

RESTORATION

RACING

HOTROD

POWERSPORTS

IMPORTS

I.M.O.D.

RV / VAN

MARINE

AVIATION

ATV / UTV

JEEP/OFFROAD

INNOVATIVE  
**HEAT &  
SOUND  
CONTROL**  
SOLUTIONS

2022 FULL LINE CATALOG





# FAMILY & QUALITY INNOVATIONS

Welcome! Thanks for taking the time to review DEI's newest full line catalog. As one of the leaders in application specific solutions for heat and sound issues, we, at DEI, have been busy developing a variety of new products to help deal with the ever-evolving needs of our customers. Like state of the art heat barriers, expanded line sleeving offerings and using technology to create precision fit parts. We are also hard at work updating our corporate infrastructure to help your future interactions with DEI run as smoothly as possible.

I would be remiss if I did not acknowledge the challenges of the past 18 months and the impact the pandemic has had on all of our lives. The times we live in have truly changed, but one thing has not, family. Through it all, the DEI family has stayed strong. We have risen to the occasion and we are better and stronger than ever. With new manufacturing equipment, expanded facilities, a new technological foundation and new members, DEI is ready to help you attain your goals. We're here for you just like you've been for us.

As always, please do not hesitate to contact us to discuss your heat and sound control challenges and together we will find a solution.

**Dave Markley**  
-President, Design Engineering, Inc.



DESIGN ENGINEERING, INC. FOUNDERS  
DALE & NANCY MARKLEY





# TECHNOLOGY DRIVES OUR INNOVATION

Technology has allowed us to create the most innovative, high quality solutions to heat & sound control problems. 3D scanning and CNC machining has allowed the fit and finish of DEI component to be second to none.



## HEAT CONTROL

There are three types of heat. Conduction, convection and radiation. We have solutions to control all of them for whatever you are working on. High quality reflective heat barriers and insulating materials to protect drivers and components to make you safer and more comfortable.



## SOUND CONTROL

Sound and noise are disruptive and can be very annoying. We have the right solutions to control sound, noise and to improve acoustics in any application. Whether restoring a hotrod, driving your Jeep, or working on noisy machinery, our high quality materials help eliminate loud, miserable environments.



## CUSTOM SOLUTIONS

For over twenty-five years now Design Engineering has been known for producing exceptional quality heat and sound control products primarily sold through the performance distribution system and major retailers. 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 have designed custom solutions for many industries 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 the businesses that come to Design Engineering for heat and sound solutions, recognize our capabilities and ability to come up with the correct, innovative product to solve a problem.





THERE IS A REASON THE BEST BUILDERS  
& RACE TEAMS USE DEI PRODUCTS

# QUALITY PERFORMANCE INNOVATION

We are honored that the best designers, builders and race teams choose to use DEI products. We have developed specialty products and custom solutions to solve heat and sound problems and to help our customers get to the finish line faster, safer, cooler, and more comfortable. Here is a list of just some of the world class companies that choose DEI products.

Photo courtesy:  
McGaffin Photography  
@mcgaffinphoto



EDDIE'S ROD AND CUSTOM  
CEDAR RAPIDS, IOWA



Rampage Camaro by Roadster Shop is part of Team DEI to control heat & sound



## '67-'72 Chevy/GMC Truck Custom Cut Interior Insulation Kits

- Pre-Cut heat & sound control kit for cool, quiet interiors
- CNC Cut for precise fitment
- Blocks heat & absorbs engine noise
- Takes the guess work out of what you need to do the job right
- Pre-cut pieces makes for easy installation



See Page 44 for more information

## '73-'87 Chevy/GMC Truck Custom Cut Interior Insulation Kits

- Pre-Cut heat & sound control kit for cool, quiet interiors
- CNC Cut for precise fitment
- Blocks heat & absorbs engine noise
- Takes the guess work out of what you need to do the job right
- Pre-cut pieces makes for easy installation



See Page 44 for more information

## '88-'98 Chevy/GMC Truck Custom Cut Interior Insulation Kits

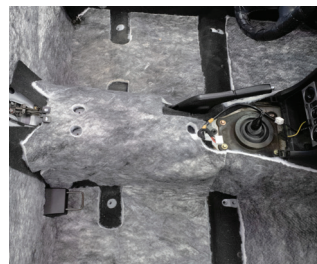
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- Pre-cut pieces makes for easy installation



