:
- 8 DEI and 16 1-8 numbered heat shrink tubes
 - 25ft of Titanium sleeving

TITANIUM PROTECT-A-WIRE V8 KIT

Part #	Description
010603	Titanium Protect-A-Wire V8 Kit

ALUMINUM PLUG WIRE SHEATH™



Aluminized Plug Wire Sheath is constructed from high-temperature rated glass fiber material bonded to a heat reflective aluminized material. Plug Wire Sheaths are an inexpensive alternative for protecting specific areas on both ignition wire and boot locations from damaging heat generating sources.

- Protecting electrical wiring, hoses, cables & more
- Capable of withstanding 2000°F of radiant heat
- Inexpensive alternative for protecting ignition wires & boots

ALUMINUM PLUG WIRE SHEATH

Part #	Description
010409	3/4" diameter x 6" long (4 pack)



TITANIUM PROTECT-A-SLEEVE™



Titanium LR technology is now in the best protection sleeve on the market. These kits include high temp heat shrink ends. The 1/2" ID will fit larger spark plug wires and protect them from hot exhaust manifolds and headers. Sizes large enough for radiator hoses, heater hoses and other large hoses.

- Withstands up to 2500°F radiant heat
- Protects plug wires from hot exhaust manifolds & headers
- Sizes large enough for radiator hoses, heater hoses & other large hoses
- 1/2", 1" and 2" diameters available

TITANIUM PROTECT-A-SLEEVE

Part #	Description
010475	1/2" ID x 4ft
010475B	1/2" ID bulk per foot
010483	1" ID x 4ft
010483B	1" ID bulk per foot
010482	2" ID x 3ft
010482B	2" ID bulk per foot

LINE & HOSE PROTECTION



FIRE SLEEVE & TAPE KIT™

Constructed from a high temperature resistant braided glass material, woven into a sleeve and heavily coated with 100% silicone rubber, Fire Sleeve provides the ultimate in heat insulation and protection from direct heat up to 500°F.

Each kit includes a 16-inch length of black Fire Tape to finish off ends of Fire Sleeve or when joining two Fire Sleeves together while presenting a clean and professional look.

- Insulates wiring, hoses, oil / brake / transmission lines & more
- Use for bundling & protecting hoses, electrical wiring etc.
- Withstands 2000°F of intermittent heat

FIRE SLEEVE & TAPE KIT

Part #	Description (3 ft lengths)
010470	3/8" ID
010472	5/8" ID
010474	1" ID

FIRE SLEEVE BULK

Part #	Description
010470B	3/8" ID per foot
010472B	5/8" ID per foot
010474B	1" ID per foot



FIRE WRAP 3000™

Constructed from the same material as Fire Sleeve™ but with the convenience of a hook & loop edge closure design. Simply wrap Fire Wrap 3000™ around wires, cables or hoses without the need of disconnecting.

- Withstands direct heat up to 500°F
- Protects against oil, dirt, road grime and other contaminants
- Pliable enough to shape & fit tightest bends

NOTE: Each size is available in custom cut lengths up to 300 ft. Various diameter sizes are also available as a special order

FIRE WRAP 3000

Part #	Description (2 ft lengths)
010477	5/8" ID
010478	1" ID
010479	1-1/2" ID

FIRE WRAP 3000 BULK

Part #	Description
010477B	5/8" ID per foot
010478B	1" ID per foot
010479B	1-1/2" ID per foot



FIRE TAPE™

Fire Tape™ is a multi use self-fusing tape that can be used to cover wires, seal temporary leaks, and much much more. Made of a non-adhesive silicone rubber, Fire Tape is waterproof, remains flexible, and does not leave a sticky residue after removal.

- Corrosion & moisture resistant
- Stretch & wrap application
- 700 psi tensile strength
- Permanent air/liquid tight seal

FIRE TAPE

Part #	Description
010476	1" wide x 36ft



FIRE SLEEVE™ SPOOLS

All the benefits from our Fire Sleeve material but now in a bulk spool! Ideal for shop use and those retailers wishing to sell custom cut sleeving by the foot.

FIRE SLEEVE SPOOLS

Part #	Description
010470B100	3/8" ID 100ft Spool
010470B25	3/8" ID x 25 ft
010472B25	5/8" ID x 25 ft
010474B25	1" ID x 25 ft





ULTRA 47™ SHEATH

Designed to be the ultimate protection for your cables, lines, wire or hoses. Ultra 47 Sheath has a higher sustained heat capability of up to 1100°F and is more flexible and light weight than standard foil or bonded aluminum products. Constructed from a process that impregnates molten aluminum to the core fabric giving it higher heat reflective properties. The perfect choice for tight high heat applications.

- Can be trimmed to length
- Direct heat to 1100°F
- Easy to cut & trim to length

ULTRA 47 SHEATH

Part #	Description
010230	1/2" ID x 3 ft
010231	1/2" ID x 15 ft
010232	3/4" ID x 3 ft
010233	1-1/4" ID x 3 ft

NOTE: Each diameter is available up to 50 ft lengths. Other diameters are also available as a special order.



HEAT SHEATH™

Designed to slide over wires, cables and hoses, Heat Sheath provides the ultimate protection from extreme heat as well as chemical and oil spills, dirt, grease and road grime. Constructed from a high temperature fabric and bonded to an aluminized material to reflect heat. Heat Sheath is fireproof and withstands direct heat up to 500°F.

- Pliable for tight bends
- Capable of withstanding 2000°F radiant heat
- Trim to desired length

HEAT SHEATH

Part #	Description
010418	1/2" ID x 3ft
010403	3/4" ID x 3ft
010419	1" ID x 3ft
010404	1-1/4" ID x 3ft
010420	1-1/2" ID x 3ft
010403B50	3/4" ID x 50ft
010404B50	1-1/4" ID x 50ft
010418B50	1/2" ID x 50ft
010419B50	1" ID x 50ft
010420B50	1-1/2" ID x 50ft



HEAT SHROUD™

Heat Shroud is made from a high temperature rated glass fiber fabric with an aluminized outer facing. Same as Heat Sheath but with the added convenience of hook & loop closure with open edges. Without the need of removing one end of connected wires, cables and hoses, simply wrap around whatever needs protection and close edges.

- Withstands 500°F direct heat
- Fireproof, trim to desired length
- Convenient hook & loop designed edges

HEAT SHROUD

Part #	Description
010405	1/2" to 1-1/4" ID x 3ft
010457	3/4" ID x 3ft
010487	2" to 2-1/2" ID x 3ft
010405B50	1/2" to 1-1/4" ID x 50ft
010487B50	2" to 2-1/2" ID x 50ft



COOL TUBE™

Designed to provide the ultimate thermal protection from damaging heat, Cool Tube™ is designed to resist abrasions, contaminates, and condensation. Covered with a heat resistant glass fiber fabric and pre-slit lengthwise eliminating the need to disconnect cables, lines, hoses or wires for an easy installation.

- Withstands direct heat up to 500°F
- Made from convoluted nylon 6 tubing-not plastic
- Reduces temperature by more than 40%

COOL TUBE

Part #	Description
010414	1/2" ID x 3 ft
010415	1/2" ID x 15 ft
010406	3/4" ID x 3 ft
010407	3/4" ID x 15 ft



COOL TUBE EXTREME™

Able to reflect continuous heat up to 750°F while offering a quality profession look, Cool Tube Extreme™ is flexible enough to conform to tight bends and provide superior protection against extreme under hood temperatures, weather conditions and abrasions. Made from a special composite material with a spiral wire reinforcement, Cool Tube Extreme is ultra-light and can be slit to apply to cables, wires and hoses.

- Trim to length
- Can be slit lengthwise for easy install
- Tough, durable with an easy to clean finish

COOL TUBE EXTREME

Color	Length	1/2" ID	3/4" ID	1" ID	1-1/4" ID	1-1/2" ID
Silver	3 ft	010421	010425	010429	010433	010437
Silver	9 ft	010441	010445	--	--	--
Black	3 ft	010424	010428	010432	010436	010440
Black	9 ft	010444	010448	--	--	--

COMPONENT PROTECTION



VERSA SHIELD™ STARTER SHIELD

Versa-Shield™ was designed to protect starters from potential failure caused by under hood heat soak conditions. Made from an aluminized heat reflective material backed with a hi-temp rated glass fiber insulation barrier, Versa-Shield is capable of reflecting radiant heat up to 2000°F. Direct heat up to 500°F

- Universal-trim length to size
- Edges attach to itself with hook & loop closure design
- Multiple uses to protect master cylinders, cool cans, distributors, fuel pumps & more
- No need to remove starter for installation in most cases



VERSA SHIELD STARTER SHIELD

Part #	Description
010402	Versa Shield 7"W x 24"L

NOTE: Can be trimmed to fit 3.5 to 8 inch diameters

ULTRA 47™ / ONYX™ SHIELD

Designed for severe duty use, Ultra Shield MA offers the highest level of protection. Constructed of two layers of material, a highly reflective outer layer combined with a high heat inner layer. Able to withstand direct heat of up to 1350F, Ultra 47 Shield is the perfect choice for high heat applications where engine heat soak is a problem.

STARTER SHIELDS

Part #	Description
010235	Ultra 47 Shield
010236	ONYX Starter Shield

- 7"W x 24"L Size
- Loop & Hook fastening system
- Length can be trimmed to size
- Available in Aluminum & Black ONYX



CELL SAVER™ / BATTERY INSULATION KIT

Batteries are very susceptible to heat and vibration that could cause premature failure and hazardous leaks. Cell Saver is very capable of damping vibration and will absorb and neutralize any damaging leaky battery acids. Cell Saver is easy to install and excess material can be trimmed to accommodate most battery sizes and shapes.

CELL SAVER

Part #	Description
010480	Battery Insulation Kit

- Protects batteries from harmful radiant heat
- Material withstands up to 2000°F radiant heat
- Traps & neutralizes harmful battery acid
- Provides clean finished look with easy installation

NOTE: Includes 40" x 7" insulation material, 12" x 7" treated base mat and edge sealing tape



COOL COVER™ - AIR TUBE COVER KIT

Cool Cover is designed to prevent air tubes from becoming heat sinks. Made of heat treated glass fiber with a reflective coating, Cool Cover will reflect radiant heat from air tubes and promotes a cooler, denser, more powerful air charge. With a unique full length hook & loop closure design, Cool Cover can be removed in seconds without the need of any hand tools.

COOL COVER

Part #	Description
010417	Cool Cover

- Reflects heat from air tubes
- Promotes cooler air charge for added power
- Installs & removes in seconds for show or go
- Fits up to 4-1/2" diameter tubing



NOTE: Includes 14" x 3ft insulation material, 2" x 36" strip of heat reflective sealing tape

MUFFLER SHIELD KIT

The Best muffler shield/wrap on the market. Based off our proven Floor and Tunnel Shield II, Muffler Shield is designed to wrap around just about any size muffler. Includes our tough stainless steel positive locking ties for a tight secure installation. Made from 10mil dimpled aluminum with a 1/8" needle glass insulator it can be easily trimmed to fit most mufflers. Greatly reduces radiant heat coming off your muffler resulting in a cooler interior and protection from damaging heat.

MUFFLER SHIELD KIT

Part #	Description
010455	Muffler Shield Kit

- Greatly reduce radiant heat from muffler
- Cooler interior
- Protect from damaging heat



Kit includes:
One - 42" x 24" Muffler Shield
Four - 40" x 1/2" Positive Locking Ties
FREE Locking Tie Tool

**INCLUDES
FREE LOCKING
TIE TOOL!**



ONYX TURBO SHIELDS



Turbo systems are the easiest and most cost effective way to add horsepower to engines in a big way. DEI recognized the need for new Turbo Shield applications, and now offer Turbo Shields in the smaller turbo sizes. Building on the popularity of the ONYX Series DEI has expanded its turbo shield offerings to include a GT22 and GT25 sized shields that utilize this high performing material. Unlike cheap, knock-off copies, the DEI Turbo Shields are Made in the USA, using an exclusive combination of premium heat resistant textiles and newly designed stainless steel attachment anchors. DEI Turbo Shields are used to maintain a more consistent temperature in the turbo, increasing efficiency and decreasing turbo lag. In addition to Garrett® brand turbo housings, the ONYX Turbo shields will fit several other popular turbo brands including Mitsubishi® and others.