See Page 44 for more information

## Mazda Miata Pre-Cut Insulation Kits

- Thermal insulating/sound absorbing under carpet kit
- CNC Cut for precise fitment
- Blocks heat & absorbs engine noise
- Replacement for factory padding & blocks heat for racing applications
- 1995-2005 Miata models



See Page 45 for more information

## Mazda Miata Vibration Damping Kits

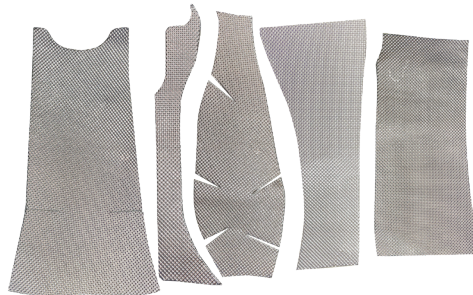
- Reduces noise & vibrations coming from metal body
- Keeps interiors cool & quiet
- Improved interior accoustics
- Easy peel & stick application
- Fits all Mazda Miata Models



See Page 45 for more information

## Mazda Miata Tunnel Heat Shield

- Reduces heat intrusion into the interior from transmission tunnel
- Keeps interiors cool & quiet
- Easy peel & stick application
- Fits all Mazda Miata Models



See Page 45 for more information



# NEW PRODUCTS

## Silver Boom Mat Damping Tape

- Easy to remove clear release liner
- Applications include:
  - Covering seams and gaps
  - Spot coverage for vibration
  - Secure and protect cables, wires and lines
- 1.5" x 20'



See Page 38 for more information

## Adhesive Transfer Tape

- Very Aggressive, High Tack Adhesive
- Double sided tape • Clean installation
- High Strength, long-term bond
- Scrim reinforcement
- Temperature resistance: -22°F to + 248°F
- Measures 3" wide x 32' length



See Page 48 for more information

## Titanium Knitted Sleeves™

- Made from our Titanium textile material
- Sleeve for larger exhaust pipes
- Max temp ratings of 1800F
- Expands up to 1.5 times diameter to allow for install over flanges & sensor threads
- Protect components
- Cut to length



See Page 10 for more information

## Reflective Aluminum Sheet

- 10 mil dimpled aluminum
- Block radiant heat & protect components
- Easily shape
- Great reflective layer where minimal clearance is needed
- Measures 42" x 48"

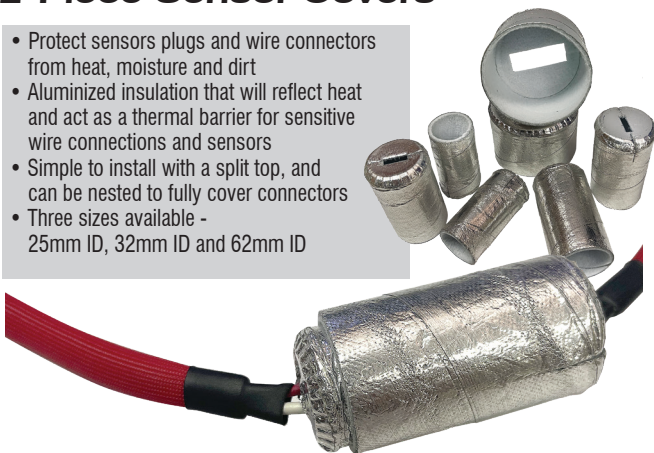


### REFLECTIVE ALUMINUM SHEET

Part #	Description
10043	Aluminum Sheet

## 2-Piece Sensor Covers

- Protect sensors plugs and wire connectors from heat, moisture and dirt
- Aluminized insulation that will reflect heat and act as a thermal barrier for sensitive wire connections and sensors
- Simple to install with a split top, and can be nested to fully cover connectors
- Three sizes available - 25mm ID, 32mm ID and 62mm ID



See Page 24 for more information

## IMPROVED FORMULA Hi-Temp Spray Adhesive

- Very Aggressive, High Tack Adhesive
- Single Sided Application
- High Build Web Spray
- High Strength, long-term bond

Improved Formula for bonding foam, fabric, metals, wood and of course DEI's heat and sound barrier materials. The spray is a web pattern for excellent coverage on all materials.