ONYX TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T22	010161	010162
T25/T28	010163	010164

- Strong riveted anchors to secure shield
- Black carbon fiber look
- Ultimate thermal barrier reduces turbo lag
- Double reinforced seams inside and outside

AFTERMARKET AND OEM TURBOS

MAKE	NOTES	TURBO SHIELD	TURBO SHIELD KIT
Mitsubishi	MHI TD04/TD05 Turbochargers-Internal Gate (Talon, Eclipse, Laser)	T22 (010161)	T22 (010162)
Subaru	MHI TD04/TD05 Turbochargers-Internal Gate (Impreza WRX, STI)	T22 (010161)	T22 (010162)
Subaru	IHI VF39/VF43 Turbochargers-Internal Gate (Impreza WRX, STI)	T22 (010161)	T22 (010162)
Subaru		T22 (010161)	T22 (010162)
Blouch	EVO 3 big 16 G	T22 (010161)	T22 (010162)

Available as SHIELD ONLY or in a KIT. Each Kit Includes: Shield, 2" x 15 ft roll of black wrap, Two 20" stainless steel Locking Ties & 5 ft of fastening wire



OEM DIESEL TRUCK APPLICATIONS

MAKE	YEAR	ENGINE	TURBO	TURBO SHIELD	TURBO SHIELD KIT
Chevy/GMC	1993 - 1999	6.5L Turbo Diesel	Stock IHI	T25/T28 (010163)	T25/T28 (010164)

ULTRA 47™ TURBO SHIELDS

Made from a Tri-Layer mix of an Aluminum impregnated Glass fiber outer shell with a Hi-Temperature insulating mat core and Silica glass blend liner. Double stitching and heavy duty capped anchor points make this Turbo Shield Look great and perform even better. Keeping the exhaust heat in the Turbo housing reduces turbo spool up time and increasing exhaust gas velocity resulting in more power quicker. Available in T-3 and T- 4 Turbo sizes with more to come.

ULTRA 47 TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T3	010172	010174
T4	010173	010175

- Quicker Spool Up Time
- Reduced under hood temperatures
- Increased Exhaust gas Velocity
- Smooth capped anchor points
- Made in the USA



AFTERMARKET AND OEM TURBOS

MAKE	MODEL	NOTES	TURBO SHIELD	TURBO SHIELD KIT
Borg-Warner	S300	<= 14cm2 Turbine housing	T3 (010172)	T3 (010174)
	S300	>= 16cm2 Turbine housing	T4 (010173)	T4 (010175)
	S400		T4 (010173)	T4 (010175)
Garrett	GT35R	with T3 Turbine housing	T3 (010172)	T3 (010174)
	GT35R	with T4 Turbine housing	T4 (010173)	T4 (010175)
	GT37R		T4 (010173)	T4 (010175)
	GT42/GT45	a/r 1.01-1.4 for Tight Fit	T4 (010173)	T4 (010175)
Precision, TiAL, Turbonetics		All with T3 V-Band	T3 (010172)	T3 (010174)

Available as SHIELD ONLY or in a KIT. Each Kit Includes: Shield, 2" x 15 ft roll of black wrap, Two 20" stainless steel Locking Ties & 5 ft of fastening wire

OEM DIESEL TRUCK APPLICATIONS

MAKE	YEAR	ENGINE	TURBO	TURBO SHIELD	TURBO SHIELD KIT
Dodge	1994 - 2002	5.9L Cummins	Stock Holset	T3 (010172)	T3 (010174)
	2003 - 2007	5.9L Cummins	Stock Holset	T3 (010172)	T3 (010174)
	2007½ - 2010	6.7L Cummins	Stock Holset	T4 (010173)	T4 (010175)
Chevy/GMC	2001 - 2004	LB7 6.6L Duramax	Stock IHI	T3 (010172)	T3 (010174)
	2004½ - 2010	LLY,LBZ,LMM 6.6L Duramax	Stock Garrett	T4 (010173)	T4 (010175)
	2003 - 2007	6.0L Power Stroke	Stock Garrett	T4 (010173)	T4 (010175)

TURBO PERFORMANCE



TITANIUM™ TURBO SHIELDS

Custom fit Titanium Turbo Shields™ provide the ultimate means of reducing turbo lag and serve as a superior heat barrier. They can withstand direct heat up to 1800°F and 2500°F radiant heat. Allowing more heat in the turbine and less damaging underhood radiant heat resulting in a boost in horsepower! Stronger and more durable than other turbo blankets or shields, Titanium Turbo Shields include a hi-temp rated silica insulation under the tight outer layer for extra protection against extreme turbo-generated heat. We have added a true riveted anchor along with added seam protection to accommodate the higher horsepower levels of heat.

TITANIUM TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T3	010140	010141
T4	010144	010145
T6	010146	010147
T25/T28	010148	010149
T22	010165	010166

- Riveted anchors incorporated to secure shield
- Hi-Tech custom carbon fiber look
- Ultimate thermal barrier reduces turbo lag
- Double reinforced seams inside & outside

Available as SHIELD ONLY or in a KIT. Each Kit Includes: Shield, 2" x 15 ft roll of Titanium wrap, Two 20" stainless steel Locking Ties & 5 ft of fastening wire



See DesignEngineering.com on how to measure your turbine for proper shield fitment.

AFTERMARKET AND OEM TURBOS

MAKE	MODEL	NOTES	TURBO SHIELD	TURBO SHIELD KIT
Borg-Warner	S300	<=14cm2 Turbine housing	T3 (010140)	T3 (010141)
	S300	>=16cm2 Turbine housing	T4 (010144)	T4 (010145)
	S400		T4 (010144)	T4 (010145)
Garrett	GT35R	with T3 Turbine housing	T3 (010140)	T3 (010141)
	GT35R	with T4 Turbine housing	T4 (010144)	T4 (010145)
	GT37R		T4 (010144)	T4 (010145)
	GT42/GT45	a/r 1.01-1.4 for Tight Fit	T4 (010144)	T4 (010145)
	GT42/GT45	a/r 1.01-1.4 for Loose Fit	T6 (010146)	T6 (010147)
Precision, TiAL, Turbonetics	GT47	~3" short on Length	T6 (010146)	T6 (010147)
		All with T3 V-Band	T3 (010140)	T3 (010141)
Mitsubishi		MHI TD04/TD05 Turbochargers- Internal Gate (Talon, Eclipse, Laser)	T22 (010165)	T22 (010166)
		MHI TD04/TD05 Turbochargers- Internal Gate (Impreza WRX, STI)	T22 (010165)	T22 (010166)
Subaru		IHI VF39/VF43 Turbochargers- Internal Gate (Impreza WRX, STI)	T22 (010165)	T22 (010166)
Subaru Blouch	OEM	'02 - '07 WRX/STI EVO 3 big 16 G	T22 (010165) T22 (010165)	T22 (010166) T22 (010166)

OEM DIESEL TRUCK APPLICATIONS

MAKE	YEAR	ENGINE	TURBO	TURBO SHIELD	TURBO SHIELD KIT
Dodge	1994 - 2002	5.9L Cummins	Stock Holset	T3 (010140)	T3 (010141)
	2003 - 2007	5.9L Cummins	Stock Holset	T3 (010140)	T3 (010141)
	2007½ - 2010	6.7L Cummins	Stock Holset	T4 (010144)	T4 (010145)
Chevy/GMC	1993 - 1999	6.5L Turbo Diesel	Stock IHI	T25/T28 (010148)	T25/T28 (010149)
	2001 - 2004	LB7 6.6L Duramax	Stock IHI	T3 (010140)	T3 (010141)
Ford	2004½ - 2010	LLY,LBZ,LMM 6.6L Duramax	Stock Garrett	T4 (010144)	T4 (010145)
	2003 - 2007	6.0L Power Stroke	Stock Garrett	T4 (010144)	T4 (010145)

GASKET SOLUTION



Originally developed for the turbo market, this product seals metal on metal gaps up to .050". It provides for easy disassembly and easy clean up, and cures under normal turbo heat in 3-4 minutes. Applications include manifold to hot housing, manifold to wastegate, and hot housing to downpipe. Withstands 2000°F in gasoline applications.

GASKET SOLUTION

Part #	Description
090400	Gasket Solution 14oz

TURBO INSULATION KIT



Turbo Insulation Kits are designed to fit all turbochargers to reduce turbo lag and underhood temperatures allowing for a cooler air charge for more horsepower while protecting engine components from damaging heat.

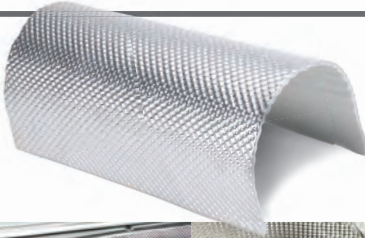
- Universal-designed to fit all turbo turbine housings
- Helps reduce turbo lag
- Protection up to 1200°F

TURBO INSULATION KIT

Part #	Description
010113	Turbo Insulation Kit Universal

NOTE: Kit includes: 12" x 36" turbo blanket material, two (2) 14" and two (2) 20" stainless steel Locking Ties, one (1) 2" x 25 ft roll of Tan down pipe wrap & 6" w x 3 ft piece of glass fiber matting



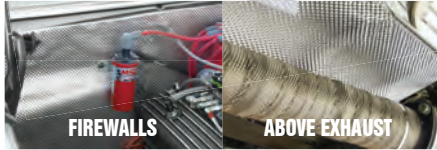


FLOOR & TUNNEL SHIELD II™

Heat & Sound Insulation

Designed to withstand direct temperatures up to 1750°F, Floor & Tunnel Shield-II is the ultimate solution to block radiant heat from entering a vehicles interior and protect under hood components. Constructed from 10 mil aluminum bonded to a finely woven layer of high temperature resistant glass fiber.

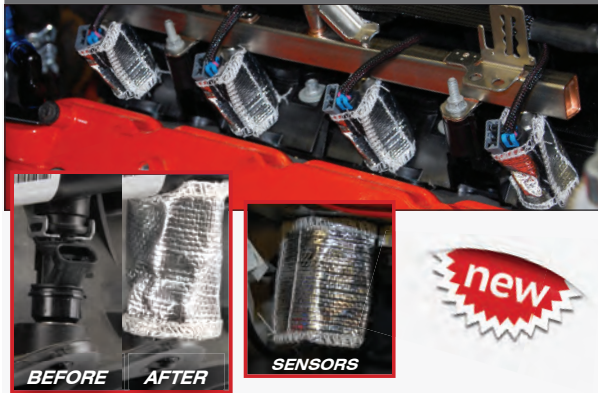
- Wind & water will not affect adhesive
- Minimum clearance required, only 3/16" thick
- Easily shape, trim, peel & stick
- Aggressive self-adhesive backing



FLOOR & TUNNEL SHIELD II

Part #	Description
050501	21" x 2 ft (3.5 sq ft)
050502	21" x 4 ft (7.0 sq ft)
050503	42" x 4 ft (14.0 sq ft)
050503-16	10" X 10" (.83 sq ft)

NOTE: DEI Cool Tape is suggested for sealing Floor & Tunnel Shield edges and seams



FUEL INJECTOR & SENSOR COVERS

DEI's new fuel injector and sensor covers are designed to fit most factory and performance electronic fuel injectors and sensors. Available in 2, 4, 6 and 8 packs for any engine configuration, these covers wrap around fuel injectors or sensors and will reflect radiant heat away from them. Cooler fuel injectors operate more efficiently and will help prevent vapor lock and heat soak. Simple split design allows easy installation without having to remove the injector or sensor. Simply wrap around and close with built in hook and loop fastening edges.

- Universal size fits most fuel injectors & sensors
- Cooler injectors operate more efficiently
- Prevent vapor lock & heat soak

FUEL INJECTOR & SENSOR COVERS

Part #	Description
010380	2pack
010381	4pack
010382	6pack
010383	8pack



EGR COVERS

Protect 1985 through 1991 Corvette L98 EGR systems from damaging heat with an EGR Pipe Cover. With sewn-in hook & loop edges, installing the EGR cover is simple, quick and straightforward, without removing the EGR pipe. Just wrap the cover around EGR pipe and close edges. Trim off any excess material.

EGR Covers are made of a high temperature rated glass fiber fabric bonded to a heat reflective aluminized outer facing. Capable of handling direct heat up to 500°F and 2000°F radiant, EGR Covers also provide protection from oil, grease and chemical spills.



EGR COVERS

Part #	Description	Application
010387	11.5" x 4.5"	1985-88 (some 1989)
010388	15" x 4.5"	1990-91 (some 1989)
010389	4.25" x 4.5"	1987-91

Note: Some 1989 Corvettes could have either a 11.5" or 15" EGR pipe

REFLECTIVE FUEL CAN COVERS

54 Gallon Drum

5 Gallon Can



5 Gallon Jug

Most paddocks and pit areas require fuel to be stored outside, exposing racing fuel to the summer sun. This exposure heats up the can, shortening the life of the fuel and degrading the performance potential. Most race fuel manufacturers recommend covering race fuel and limiting exposure to the sun. This is critical when it comes to the new generation of Oxygenated fuels. Now you can keep fuel temperatures stable and extend the pot life of expensive race fuels with DEI's Reflective Fuel Can Covers. No more stuffing the cans under blankets or moving them around all day to avoid the sun. DEI Fuel Can Covers are designed to easily slip over the standard 5 gallon metal cans, 5 gallon jugs or 54 gallon drums that most race fuels come in. These durable covers reflect away radiant heat and keep your fuel cool!

- Keeps race fuel cans cool
- Easy on & off
- Recommended by race fuel manufacturers

REFLECTIVE FUEL CAN COVERS

Part #	Description
010467	For 5 gallon metal fuel can
010471	For 5 gallon square fuel jug
010484	For 54 gallon metal fuel drum



Heavy duty sewn in pull handles for easy removal

HEAT BARRIERS



FORM-A-SHIELD™ W/O ADHESIVE

A superior alternative to traditional metal thermal shields. High-performance materials used in this product include an embossed 10 mil aluminum sheet bonded to a mechanically needle-punched high temperature resistant fiber composite spacer.

- Ideal for firewall, under-vehicle, floor pans, transmission tunnels, under hoods & more
- Blocks radiant heat from entering driver compartment
- Measures 42" x 24"
- Easy to form to shapes & contours

FORM-A-SHIELD W/O ADHESIVE

Part #	Description
050506	42" x 24" W/O Adhesive (7 sq ft)



HEAT SCREEN™

Aluminized Mylar Radiant Matting

Heat Screen is an excellent method for reflecting unwanted heat from areas and surfaces needing protection. With a thickness of only .060 inches, Heat Screen requires minimal clearance and is capable of withstanding 2000°F of radiant heat. Ideal for protecting body panels, floor boards, gas tanks, fairings and for use under carpeting to name a few. Uses include race vehicles, marine, truck, SUV's, RV's, aviation and industrial applications.

- Excellent protection for painted surfaces
- Withstands 1200°F of direct heat
- Can be secured with adhesive or fasteners
- Trim to desired size
- See page 24 for Hi-Temp Spray Adhesive

HEAT SCREEN

Part #	Description
010401	36" x 40" (10 sq ft)
010401B	36" x linear foot bulk



HEAT SCREEN™ W/ADHESIVE BACKING

Aluminized Mylar Radiant Matting

Heat Screen with Adhesive can withstand 2000°F of radiant heat and 1200°F of direct heat making it the perfect choice to protect from heat penetration damage. We have applied our Hi-Temp adhesive for you making installation fast and simple.

- Backed with high temp pressure sensitive adhesive
- Heavy weight glass fiber with aluminum face (Mylar)
- Flexible & easy to install
- Peel & stick

HEAT SCREEN W/ADHESIVE

Part #	Description
010399	36" x 20" (5 sq ft)
010400	36" x 40" (10 sq ft)
010090	36" x linear foot



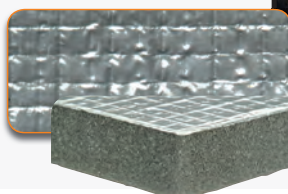
UNDER HOOD™ THERMAL ACOUSTIC LINING

Under Hood™ Thermal Acoustic Lining was designed primarily for engine compartments as a way to greatly reduce heat and noise with a simple and easy peel and stick application. Made of 3/4" thick, high quality, industrial acoustical grade foam with a reinforced reflective aluminum covering, Under Hood Thermal Acoustic Lining not only insulates the underside of hoods but serves as a sound deadener and thermal control while protecting paint finishes.

- Insulate from heat while reducing noise & vibration
- Self adhesive - Peel & stick application
- Protects paint finishes
- 3/4" thick • Temp range: -45°F to 275°F

UNDER HOOD THERMAL ACOUSTIC LINING

Part #	Description
050510	32" X 54" (12 sq ft)





REFLECT-A-GOLD™

Reflect-A-GOLD is a metalized polyamide polymer laminated glass cloth with a high temperature pressure sensitive adhesive for use in extreme temperature swing environments. Lightweight and easy to apply and remove.

- For firewalls, bulkheads, engine covers, floors, seat bottoms & more
- Capable of handling continual temperatures up to 850°F
- Resists UV degradation for long-term performance
- Adhesive protected by a release liner rated up to 325°F



REFLECT-A-GOLD

Part #	Description
010390	24" x 150 ft Roll
010391	12" x 12" Sheet
010392	12" x 24" Sheet
010393	24" x 24" Sheet
010394	1-1/2" w x 15 ft Roll
010395	1-1/2" w x 30 ft Roll
010396	2" w x 15 ft Roll
010397	2" w x 30 ft Roll

NOTE: Available in custom cut lengths in widths up to 24"

HEAT RESISTANT SEALANT



Developed by Dow Corning® for extreme-duty aerospace applications, this sealant bonds to almost all surfaces and an ideal method of encapsulating and protecting applications where parts must perform at high temperatures. Unlike other sealants, it will not sag or run on overhead or on side wall applications.

- For use with fiberglass, metal, wood, rubber, plastic & more
- Withstands continuous temps up to 500°F / 600°F Intermittent
- Made from 100% silicone & remains flexible
- Peel strength of 20 lbs.

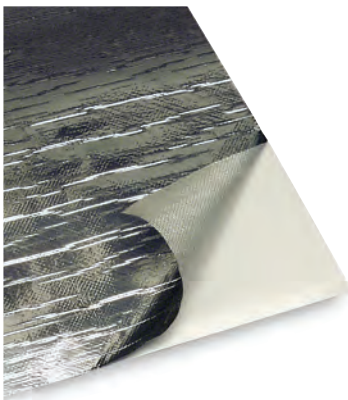
HEAT RESISTANT SEALANT

Part #	Description
010410	3 oz tube w/application nozzle

REFLECT-A-COOL™

Reflect-A-Cool offers high heat reflectivity to protect temperature-sensitive components and materials against heat damage and hot spots. Made of an aluminized reflective foil, backed with a base layer of glass fiber, it is able to withstand continuous temperatures of 400°F.

- Protect wires, cables, hoses, pipes & tubing from radiant heat sources
- Self-adhesive backing with release liner
- Radiant heat protection up to 2000°F
- Moisture & solvent resistant



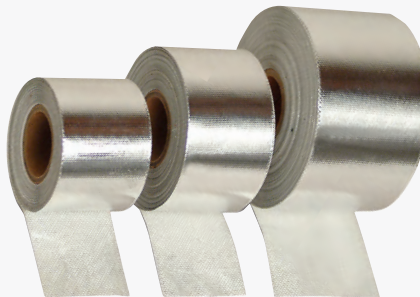
REFLECT-A-COOL

Part #	Description
010412	36" x 48"
022004	36" x linear foot
010460	12" x 12"
010461	12" x 24"
010462	24" x 24"

COOL TAPE™

Cool Tape is a flexible and super strong self-adhesive thermal insulating tape capable of protecting up to 2000°F of radiant heat. Made of one mil aluminized material bonded to a woven glass fiber heat resistant matting, Cool Tape is an ultra light weight heat reflective solution for wrapping wires, cables, hoses, fuel lines, covering seams and many other uses.

- Withstands direct heat up to 400°F
- Use to secure panels, seal air boxes, wrap wiring & more
- Strong self-adhesive backing



NOTE: Perfect for giving Reflect-A-Cool, Heat Screen and Floor & Tunnel Shield-II a finished edge look!

COOL TAPE

Part #	Description
010408	1-1/2" x 15 ft roll
010413	2" x 60 ft roll (Cool Tape Plus™)
010416	1-1/2" x 30 ft roll
010468	2" X 30 ft roll

HI-TEMP SPRAY ADHESIVE

Hi-Temp Spray Adhesive provides high strength adhesion and bonds a wide variety of materials, including trims, foams, fabrics and more. It has a specially designed three-way adjustable valve allowing the user to select the spray pattern that best suits the job.

- Dries quickly & clear
- Forms a water-resistant bond
- High temp resistant up to 160°F (71°C)
- High bonding strength for many materials



NOTE: Ideal for adhering DEI Heat Screen and various Boom Mat under carpet products

HI-TEMP SPRAY ADHESIVE

Part #	Description
010490	10 oz can (12 per master carton)

QUICK FIX TAPE™

Quick Fix Tape bonds to itself and forms a waterproof permanent seal. It's ideal for emergency hose repairs, non-slip grip surface for tools, electrical connections and a leak sealer are among its many uses and does not leave a sticky residue. A special high performance grade silicone compound and engineered at 700psi tensile strength with insulating capabilities up to 8,000 volts. Stretches to three times its length for a simple stretch and wrap application. The triangular profile of the tape (the center is thicker than the edges) provides a smooth edge where the overlap occurs.

- Withstands temperatures from -65°F (-54°C) to 500°F (260°C)
- Seal hoses, bundle & wrap wires, weatherproof connections & more
- Can be applied to wet surfaces
- Permanent air / liquid tight seal

QUICK FIX TAPE

(1" wide x 12 ft rolls)

Part #	Description
010491	Black
010492	Red
010493	Blue
010494	Yellow
010495	Gray



SPEED TAPE™

Speed Tape has multiple uses including race applications, temporary damage repairs and taping body seams to name a few. Speed Tape tears straight and easy every time and available in eight colors as well as the popular checker-board.

- 2"x 90' Rolls (Checker-board 2"x 45')

SPEED TAPE

Part #	Color	Part #	Color
060101	Black	060105	Yellow
060102	White	060106	Purple
060103	Red	060107	Green
060104	Blue	060108	Orange
060202	Checker-board		



NOTE: Also available in a countertop display pack (Part # 060100)
18 rolls - 2 of each color

LED LITE-N-BOLTZ™ LICENSE PLATE LIGHTING KITS

LED License Plate Lighting Kits with their right-angle LED, are extremely efficient and emit a much higher degree of light in a desired location than incandescent lamps. Since there's no filament that can be damaged, LEDs are incredibly durable-virtually shock and vibration-proof.

- Offer superior lighting & meets legal requirements without compromising great looks
- Made of high-grade stainless steel with clear waterproof epoxy lens
- Perfect for license plate relocation projects only using .30MA current, 0.36 watts

LED LICENSE PLATE LIGHTING

Part #	Description
030301	Satin License Plate Kit Dome Head (4-pc.)
030302	Satin Dome Head (2-pc.)
030309	Polished License Plate Kit Dome Head (4-pc.)
030310	Polished Dome Head (2-pc.)
030311	Polished Acorn Shape Head (2-pc.)