See Page 31 for more information



## Jeep® Wrangler LJ Sound Deadening / Insulating Headliner

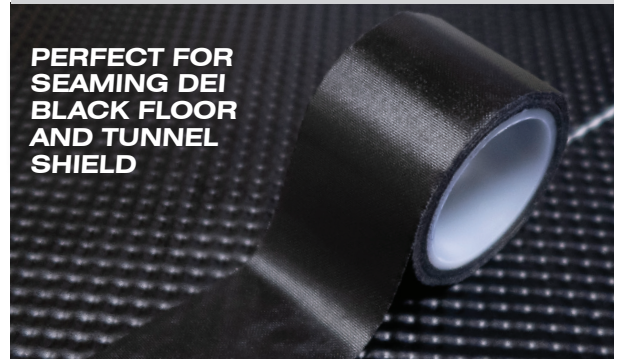
- New for JEEP longer LJ models
- Headliner reduces noise levels 3 to 4 decibels.
- A significant change in noise level that will make it easier to have conversations, enjoy your favorite music and insulating properties makes controlling interior heat and cold levels much easier.



**See Page 47 for more information**

## Black Seam Tape

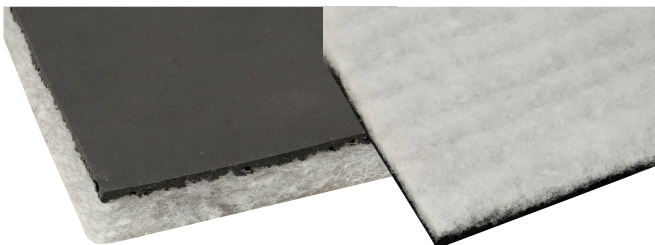
- Hides the seams and edges for DEI Black Floor & Tunnel
- Works great as a universal black tape
- Adheres to wood, steel, metal, aluminum, plastic & fiberglass
- Adhesive good up to 400°F



**See Page 27 for more information**

## Sound & Heat Barrier

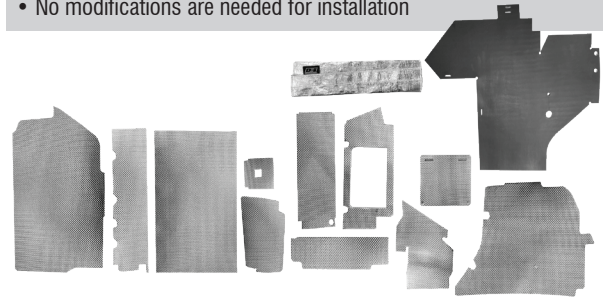
- Extremely light weight
- One solution for heat and sound control
- Easy to trim and install
- Fits great under carpets instead of jute or insufficient heat & sound control products



**See Page 39 for more information**

## 2014-2021 Kawasaki® Teryx Heat Control Kit

- Fits 2014-2021 Kawasaki Teryx 2-seat models
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation



**See Page 56 for more information**

## 2014-2021 Honda® Pioneer™ 700 & 700-4 Heat Control Kit

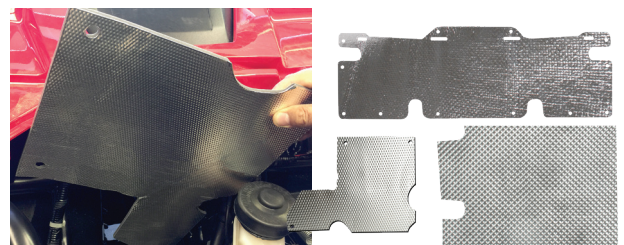
- Fits 2014-2020 Pioneer 700 & 700-4 models
- Reduces noise, vibration, and heat
- Only 3/16" thick, withstands radiant temperatures up to 1750°
- No modifications needed to install



**See Page 53 for more information**

## 2019-2021 Honda® Talon™ 1000 Heat Control Kit

- Fits 2019-2020 Talon 1000 2 seat models
- Front heat shield/mud deflector kit
- No modifications needed to install