LED LITE-N-BOLTZ ACCENT LIGHTING

LED Lighted Button Head Bolts, with hex head opening, can be used anywhere accent lighting is desired. There are countless applications for accent lighting including hot rods, street rods, motorcycles, boats, ATVs, RVs, personal watercraft, pick up trucks, 4x4's, 18-wheelers and even industrial applications. 12-Volt Lighted Button Head Bolts contain two lights per package, measure 5/16" x 3/4" and are made from high grade stainless steel and available in six vibrant colors. 9/16" outside diameter of button head.

LED ACCENT LIGHTING

Part #	Color	Part #	Color
030303	White (2-pk)	030306	Green (2-pk)
030304	Red (2-pk)	030307	Blue (2-pk)
030305	Amber (2-pk)	030308	Purple (2-pk)





HUB & ROTOR COVER

- Protection from hot brake drums and rotors
- Prevents potential of serious burns or cuts
 - Aluminized mylar adhered to glass fiber matting
 - Withstands 2000° F radiant / 500° F of direct continuous heat
 - Protection against dirt, dust & airborne particles around track or shop
 - Measures 14" L x 7" W x 13" H

HUB & ROTOR COVER

Part #	Description
010485	Hub & Rotor Cover



DYNO STRAP HEAT GUARD

- Protect dynamometer tie-down straps from burn-through caused by exhaust exit heat
- Made of a hi-temp resistant aluminized mylar material
- Withstands 500° F direct / 2000° F radiant heat
- Easily slips over dyno tie down strap
- 36" long x 5" wide

NOTE: Not for direct pipe contact

DYNO STRAP HEAT GUARD

Part #	Description
010466	Dyno Strap Heat Guard

PIT CREW SAFETY KIT



Protective eyewear, ear plugs and sleeving.
Kit Includes:

Safety Glasses

- Wrap-around style
- 100% UV protection & scratch resistant clear lenses

Safety Sleeve (18")

- Kevlar™ with superior cut, slash & heat resistance
- Thumb-hole sleeve extends past wrists
- Protects to 900° F

Ear Plugs

- Single-size fits all
- Noise Reduction Rating of 25 dB
- Attached with a breakaway cord

PIT CREW SAFETY KIT

Part #	Description
070540	Pit Crew Safety Kit

THE FOLLOWING ARE AVAILABLE SEPARATELY

Part #	Description
070520	Safety Sleeve (single)
070521	Safety Sleeve (pair)
070530	Ear Plugs

SAFETY GLASSES

Black-frames with impact resistant lenses, wrap-around style protective eyewear meets ANSI Z87 general purpose requirements offering 100% UV protection, scratch resistant and available in three different color lenses.



SAFETY GLASSES

Part #	Description
070513	Clear lenses
070514	Yellow lenses
070515	Smoke lenses

LITE-N-BOLTZ™ PLAN-O-GRAM



Combining both License Plate and Lighted Button Head Bolt lighting kits, this display features the nine fastest moving 12-volt LED part numbers.

- Universal applications-multiple uses
- Includes display header card
- Display measures 9-1/2" L x 24" H (w/ header card)

LITE-N-BOLTZ PLAN-O-GRAM

Part #	Description
030100	LED Lite'N Boltz Plan-O-Gram

RADIATOR RELIEF™

HIGH PERFORMANCE COOLANT ADDITIVES

All Radiator Relief coolant additives are specially formulated to reduce the bubbles that form on hot metal surfaces, such as cylinder heads, known as surface tension. Radiator Relief reduces heat transfer from the engine to the coolant while reducing cavitation and scaling.

Radiator Relief is an excellent method of treating cooling systems as a preventive step to help avoid overheating, electrolytic (electrolysis) and chemical corrosion and is compatible with all coolant additives and anti-freeze mixtures. Both an anti-foaming agent and corrosion inhibitor which balances the negative acidic effects that can develop over time are also included. Radiator Relief is also safe to use with all types of radiator materials including cast iron, copper, brass and aluminum.

- Reduces engine temps up to 30 °F
- Includes anti-foaming agent
- Corrosion inhibitor
- Reduces pre-existing scale build-up
- Compatible with all types of anti-freeze products
- 1oz per quart of coolant

SIMPLY POUR INTO COOLING SYSTEM



RADIATOR RELIEF

Part #	Description
040200	16 oz bottle
040104	32 oz bottle

Available in
32oz size



HEATER HOTTER™

- Accelerates transfer of heat from engine to heater
- Improves engine warm-up time by 50%
- Safe with all types of anti-freeze
- Helps reduce engine wear

HEATER HOTTER

Part #	Description
040206	16 oz bottle

RADIATOR RELIEF™ FOR DIESELS

- Blended for extreme use
- Decrease coolant temp up to 30°F
- Concentrated for larger systems
- Quicker warm-up
- Helps reduce engine wear
- 1oz per quart of coolant

RADIATOR RELIEF FOR DIESELS

Part #	Description
040204	16 oz bottle





CRYO²™

THE POWER OF COOL

CryO²™ is a revolutionary product designed to reduce air and fuel temperatures thus creating more power. Through the science of aerodynamics and cryogenics, Design Engineering has developed a system to harness the cryogenic properties of liquid CO₂ to lower the intake charge temperature by up to 50°F. The system is modular and can be easily expanded. The CryO² system provides two methods for cooling the air charge and one for cooling fuel, all utilizing the same burst of liquid CO₂. CO₂ is readily available at any welding or medical supply locations or where paintball guns are charged. The Power of COOL - Welcome to the future of power.

CO₂ is readily available at welding shops, medical supply locations, or at paint ball filling stations.

SPRAYERS & TANKS



INTERCOOLER SPRAYER

Cryo² Intercooler Sprayers mount directly to the front of air-to-air intercoolers and serves as a way to vent the liquid CO₂ directly on to the cooling fins thus, enhancing the performance of the intercooler by more than 50% eliminating intercooler heat soak. This component must always be the last in the Cryo² system as it vents the liquid CO₂ charge.

INTERCOOLER SPRAYER

Part #	Description
080130	Front Mount - 16" x 5"
080131	Front Mount - 8" x 4"
080134	Front Mount - 19" x 9"



Fittings and hardware included for multiple mounting options

CRYO² INTERCOOLER SPRAYER KIT

- Enhances intercooler thermal transfer ability
- Lowers air temperatures by as much as 35%
- Improves intercooler efficiency by as much as 50%
- Non-injectable system - Ability to run more boost safely
- Straight forward, easy bolt on installation
- CO₂ is less expensive to refill than nitrous

Kit includes:

- 10 lb. tank and brackets
- Cryogenic solenoid valve
- 14 ft. stainless steel braided supply line
- Arming, activation, & WOT switches
- All necessary CO₂ fittings & electrical hardware
- 16" x 5" front-mount intercooler sprayer & hardware

INTERCOOLER SPRAYER KIT

Part #	Description
080108	Cryo ² Intercooler Sprayer Kit



CRYO² TANK & INSTALLATION KIT

The foundation of every Cryo² system
Each kit includes (with or without tank):

- 10 pound CO₂ tank
- Tank mounting brackets (10lb Dia. Max 7.375" - Min. 6.875")
- Cryogenic solenoid valve
- 14 ft. stainless steel braided supply line
- Arming, activation, and WOT switches
- All necessary CO₂ fittings and electrical hardware

NOTE: Kit necessary to utilize Cryo² components.
Only one kit is needed to operate all components

TANK & INSTALLATION KIT

Part #	Description
080102	10 lb. Tank and Installation Kit
080103	10 lb. Spare Tank
080105	10 lb. Installation Kit Only (without tank)

NOTE: • 10 lb. tank: 6-3/4" Dia. base, 20" tall



AIR INTAKE & INTAKE BULBS



The CryO²™ patented* Air Intake consists of an aerodynamically designed bulb with a cryogenic chamber mounted in a short segment of air tube. Air is cooled as it passes over the bulb, resulting in a cooler, denser, more powerful intake air charge. Testing showed up to a 50°F reduction in intake air temperature.

- Designed for turbocharged, super-charged, & N/A applications
- Multiple units increase results
- Large 4 1/2" O.D. for Diesel & hi-power applications
- Complete with silicone coupler, hose clamps, vent cap, & braided line

NOTE: Air Intake Bulb (w/legs) available separately # 080119 & # 080117

AIR INTAKE & INTAKE BULBS

Part #	Description
080110	Air Intake - 3" O.D.
080111	Air Intake- 2 1/2" O.D.
080112	Air Intake- 4" I.D. / 4 1/2" O.D.
080117	Air Intake Bulb 1.75" - Bulb & legs only
080119	Air Intake Bulb 1.25" - Bulb & legs only

* U.S. Patent Number: 6,675,781

INTERCOOLER WATER SPRAYER KIT



- Universal kit designed for all air-air I/Cs & heat exchangers
- Use with or without our CryO²™ Intercooler Sprayers
- Light-weight construction
- 1.25 quart capacity
- Complete kit including all hardware & instruction



INTERCOOLER WATER SPRAYER KIT

Part #	Description
080140	Intercooler Water Sprayer Kit

FUEL CHILLER SYSTEM



The CryO²™ Fuel Chilling System takes fuel chilling to the next level! Four times more effective than "Cool Can" devices. Utilizes CO₂ for cooling, not ice. Internal tube/baffle design maximizes surface area complete with -4AN fuel fittings, 6AN fittings, mounting brackets, and hardware.



Cooling Tubes

FUEL CHILLER SYSTEM

Part #	Description
080125	Fuel Chiller System

ADJUSTABLE TIMER SWITCH



- Control the flow of CO₂ & extend bottle life
- Separately adjustable on time/off time controls
- 0.2 to 30 second adjustable duration range
- Includes Timer Switch, wiring, connection terminals & installation instructions.

ADJUSTABLE TIMER SWITCH

Part #	Description
080203	Adjustable Timer Switch

PURGE KIT

A purge blast of CO₂ will turn heads, command attention and crank up the “wow” factor a few notches. Some suggested mounting locations for a CryO²™ single or dual purge valve include hood scoops, front grill, air vents and fender wells – anywhere inquisitive spectators will be sure to appreciate a new and different “cool” experience.

Each kit includes:

- Pre-assembled purge tubes
- Solenoid valve & fittings
- Stainless steel braided hose

PURGE KIT

Part #	Description
080300	Single Purge Vent (Assembled Tube Only)
080301	Dual Purge Vent (Assembled Tubes Only)
080302	Complete Single Purge Kit (w/ hose & solenoid valve)
080303	Complete Dual Purge Kit (w/ hose & solenoid valve)



CRYO² COMPONENTS

All CryO² components are designed to work seamlessly with all CRYO² systems and kits. We create all of our components with the highest quality materials and the most stringent manufacturing processes.

CRYO² COMPONENTS

Part #	Description
080107	Tank Nut & Nipple to Male 4AN Assembly
080135	Line Splitter (for dual IC sprayers or purges)
080200	Cryogenic Solenoid Valve
080201	Stainless Steel Braided Hose 14'-4AN f
080202	Stainless Steel Braided Hose 2'-4AN f & 1/8 NPT m
080204	Stainless Steel Braided Hose 1'-4AN f & 1/8 NPT m
080205	Stainless Steel Braided Hose 3'-4AN f & 1/8 NPT m
080206	Stainless Steel Braided Hose 5'-4AN f & 1/8 NPT m
080210	1/8npt f - 1/8npt f Brass Union
080211	1/8npt m Brass Connector Fitting
080213	-Male x 1/8 npt Female Fitting
080214	1/4npt f - 4an m Brass Fitting
080215	1/8npt m - 4 an m Fitting
080216	“Y” block 1/8 NPT female all
080230	Full Wide Open Throttle Switch Kit
080231	Full WOT Switch Bracket
080232	Push Button Switch
080242	10 lb. Tank Mounting Bracket – short
080243	10 lb. Tank Mounting Bracket – tall
080250	Silicone Connector Sleeve Blue 2.5” ID
080251	Silicone Connector Sleeve - Black 3” ID





The Leader in Interior Heat & Sound Control

It's what the pros use.

Every car, truck, hot rod or homebuilt vehicle has a unique acoustic signature due to engine type, exhaust, tires, build quality as well as the effects caused by aftermarket accessories. This can create a hot, noisy, uncomfortable environment for the driver and passenger. Boom Mat has developed the highest quality materials to combat this problem, and to create a cool, comfortable interior for any vehicle.



Where to use...

Making an interior cool and comfortable is a multi-step process.

1... Dampen vibrations on metal surfaces. Use Boom Mat damping material covering 50% of all interior surfaces.

2... Keep out the heat and noise. Use Under Carpet Lite to block 85% of unwanted heat from engines, transmissions and exhaust systems while absorbing interior noises.

HOOD

Under Hood Thermal Acoustic Liner

Protects hoods & paint from engine heat & reduces engine noise

FIREWALLS

Damping Material to control vibration

Under Carpet Lite to absorb sound & block heat

Floor & Tunnel Shield II to block out heat before it enters the vehicle

FLOOR BOARDS • TRANS TUNNELS

Damping Material to control vibration

Under Carpet Lite to absorb sound & block heat

Floor & Tunnel Shield II to block out heat before it enters the vehicle

DOOR SKINS

Damping Material to control vibration

Heat Moldable to barrier out sound & moisture

Speaker Baffles Protects speaker & enhance sound

SPEAKER DECK REAR BULK HEADS

Damping Material to control vibration

Under Carpet to barrier out sound

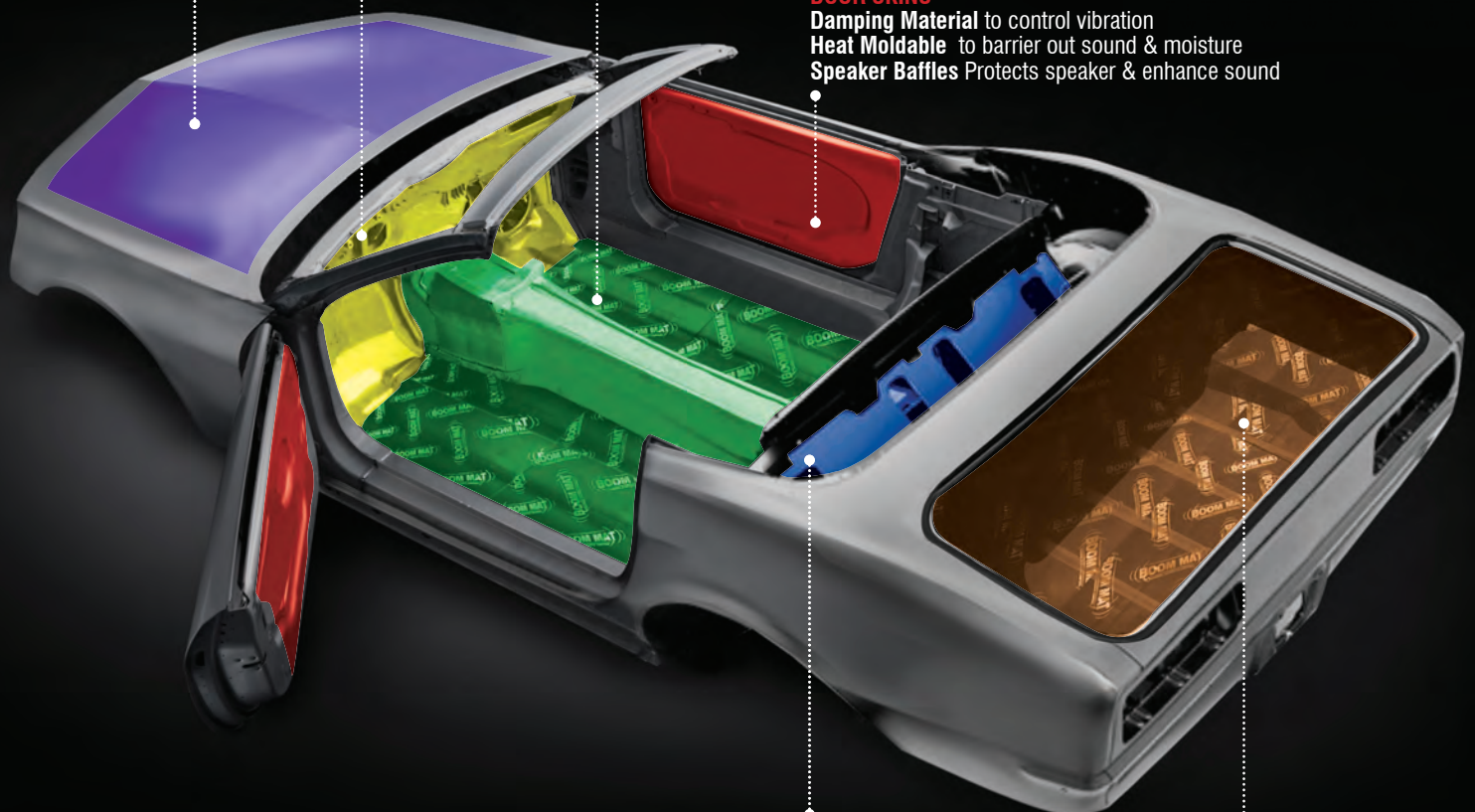
Speaker Baffles Protects speaker & enhance sound

TRUNKS

Damping Material to control vibration

Leather Look to barrier out sound

Under Carpet to barrier out sound





DAMPING MATERIAL

Use as a first layer for areas with contours and bends for vibration damping needs.

WHERE TO USE

2015 Goodguys Street Machine of the Year



Mike Goldman Customs uses Boom Mat



2mm BOOM MAT

Part #	Description
050200	12" x 12-1/2" (2 sheets) (2.1 sq. ft.)
050202	12" x 12-1/2" (4 sheets) (4.2 sq. ft.)
050204	12" x 12-1/2" (8 sheets) (8.3 sq. ft.)
050206	12-1/2" x 24" (6 sheets) (12.5 sq. ft.)
050210	12-1/2" x 24" (10 sheets) (20.8 sq. ft.)
050212	12-1/2" x 24" (20 sheets) (41.7 sq. ft.)
050214	12-1/2" x 24" (30 sheets) (62.5 Sq Ft)

BOOM MAT™ & BOOM MAT XL™

The thickest most effective damping material available



We would like to introduce our new premium quality damping material in two new thicknesses; 2mm and 4mm. The 2mm version is 33% thicker than our original material and Boom Mat XL is 4mm thick and is 166% thicker than our original damping material providing extreme noise damping for the most demanding commercial and sound competition applications.

Interior panels vibrate and generate noise. Boom Mat stops that noise by trapping it between our thick, 4 mil aluminum stiffening top skin, and the asphalt free, pure butyl, noise constraining layer. Plus worry-free no sag adhesion to any interior surface, vertical or overhead, even in the most demanding of temperature extremes. Those quality components are what make Boom Mat Vibration Damping Material require only 25-50% coverage to get the job done. This saves weight, material cost and installation time.

- Enhances stereo performance & sound
- Gives you a quiet & comfortable interior
- Minimal prep & install time
- Performs in extreme temperatures



4mm BOOM MAT XL

Part #	Description
050221	12-1/2" x 24" (2 sheets) (4.2 sq. ft.)
050222	12-1/2" x 24" (5 sheets) (10.4 sq. ft.)
050223	12-1/2" x 24" (10 sheets) (20.8 sq. ft.)
050224	12-1/2" x 24" (15 sheets) (31.2 sq. ft.)



BOOM MAT™ SPRAY-ON

Boom Mat Spray-On damping is designed to reduce the vibration from structure borne noise in those hard to reach areas such as trunk interiors, fender wells, undercarriage, body panels, rear quarters and inside door panels.

- Lets you get into hard to reach areas
- Can paint to match any color scheme
- Covers a huge 20 sq. ft. area
- Will seal out moisture preventing rust
- Saves time with a quick & easy install... just shake and spray!

PAINTABLE FINISH



Perfect for hard to reach areas where Boom Mat sheets are difficult to apply

BOOM MAT SPRAY-ON

Part #	Description
050220	Boom Mat Spray-On 18oz 6 per master carton

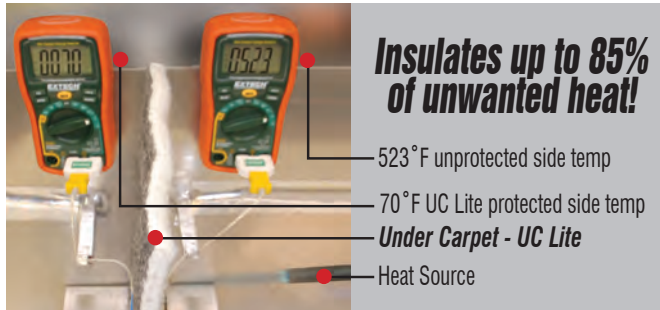
INSULATION & SOUND ABSORPTION



UNDER CARPET LITE™

Under Carpet Lite - UC Lite is a light weight, superior thermal insulating and sound absorbing material. This 1/2" thick multi-layer, high tech composite material is designed to be extremely flexible and easy to install. UC Lite provides relief from scorching summer heat and brutal winter temperatures while absorbing annoying road, tire and exhaust noise. All in one economical, light weight insulating solution.

- Comfortable interior at any temperature
- Quick & easy installation
- Enhanced stereo performance & sound
- Economical insulating solution
- Light weight for high performance applications



UNDER CARPET LITE

Part #	Product Description
050110	24" X 70" (11.6 sq. ft.)
050111	48" X 70" (23.3 sq. ft.)
050112	BULK 1 Linear ft. X 70" W
050113	70" X 72" (35 sq. ft.)



Use as a second layer over Boom Mat to block up to 85% of heat and absorb sound



BOOM MAT ALL-IN-ONE INTERIOR KITS

Take the guess work out of thermal and acoustic control... All in one part number! A simple and cost-effective, universal-fit, sound deadening & thermal insulation kit.

STEP 1: Apply Boom Mat vibration damping material to remove structure borne vibrations, squeaks & rattles. Also apply damping material to door skins for that nice solid "thud" when closing your vehicle door.

STEP 2: Apply Boom Mat Spray-On to reduce the noise from structure borne vibration in hard to reach areas such as trunk interiors, fender wells, undercarriage, body panels, rear quarters and inside door panels.

STEP 3: Apply Under Carpet Lite over damping material on firewalls and floor boards to block up to 85% of heat transferred from engine, transmission and exhaust system while offering additional noise control.



SMALL TO MEDIUM VEHICLES

Part #	Description
050500	Boom Mat Interior Kit (Small to Medium Vehicles)
Kit Contents:	
Boom Mat Damping Material (25 sq.ft.)	
6ft. x 70" Roll of Under Carpet Lite (35 sq.ft.)	
Boom Mat Spray-On (18oz. can)	

FULL SIZE VEHICLES

Part #	Description
050499	Boom Mat Interior Kit (Full Size Vehicles)
Kit Contents:	
Boom Mat Damping Material (41.7 sq.ft.)	
10ft. x 70" Roll of Under Carpet Lite (58.3 sq.ft.)	
Boom Mat Spray-On (18oz. can)	

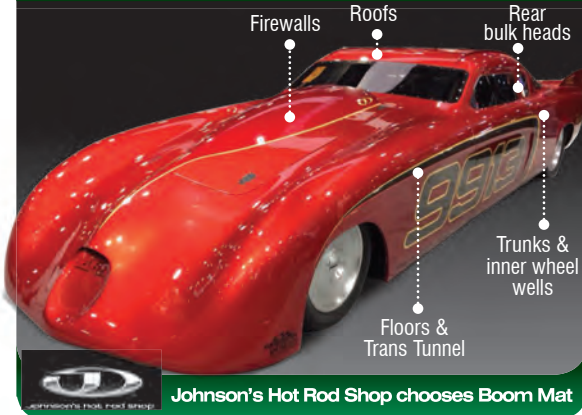




SOUND BARRIERS

Use as a second layer over Boom Mat to barrier out road and engine noise

WHERE TO USE



UNDER CARPET™

Under Carpet (UC™) is a second layer sound deadening and insulation mat. The heavy duty, mass loaded barrier layer provides the density needed to block all exterior noise providing a quiet, theatre-like environment. While the marine grade acoustic foam decoupling layer adds to both the acoustic and thermal insulating properties. When used in conjunction with Boom Mat Damping Material, you create the perfect combination of noise and vibration control maximizing interior comfort.