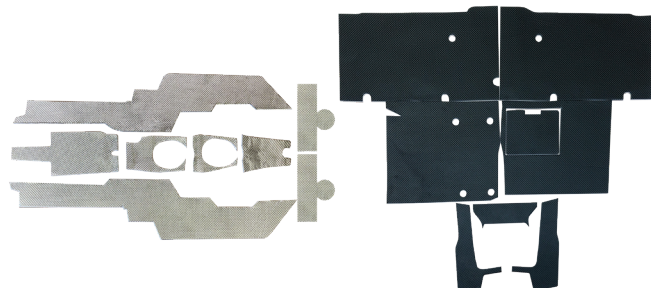
**See Page 53 for more information**



# NEW PRODUCTS

## 2019-2020 Polaris® RZR™ XP 1000 Heat Control Kit

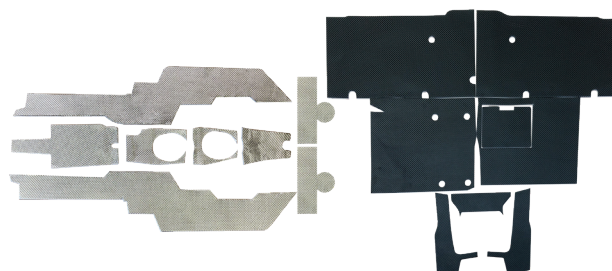
- Fits 2019-2020 Polaris RZR XP 1000 & RZR XP Turbo
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation



See Page 55 for more information

## 2019-2021 Polaris® RZR™ XP 4 1000 Heat Control Kit

- Fits 2019-2021 Polaris RZR XP 4 1000 & RZR XP 4 Turbo
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation



See Page 55 for more information

## 2014-2018 Can-Am® MAVERICK 2-Seater • Heat Control Kit

- Fits 2014-2018 Maverick Sport 2 seater
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation



See Page 54 for more information

## 2017-2020 Can-Am® MAVERICK X3 Heat & Sound Control Kit

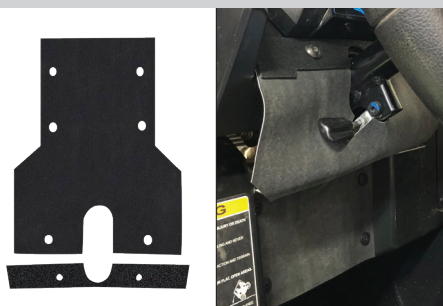
- Fits 2017-2020 Maverick X3 2 seater
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation



See Page 54 for more information

## Arctic Cat Wildcat XX Heat Control Kit

- Fits 2018-2020 Arctic Cat Wildcat XX
- Reduce heat intrusion from around steering column
- Block dirt and mud from getting into driver area
- Increases driver comfort



See Page 56 for more information

## Motorcycle Leg Shield

- Prevents leg burns
- Tough outer shell & insulated inner layer
- Measures 8" x 10"
- Adjustable up to 18" circumference (Approx 6" inside diameter)



See Page 57 for more information



# NEW PRODUCTS

## Custom Cut Motorcycle Heat Shield Liner Kits

- Reduces heat radiating from the exhaust system giving the rider and passenger a cooler ride. This is especially noticeable when the rider stops and puts their feet on the ground.
- CNC cut for a perfect fit • Completely hidden when installed