- Maximum noise control
- A quiet & comfortable interior
- No mold or mildew issues
- Perfect combination of noise & vibration control

UNDER CARPET

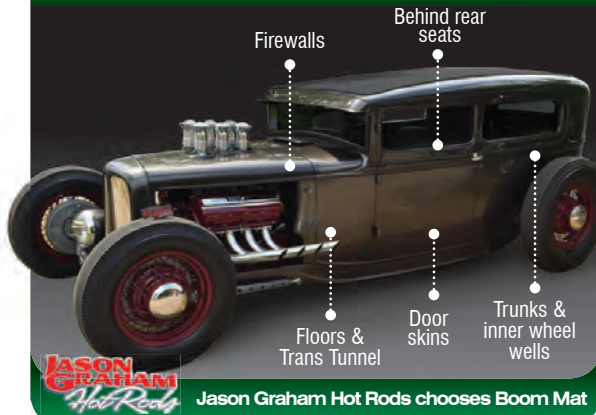
Part #	Description
050100	24" X 54" (9 sq. ft.)
050101	48" X 54" (18 sq. ft.)
050102	BULK 1 Linear ft. X 54" W

ONLY 3/8" THICK!



Use by itself or as an economical sound barrier on top of Boom Mat damping material.

WHERE TO USE



HEAT MOLDABLE SOUND & MOISTURE BARRIER

Boom Mat Moldable™ Barrier is a highly flexible, .5lb/ft² sound barrier designed for those applications where a budget conscious, simple noise control solution is needed. Easily installs with scissors and a heat gun and bonds to itself where seaming is necessary. In addition, it's waterproof properties along with it's thin profile, make it the ultimate material for a sound and moisture barrier behind door panels. You'll find your own uses for this unique and versatile product.

- Easy installation
- Cost effective sound & moisture barrier
- Custom molded fit with heat application
- Easy removal for repairs or service

PERFECT FOR REPLACING KRAFT PAPER OR PLASTIC DOOR MOISTURE BARRIERS!

ONLY 1/16" THICK!

HEAT MOLDABLE BARRIER

Part #	Description
050103	24" X 54" (9 sq. ft.)
050104	48" X 54" (18 sq. ft.)
050105	BULK 1 Linear ft. X 54" W

SOUND BARRIERS



LEATHER LOOK™ SOUND BARRIER

Leather Look provides all the benefits of Under Carpet Sound Barrier with the addition of a finished leather look. Ideal as a second layer for exposed areas. Perfect uses include covering speaker boxes, package trays, trunks, door panels and headliners. With its durable wear-rated surface, don't be afraid to use on the floor boards in lieu of carpeting.

- Stylish finished appearance
- Maximum noise control
- A quiet & comfortable interior
- No mold or mildew issues



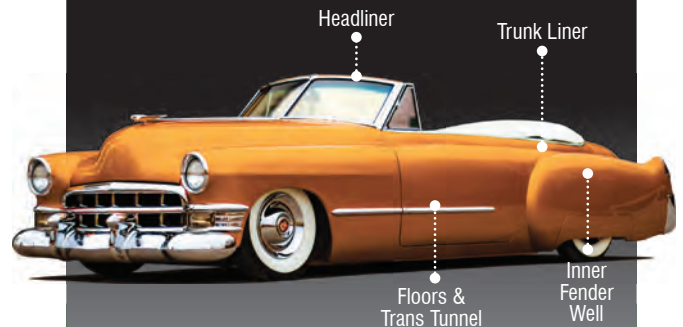
ONLY 3/8" THICK!

LEATHER LOOK SOUND BARRIER

Part #	Description
050120	24" X 48" (8 sq. ft.)
050121	48" X 48" (16 sq. ft.)
050122	BULK 1 Linear ft. X 48" W

Use as a second layer over Boom Mat for the quietest ride possible with a finished leather look.

WHERE TO USE



Ryans Rod & Custom chooses Boom Mat



Leather Look gives trunks a custom finished appearance while keeping out annoying road noise!!

Heat Moldable Barrier Installation as easy as 1... 2... 3...

1.

Trim to size

2.

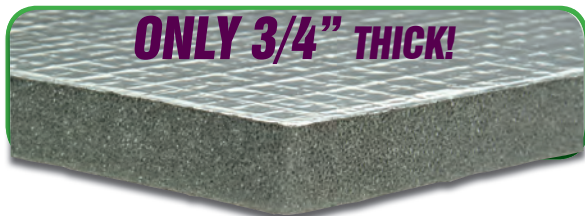
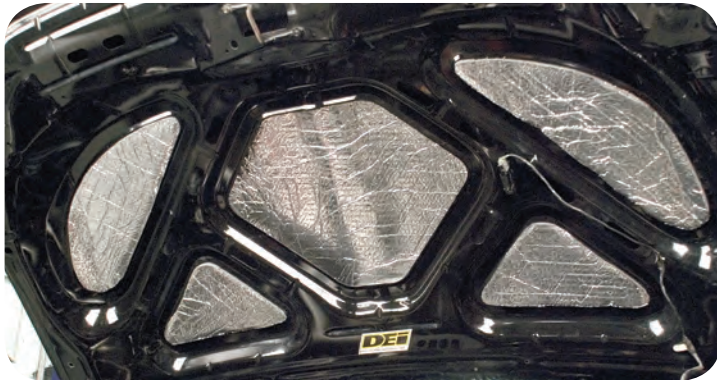
Apply heat

3.

Install complete

THERMAL BARRIER

Use as a heat and noise barrier to control under hood temps.



UNDER HOOD™ THERMAL ACOUSTIC LINER

Designed primarily for the engine compartment as a way to greatly reduce heat and noise with an easy peel and stick product anyone can install. Engine heat and noise often is a problem with today's modified vehicles packed with high performance components. The use of Under Hood™ Thermal Acoustic Lining can help solve this issue.

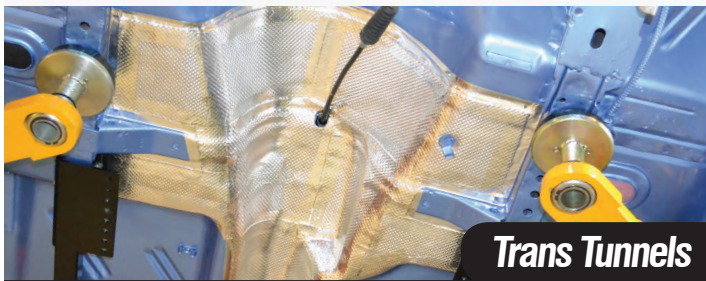
- Cooler hood surfaces protects your paint
- Reduced engine noise for quieter passenger compartment
- Easy peel & stick installation
- Resists mold & mildew issues

Excellent heat and noise control lining for RV engine covers, boat engine bay doors generator boxes and more!

UNDER HOOD THERMAL ACOUSTIC LINER

Part #	Product Description
050130	32" X 54" (12 sq. ft. size)

Use as barrier to reflect and insulate from any heat source



Trans Tunnels



Fire Walls



Above Exhausts

FLOOR & TUNNEL SHIELD II™

EXTREME HEAT BARRIER! All the great heat and sound insulating features of our original Floor & Tunnel Shield II™, but with a modern, multi-faceted, aluminum surface for even more reflectivity and rigidity. Withstands 1750°F of direct continuous heat with an aggressive self-adhesive backing. Easy to use - simply trim, peel and stick. For use on fire walls, transmission tunnels, floor boards, fuel cells and anywhere protection from heat is needed.

- Protection for engine components
- Protection for painted body panels
- Comfortable interior at any temperature
- Quick & easy installation
- Hi-temp adhesive for a "do-it-once" install

**UP TO 1750°F
EXTREME HEAT BARRIER!**



FLOOR & TUNNEL SHIELD II

Part #	Description
050507	21" X 24" (3.5 sq. ft.)
050508	21" X 48" (7 sq. ft.)
050509	42" X 48" (14 sq. ft.)

SPEAKER BAFFLES



SPEAKER BAFFLES

- Maximize speaker performance by isolating the correct frequency responses
- Dampen vibration in sheet metal and panel-to-frame resonance
- Forms a water tight protective shell to prevent moisture intrusion
- Closed cell polyethylene construction

All sold in pairs



ROUND SPEAKER BAFFLES

Part #	Description	Width	Height	Depth
050310	4" Round	6"	6"	3-1/2"
050311	4" Round Slim	6"	6"	2-1/2"
050320	5-1/4" Round	6-1/2"	6-1/2"	4"
050321	5-1/4" Round Slim	6-1/2"	6-1/2"	2-1/2"
050330	6-1/2" Round	7"	7"	3-1/2"
050331	6-1/2" Round Slim	7"	7"	3"
050340	6-3/4" Round	7-1/2"	7-1/2"	5"
050341	6-3/4" Round Slim	7-1/2"	7-1/2"	3"

OVAL SPEAKER BAFFLES

Part #	Description	Width	Height	Depth
050350	4" x 6" Oval	8"	6"	3-1/2"
050351	4" x 6" Oval Slim	8"	6"	2-1/2"
050360	5" x 7" Oval	8-1/2"	7"	4-1/2"
050361	5" x 7" Oval Slim	8-1/2"	7"	3"
050370	6" x 8" Oval	9-1/2"	7"	5"
050371	6" x 8" Oval slim	9-1/2"	7"	3"
050380	6" x 9" Oval	10-1/2"	7-3/4"	4-1/2"
050381	6" x 9" Oval Slim	10-1/2"	7-3/4"	3-1/2"

SPEAKER PERFORMANCE KIT

Boom Mat Speaker Performance Kit is the perfect solution for quickly improving speaker sound and performance by reducing vibrations and improving acoustics.

Kit includes 2 - 12" x 12.5" sheets of Boom Mat Damping Material. Simply remove speaker, apply Boom Mat on metal mounting surface, and re-install speaker. It's that simple!



SPEAKER PERFORMANCE KIT

Part #	Description
050199	Speaker Performance Kit

new

SPEAKER BAFFLE RETAIL DISPLAY

Boom Mat speaker baffles, made of closed cell polyethylene, maximize speaker performance by isolating the correct frequency responses for improved sound clarity, while damping reverberation in the sheet metal and panel-to-frame resonance. Also forms a water tight protective shell to prevent moisture intrusion. Available in sixteen (16) part numbers covering the most popular speaker sizes.