**No modifications needed to install**

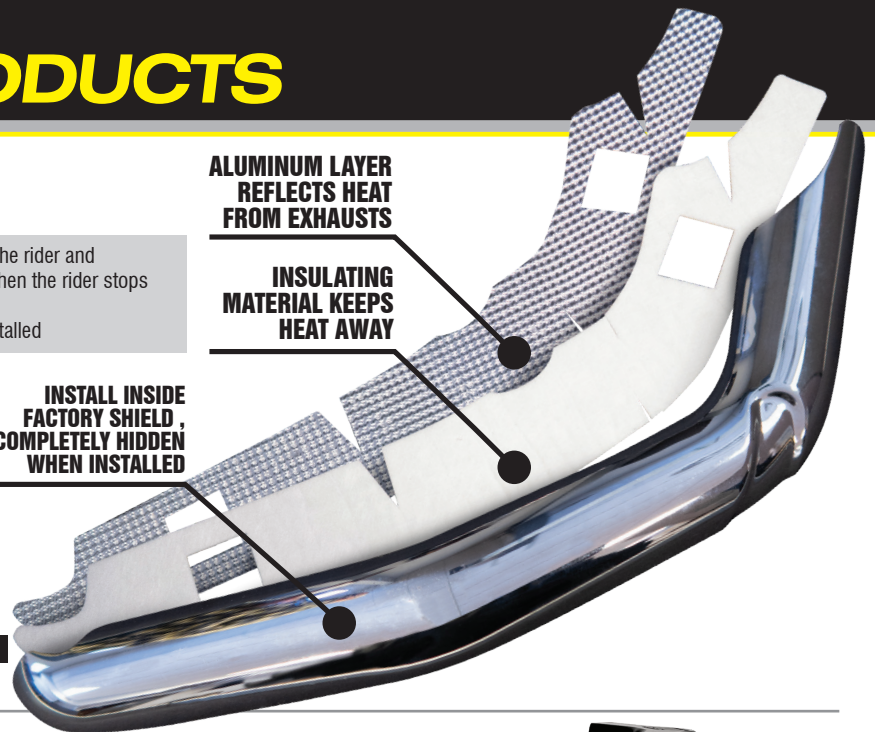


**See Page 51 for more information**

**INSTALL INSIDE  
FACTORY SHIELD,  
COMPLETELY HIDDEN  
WHEN INSTALLED**

**ALUMINUM LAYER  
REFLECTS HEAT  
FROM EXHAUSTS**

**INSULATING  
MATERIAL KEEPS  
HEAT AWAY**



## Wastegate Heat Shield

Performance is in the details. Our DEI Wastegate/Blow Off valve covers help reduce under hood temperatures and reduce the chance of burns when working under the hood. Made from the same type of construction as our Titanium Turbo Shields and made for a precise fit. Includes stainless wire for an easy install.

- Reduce underhood temps
- Same quality construction as our Titanium Turbo Shields
- Riveted tie downs for a secure fit
- Includes stainless wire for easy install

**See Page 15 for more information**



## Sprinter™ Van Custom Cut Insulation Kit

- Comfortable interior in all climates
- Quick & easy installation
- Economical insulating solution
- Damping material eliminates vibrations, squeaks & rattles
- Custom cut 30mm thick D-Mat insulation controls, heat, cold & absorbs noise
- Available for 2007 and up Mercedes Sprinter vans - Long & short wheel base

**See Page 43 for more information**



# THE ORIGINAL TITANIUM<sup>TM</sup> Exhaust Wrap

Technology

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 temperatures, oil spills & vibration breakdown



**AVAILABLE  
IN ORIGINAL  
TITANIUM OR  
BLACK  
TITANIUM**

## TITANIUM WRAP

Part #	Description
10125	2" wide x 33' roll
10126	1" wide x 50' roll
10127	2" wide x 50' roll
10128	1" wide x 15' roll
10129	2" wide x 15' roll
10130*	2" wide x 100' roll
10131	2" wide x 25' roll
10132	2" wide x 35' roll
10133*	1" wide x 100' roll
10134*	4" wide x 100' roll
10135*	6" wide x 100' roll

## BLACK TITANIUM WRAP

Part #	Description
10002*	2" wide x 100' roll
10003	2" wide x 50' roll
10004	2" wide x 25' roll
10005	2" wide x 15' roll

## RETAIL READY PACKAGING



\*Ships in non-retail packaging

## Titanium Knitted Sleeves<sup>TM</sup>

Titanium Knitted sleeves are available in different pre-cut lengths and by the foot sizes. They have a max temperature rating of 1800°F with a continuous rating of 1382°F. Perfect for larger exhaust pipes as they can expand up to 1.5 times normal diameter allowing to install over flanges and sensor threads. You can cut to length and simply roll the ends. Protect components and keep heat from transferring into cabins. Designed to fit 4" O.D. tube size.

- Flammability & burn test SAE J369, FMVSS 302, CMVSS, ISO 3795 and ASTM D5132. Passed
- Salt Spray test ASTM G85-11. Passed
- Absorption of humidity - <.01%
- Thermal Conductivity - .031-.038W/(mK)
- Thermal Expansion Coefficient - 8.00ppm/C
- Sound absorption coefficient - .09-.99%

## TITANIUM KNITTED SLEEVES

Part #	Description
10038	12" Length
10040	24" Length





## Glass Fiber

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

**Increases velocity & improves scavenging**  
**Lowers engine compartment and interior heat!**

- 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 withstand 1200°F direct heat



### TAN WRAP

Part #	Description
10101	1" wide x 50' roll
10102	2" wide x 50' roll
10103*	2" wide x 100' roll
10104*	6" wide x 100' roll
10105	1" wide x 15' roll
10106	2" wide x 15' roll
10109*	8" wide x 100' roll
10117*	1" wide x 100' roll
10137	2" wide x 25' roll

### BLACK WRAP

Part #	Description
10099	2" wide x 25' roll
10107	1" wide x 50' roll
10108	2" wide x 50' roll
10116*	2" wide x 100' roll
10118*	1" wide x 100' roll
10120	1" wide x 15' roll
10121	2" wide x 15' roll
10198*	6" wide x 100' roll
10085*	8" wide x 100' roll

\* Ships in non-retail packaging

## EXO Series™

EXO Series is designed for offroad and extreme environment use. EXO Series™ is a dual-layer design, using a combination of hi-temp glass fiber, 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.

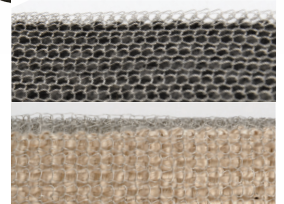
EXO wrap comes in a special 1.5" width, making it easy to install on any type of header, exhaust pipe or exhaust system. Perfect for high impact spot protection. The stainless steel exoskeleton locks together when overlapped keeping the wrap tight and making installation easy. Delivering outstanding looks and rugged performance for long term durability.

**Perfect wrap for trophy trucks, rat rods, ATV, dirt bikes & more!**



### EXO SERIES WRAP

Part #	Description
10075	1.5" x 10' Tan
10076	1.5" x 20' Tan
10059	1.5" x 30' Tan
10077	1.5" x 10' Black
10078	1.5" x 20' Black
10058	1.5" x 30' Black



Available in Tan and Black

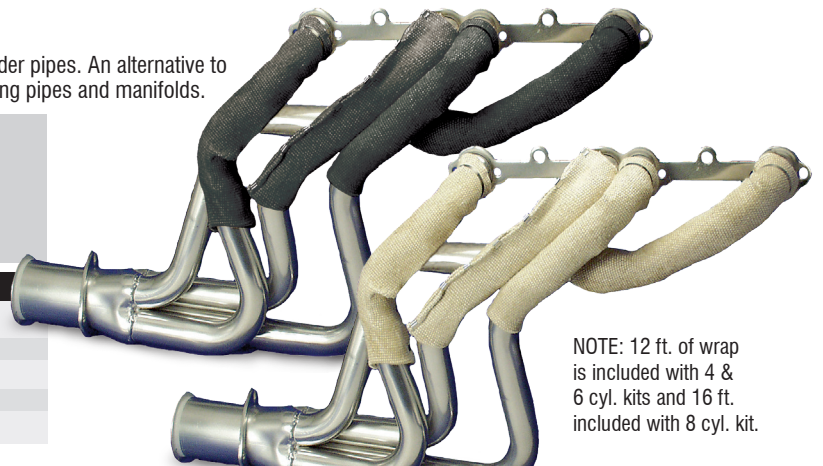
## Speed Sleeves™

Everything needed to cover and protect primary exhaust header pipes. An alternative to wrapping headers and ideal for protection from heat generating pipes and manifolds.

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

### SPEED SLEEVES

Part #	Description
10083	Black 8 cylinder
10084	Black 4 & 6 cylinder
10114	Tan 4 & 6 cylinder
10115	Tan 8 cylinder



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



# EXHAUST WRAP

## HT Silicone Coating™

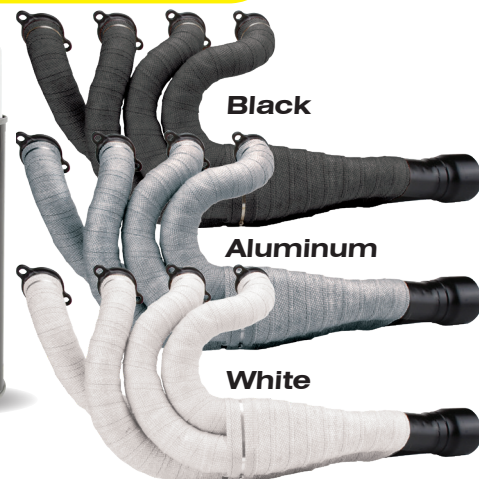
Recommended for use with DEI Exhaust Wraps, HT Silicone Coating penetrates, seals, protects and extends the lifespan of exhaust wrap.