SPEAKER BAFFLE RETAIL DISPLAY

Part #	Description
500300	Speaker Baffle Retail Display Kit Contents includes 10" x 18" retail display sign, "Stock Out" cards, 24" x 48" Boom Mat banner and 2 pair of each:
050310	4" Round
050311	4" Round Slim
050320	5-1/4" Round
050321	5-1/4" Round Slim
050330	6-1/2" Round
050331	6-1/2" Round Slim
050340	6-3/4" Round
050341	6-3/4" Round Slim
050350	4" x 6" Oval
050351	4" x 6" Oval Slim
050360	5" x 7" Oval
050361	5" x 7" Oval Slim
050370	6" x 8" Oval
050371	6" x 8" Oval Slim
050380	6" x 9" Oval
050381	6" x 9" Oval Slim

OPTIONAL SLAT WALL HOOK KIT

Part #	Description
500900	4 - 8" Hooks 12 - 6" Hooks

OPTIONAL GRID PANEL DISPLAY

Part #	Description
500910	4 - 8" Hooks 12 - 6" Hooks 24" x 60" Grid Panel Pair of Free Standing Legs 4 - Wall Mount Hooks 4 - Sign clips

The perfect value added product to easily increase sales

new

Everything needed to grow profits in a easy to use and easy to set up POP display



OPTIONAL: Slat Wall Hook Kit Easily display speaker baffles on existing retail slat walls. (Baffles not included)



OPTIONAL: Grid Panel Display Display speaker baffles on black metal free standing or wall mount grid panel. (Baffles not included)



RETAIL STARTER KIT & TOOLS

BOOM MAT RETAIL STARTER KIT

Raise profits with thermal acoustic control products from Boom Mat.
An easy sell and great add-on when installing stereo components to raise profits.

Complete starter kit to help take the first step into the thermal and acoustic control market. Includes the necessary products to get the job done right and to help you close the sale.

- Retail display board for customer education
- Banner to hang for brand recognition
- 6"x 6" samples for your customers to touch & feel the quality
- Marketing materials to cover the basics of controlling heat & sound
- Decals to place throughout retail space area



BOOM MAT RETAIL STARTER KIT

Part #	Product Description	
500100	Boom Mat Retail Starter Kit	
Kit Includes:		
Qty.	Part #	Description
1	050202	12" x 12-1/2" (4 sheets)
2	050220	18oz Boom Mat Spray-On
1	050110	24" x 54" Under Carpet Lite
1	050130	32" x 54" Under Hood
2	050331	6-1/2" Slim Round Speaker Baffle
2	050381	6" x 9" Oval Slim Speaker Baffle
1	060603	Boom Mat Retail Display Board
1	060504	48" x 24" Boom Mat Banner
6	060526	Boom Mat Decal
2	500220	6" x 6" Sample Packs

FREE SALES MATERIALS!*

HI-TEMP SPRAY ADHESIVE



Hi-Temp Spray Adhesive provides high strength adhesion and bonds a wide variety of materials, including trims, foams, fabrics and more.

HI-TEMP SPRAY ADHESIVE

Part #	Description
010490	10 oz can (12 per master carton)

NOTE: Ideal for adhering DEI Heat Screen, Under Carpet Lite, Under Carpet, Leather Look and other DEI and Boom Mat products.



INSTALLATION TOOLS

Boom Mat has a handle on what DIYers and professional installers need to quickly and expertly trim and install Boom Mat materials.



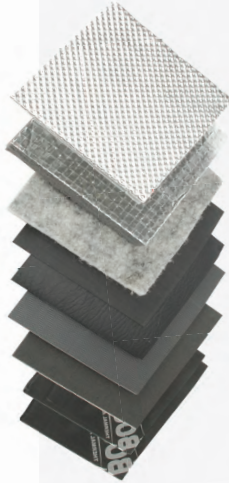
INSTALLATION TOOLS

Part #	Description
050216	Blade Lock Knife
050218	Installation Roller

MARKETING MATERIALS



SAMPLE PACK



- 6" x 6" samples of:**
- Floor & Tunnel Shield II
 - Under Hood
 - Under Carpet Lite
 - Heat Moldable
 - Leather Look
 - Under Carpet
 - 2mm Damping Material
 - 4mm Boom Mat XL Damping Material

SAMPLE PACK

Part #	Description
500220	6" X 6" SAMPLE PACK

BOOM MAT BANNER

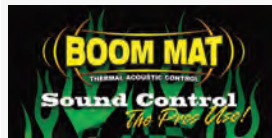


Measuring a full 48" x 24", these heavy mil vinyl banners have double-stitched edges for added durability and brass eyelets in each corner.

VINYL BANNER

Part #	Description
060504	Boom Mat Banner

BOOM MAT RETAIL DISPLAY SIGN



Measuring 21" X 10", these thick hard vinyl signs are perfect for directing customers to your Boom Mat retail display.

RETAIL DISPLAY SIGN

Part #	Description
060506	21" x 10" Retail Display Sign



BOOM MAT T-SHIRT



Boom Mat "Thermal Acoustic Control" design T-shirts. This high quality T-shirt is made of 100% cotton and is pre-shrunk.

BOOM MAT T-SHIRTS

Part #	Description
070130	Small
070131	Medium
070132	Large
070133	X-Large
070134	XX-Large
070135	3X-Large
070136	4X-Large
070137	5X-Large

BOOM MAT RETAIL PRODUCT DISPLAY BOARD



Measuring 12" x 18", this product display board gives your customer all the information they need at the point of purchase, to make an informed decision and make the buying process easy.

RETAIL PRODUCT DISPLAY SIGN

Part #	Description
060603	Retail Product Display Board

JEEP® HEADLINER RETAIL DISPLAY BOARD



Measuring 12" x 18", this product display board gives your JEEP customer all the information they need at the point of purchase, to make an informed decision and make the buying process easy.

JEEP HEADLINER RETAIL DISPLAY BOARD

Part #	Description
060604	Jeep Headliner Product Display Board

BOOM MAT DECAL



BOOM MAT DECAL

Part #	Description
060526	7" x 3" Decal



JEEP® HEADLINERS

JEEP® WRANGLER SOUND DEADENING HEADLINER

Riding in a Jeep is great fun except for the truck's propensity for interior noise that makes it difficult to hear conversations or enjoy your sound system. Now there is an easy solution. Boom Mat's new Jeep Wrangler Sound Deadening Headliner (available in two finishes) is a custom cut, peel and stick kit that dresses up the interior of Jeep hard tops while minimizing annoying outside noise. Constructed of high quality marine grade acoustical foam that resists mold and mildew while insulating from outside heat/cold and sound with an R4 value.



Optional 2-piece side window kit shown (See Page 43 for Side Window Kit Information)



- Headliner reduces noise levels 3 to 4 decibels.
- A significant change in noise level that will make it easier to have conversations and enjoy your favorite music.

Original Finish

2 DOOR KITS - JK MODELS

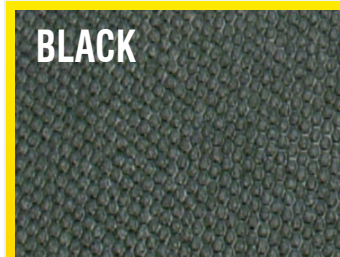
Part #	Description
050132	'07-'10 2-DOOR, BLACK
050136	'07-'10 2-DOOR, WHITE
050134	'07-'10 2-DOOR, GRAY
050138	'11-UP 2-DOOR, BLACK
050142	'11-UP 2-DOOR, WHITE
050140	'11-UP 2-DOOR, GRAY

4 DOOR KITS - JK MODELS

Part #	Description
050131	'07-'10 4-DOOR, BLACK
050135	'07-'10 4-DOOR, WHITE
050133	'07-'10 4-DOOR, GRAY
050137	'11-UP 4-DOOR, BLACK
050141	'11-UP 4-DOOR, WHITE
050139	'11-UP 4-DOOR, GRAY

'97 - '06 - TJ MODELS

Part #	Description
050143	'97-'06 TJ BLACK '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers
050144	'97-'06 TJ GRAY '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers
050145	'97-'06 TJ WHITE '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers
050146	'03-'06 TJ BLACK w/factory speaker pods
050147	'03-'06 TJ GRAY w/factory speaker pods
050148	'03-'06 TJ WHITE w/factory speaker pods



New Leather Look finish is easy to clean and durable for extreme offroading!



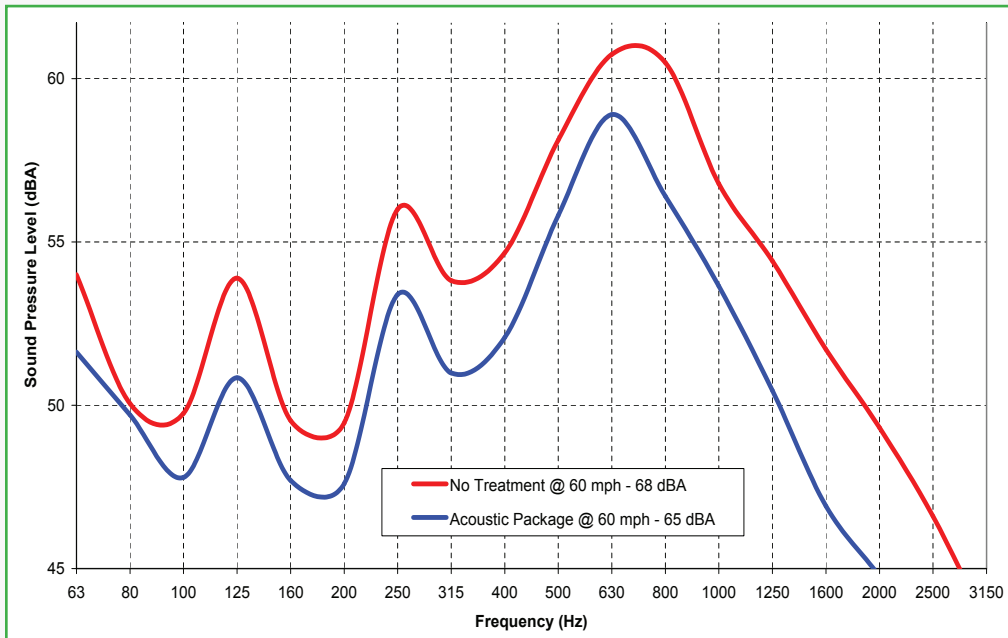
All New Leather Look

2 DOOR KITS - JK MODELS

Part #	Description
050156	'07-'10 2-DOOR, BLACK
050158	'07-'10 2-DOOR, GRAY
050160	'11 - UP 2-DOOR, BLACK
050162	'11 - UP 2-DOOR, GRAY

4 DOOR KITS - JK MODELS

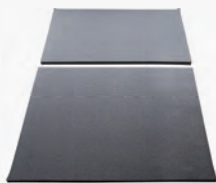
Part #	Description
050155	'07-'10 4-DOOR, BLACK
050157	'07-'10 4-DOOR, GRAY
050159	'11 - UP 4-DOOR, BLACK
050161	'11 - UP 4-DOOR, GRAY



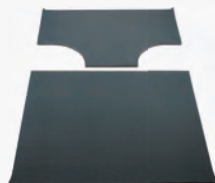
Reduces noise levels 3 to 4 decibels!

Reduces radiant heat from roof

Improves acoustics inside the vehicle



'97-'02 TJ
w/factory sound bar
'97-'06 TJ
with no roll bar speakers



'03-'06 TJ
w/factory speaker pods



'07-'10
2 Door



2011 and Up
2 Door



'07-'10
4 Door



2011 and Up
4 Door

CUSTOM CUT FOR SPECIFIC MODELS

JEEP WRANGLER SIDE WINDOW KITS

Complete headliner installations with our Jeep Wrangler Side Window Trim kit. A great finishing touch for the interior of any Wrangler!

- *The finishing touch that compliments your Jeep Sound-Deadening Headliner Kit*
- *Adds additional sound deadening & thermal insulation*
- *Available in black, gray or white.*

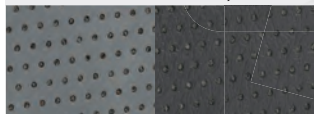


ORIGINAL FINISH

Part #	Description
050149	'11-UP 4-DOOR, BLACK
050150	'11-UP 4-DOOR, GRAY
050151	'11-UP 4-DOOR, WHITE
050152	'11-UP 2-DOOR, BLACK
050153	'11-UP 2-DOOR, GRAY
050154	'11-UP 2-DOOR, WHITE

ALL NEW LEATHER LOOK

Part #	Description
050163	'11-UP 4-DOOR, BLACK
050164	'11-UP 4-DOOR, GRAY
050165	'11-UP 2-DOOR, BLACK
050166	'11-UP 2-DOOR, GRAY



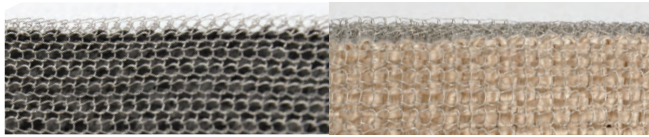
EXO SERIES™ EXHAUST & PIPE WRAP

EXO Series exhaust wrap is designed for extreme environment use. Traditional exhaust wraps have not been able to withstand the extreme use that Off-road, Dirt track, Desert and other forms of riding have with exposure to water and dirt. The EXO Series™ is a dual-layer design, using a combination of hi-temp glass fiber, covered with a 304 grade stainless steel exoskeleton. This unique construction maintains high heat protection while offering superior abrasion and impact protection. Our unique Air Gap Technology keeps direct contact of the glass fiber wrap off the hot surface creating an insulating air barrier.

The EXO Series™ exhaust wrap comes in a special 1.5" width, making it easy to install on any type of header, exhaust pipe or exhaust system making it perfect for high impact spot protection. In addition, the stainless steel exoskeleton locks together when overlapped keeping wrap tight and making installation easy. Delivering outstanding looks and rugged performance for long term durability, available in Black or Tan in either 1.5" x 10' or 1.5" x 20' rolls.

EXO SERIES EXHAUST & PIPE WRAP

Part #	Description
010075	1.5 x 10 Tan
010076	1.5 x 20 Tan
010077	1.5 x 10 Black
010078	1.5 x 20 Black



BLACK

TAN



MOTORCYCLE EXHAUST WRAP KIT

The perfect kit for most V-Twin applications! Each kit includes two 2" x 15' rolls of exhaust wrap, eight 8" & four 14" stainless steel Locking Ties to secure wrap and HT Silicone Coating spray that penetrates, seals, protects and preserves wrap.

MOTORCYCLE EXHAUST WRAP KITS

Part #	Description
010330	Black Wrap w/Black HT Silicone Coating
010331	Tan Wrap w/Aluminum HT Silicone Coating
010332	Tan Wrap w/White HT Silicone Coating

WIDE BAND CLAMPS

Our new Wide Band series of clamps are the perfect choice if you are looking to enhance the look of our Exhaust wrap on your vehicle or motorcycle. These clamps are extra wide to cover the end of the wrap and give a clean transition from wrap to pipe. Made entirely from 300 series stainless steel, they will stay looking new for years. Available in two of the most popular pipe sizes.

- Can be polished to a show finish
- Great as an exhaust clamp
- Provides a clean transition from wrap to pipe.

WIDE BAND CLAMPS

Part #	Description
010214	2-3/8" (2.25" - 2.56" range)
010215	2" (1.88" - 2.19" range)



GREAT FOR:

Covering the end of the wrap and give a clean transition from wrap to pipe.

Can be polished for a show finish



UNDER TANK HEAT REFLECTION KIT

Hot fuel reduces engine performance, stresses the fuel pump, and can lead to vapor lock. Using race fuel? Race fuel manufacturers recommend using reflective materials to help keep their specialty fuels temperature stable. DEI has come up with an effective kit to help combat this problem.

Simply line the underside of your fuel tank with self-adhesive Reflect-A-Cool™ (normal use) or Reflect-A-GOLD™ (extreme use) material and trim to shape. Each kit includes a 24" x 24" sheet of material along with a 1 1/2" x 15ft roll of heat reflective tape to cover seams and irregular shapes.



UNDER TANK HEAT REFLECTION KIT

Part #	Description
010463	Under Tank Insulation Reflect-A-Cool Kit
010464	Under Tank Insulation Reflect-A-GOLD Kit

BODYWORK PROTECTION KIT

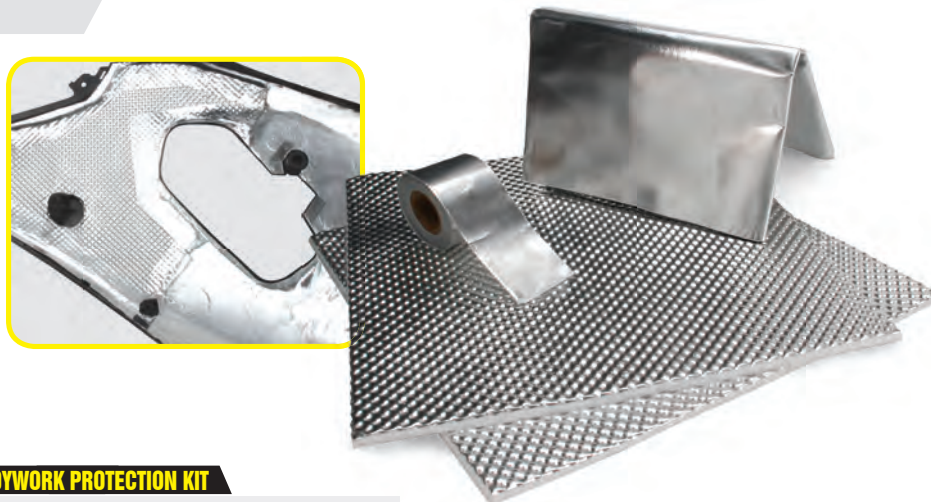
DEI has come up with the perfect kit to help protect against excess heat on any powersports vehicle. It includes a combination of DEI's lightweight, reflective materials perfectly sized for powersports applications. This kit is great for use on fairings, air boxes, seat pans, rear fenders, etc. Installation is easy.

All materials have a self-adhesive backing and can be trimmed easily to shape and are designed to form-fit to irregular shapes. Each kit includes: one 12" x 24" DEI Reflect-A-Cool sheet, one 1 1/2" x 15ft roll of Cool Tape™, and two 10" x 10" sheets of Extreme Heat Barrier.

- Great for:
- Roadracing bodywork
 - Replacing old OEM shielding
 - Additional heat protection

BODYWORK PROTECTION KIT

Part #	Description
010329	Bodywork Protection Kit



FUEL TANK COVER

It is vital to maintain stable fuel temperatures between sessions. Hot fuel results in less HP, increased fuel pump stress, and the increased risk of vapor lock. The DEI slip-on fuel tank cover is made from a 2mm felt backed Mylar material and is capable of reflecting up to 90% of the sun's heat. This helps prevent fuel in the tank from "baking in the sun" between green flags. Race fuel manufacturers recommend keeping your fuel cool. One size fits most bikes.

- Fast on & off, perfect for the paddock
- Reflects heat from the sun
- Helps prevent vapor lock

FUEL TANK COVERS

Part #	Description
010465	Fuel Tank Cover



POLARIS SLINGSHOT HEAT CONTROL KIT

new

Polaris® has redefined the powersports market segment with the recent introduction of its exciting three-wheeled Slingshot™. With its compact design and 4 cylinder engine, the muffler, catalytic converter, and exhaust manifold all reside in close proximity to one another on the right side of the vehicle. This concentration of heat easily transfers into the passenger area, cooking the floor and cockpit area.

To address the heat issue, DEI Powersports has developed a custom cut, 11 piece kit that includes a double walled main heat shield, a single walled floor pan heat shield, nine additional pieces to cover the transmission tunnel, rocker panels and center console. The end result is a cooler and quieter Slingshot; allowing for longer rides and improved comfort.

- Comprehensive 11 piece kit
- Pre-cut pieces for easier installation
- Passenger shield is double walled for maximum insulation

SLINGSHOT HEAT CONTROL KIT

Part #	Description
010089	2015-2016 Slingshot Heat Control Kit

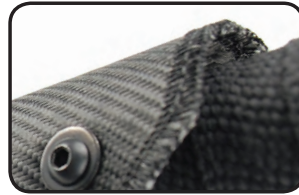
ONYX SERIES™ BLACK FLEXIBLE HEAT SHIELD

Utilizing a combination of advanced textiles, DEI has developed a heat shield solution that looks great and outperforms other conventional heat shields available today. This starts by joining two reinforced materials together forming a dual-layer design. The outer layer is a heat-treated glass fiber, bonded with molten aluminum and formed into a tight weave for durability and strength. The inside material is made of a specially treated, high temperature resistant fabric (89% silica) designed to withstand serious exhaust heat. The outer edge is finished off with a surge stitch for durability. All hardware is stainless steel. Can handle heat up to 1350°F, with an eye catching black finish.

- More effective than traditional metal heat shields
- Enhanced protection for legs and boots
- Great custom look



Stainless steel hardware



Standoffs create air gap for maximum heat dissipation

ONYX HEAT SHIELD

Part #	Description
010496	4" x 8" Length

TITANIUM™ PIPE SHIELD

Similar to the ONYX Series Heat Shield, our TITANIUM Heat Shields also utilize the same dual-layer design. However, the outer material is replaced with our TITANIUM textile material for greater flexibility. The inside material is made of a specially treated, high temperature resistant fabric (89% silica) designed to withstand some serious exhaust heat. All hardware is stainless steel. This shield also has the same performance rating up to 1350°F.

- More effective than traditional metal heat shields
- Matches TITANIUM Exhaust Wrap
- Wide variety of sizes



Stainless steel hardware



Two layers of heat protection

TITANIUM PIPE SHIELD

Part #	Description
010453	4" x 8" Length
010454	4" x 12" Length

APPAREL & MARKETING



T-SHIRTS

Choose from DEI "Flames" on back, CryO²™ "The Power of Cool", or the new Boom Mat "Thermal Acoustic Control" design T-shirts-each is bound to draw some attention. These high quality T-shirts are made of 100% cotton and are pre-shrunk.



DEI FLAME

Part #	Description
070100	Small
070101	Medium
070102	Large
070103	X-Large
070104	XX-Large
070105	XXX-Large

CRYO² LOGO

Part #	Description
070110	Small
070111	Medium
070112	Large
070113	X-Large
070114	XX-Large

BOOM MAT

Part #	Description
070130	Small
070131	Medium
070132	Large
070133	X-Large
070134	XX-Large
070135	3X large
070136	4X Large
070137	5X Large

HATS

DEI logo hats are FLEX FIT® brand and comes in two sizes. The DEI logo in silver embroidered on front left panel and center back. Black CryO² one size fits all with fabric tuck-in adjustment strap



DEI HAT

Part #	Size	Fits
070301	Small/Medium	Fits 6-3/4" - 7-1/4"
070302	Large/Extra Large	Fits 7-1/8" - 7-5/8"

CRYO² HAT

Part #	Size	Fits
070300	CRYO2 Black Hat	One size fits all

FLAMED SUNGLASSES

These popular wrap style sunglasses are made of high-impact resistant acrylic lenses and provide 100% UV protection along with their stylish design.



FLAMED SUNGLASSES

Part #	Description
070202	Black Frame w/Smoke Color Lens Red Flame

VINYL BANNERS

Measuring a full 48" x 24", these heavy mil vinyl banners have double-stitched edges for added durability and brass eyelets in each corner.



VINYL BANNERS

Part #	Description
060500	Yellow DEI Banner
060501	4 Color DEI Banner
060504	Boom Mat Banner

RETAIL PRODUCT DISPLAY BOARDS

4 product display boards to promote DEI & Boom Mat products! Using a combination of actual product samples and detailed product images, each board provides the ability to see and touch the product which can have a crucial influence on the ultimate buying decision.

- High impact eye-catching graphics
- Each measures 12" x 18"
- Easel-backed for countertop display
- Can hang on slatwalls & pegboards

RETAIL DISPLAY BOARDS

Part #	Description
060600	Exhaust & Accessories
060601	Heat & Sound Barrier
060602	Line & Hose Protection
060603	Boom Mat Thermal Acoustic Control