- Protection from abrasions, hot oil & grime
- Heat protection up to 1200°F
- For use on exhaust wraps, engine blocks, pipes, manifolds & more
- 12 oz. can (6 cans in a case)
- Cure temperature 400°F (two hour cure time)

### HT SILICONE COATING

Part #	Description
10300	Assortment case 2 cans each (Black, Aluminum & White)
10301	Black
10302	Aluminum
10303	White

*Also great as a paint for BBQ grills!*



## Stainless Steel Locking Ties

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

- High grade 316 stainless steel
- Withstands in excess of 2500°F
- 100lb tensile strength

### LOCKING TIES

Part #	Description
10201	8" (9 pack; Fits 2" OD)
10202	14" (5 pack; Fits 4" OD)
10203	20" (10 pack; Fits 6" OD)
10205	8 - 8" and 4 - 14" ties
91201	8" Bulk
91202	14" Bulk
91203	20" Bulk
91217	40" Bulk

## Positive Locking Ties

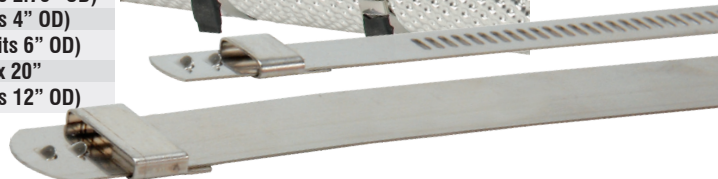
Positive Locking stainless steel ties are designed for high heat applications. They are great for securing DEI exhaust wrap or any place a high strength tie is needed. UV and corrosion resistant they will last for many years under severe use.

- 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
10208	1/4" x 9" (8 pack; Fits 2.75" OD)
10209	1/4" x 14" (4 pack; Fits 4" OD)
10210	1/4" x 20" (10 pack; Fits 6" OD)
10211	1/2" x 9" (8 pack; Fits 2.75" OD)
10212	1/2" x 14" (4 pack; Fits 4" OD)
10213	1/2" x 20" (10 pack; Fits 6" OD)
10216	8 - 5/16" x 9" & 4 - 5/16" x 20"
10217	1/2" x 40" (4 pack; Fits 12" OD)

NOTE: Also available in bulk quantities



## Positive Locking Tie & Tool Kit

Perfect kit for securing wrap or anywhere that requires a high temperature fastening solution. Locking Tie Tool easily gets ties tight

### Kit Includes:

8 - 9" Locking Ties (Up to 2" diameters)  
4 - 14" Locking Ties (Up to 4" diameters)  
FREE Locking Tie Tool

### POSITIVE LOCKING TIE & TOOL KIT

Part #	Description
10219	Positive Locking Tie & Tool Kit



## Locking Tie Tool

An effective tool to tighten Stainless Steel Locking Ties. 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. 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.

### LOCKING TIE TOOL

Part #	Description
10220	Locking Tie Tool





# EXHAUST WRAP ACCESSORIES

## Complete Exhaust Wrap Kits

An all-in-one kit for wrapping a set of V8 headers or pipes.

### Kit includes:

- Two - 2" x 50ft rolls of glass fiber wrap
- One can of HT Silicone Coating
- Locking Ties
- FREE Locking Tie Tool



### EXHAUST WRAP KIT - BOX PACKAGING

Part #	Description
10110	Black Wrap w/Black HT Silicone Coating
10111	Tan Wrap w/White HT Silicone Coating
10112	Tan Wrap w/Aluminum HT Silicone Coating

### EXHAUST WRAP KIT - CLAMSHELL RETAIL PACKAGING

Part #	Description
10091	Tan Wrap & White HT Silicone Coating
10093	Tan Wrap & Aluminum HT Silicone Coating
10094	Black Wrap & Black HT Silicone Coating

## 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

Part #	Description
10119	Black
10122	Tan
10123	TITANIUM

## 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.



### RETAIL TITANIUM EXHAUST WRAP KIT

Part #	Description
10095	TITANIUM Exhaust & Pipe Wrap Kit
10073	BLACK TITANIUM Exhaust & Pipe Wrap Kit

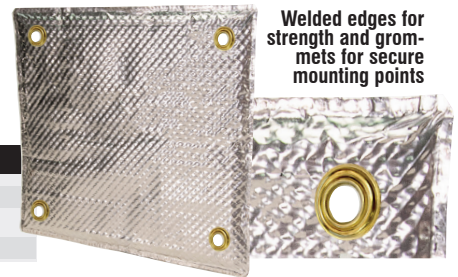
## Stainless Steel Heat Shield Pads

Universal heat shield pads. Made from double sided high grade Stainless Steel with hi-temp insulation. Welded seams, seal the insulation between the stainless steel making for a durable, long lasting shield. Grommet holes allow for easy mounting. Capable of 2000°F direct heat. Can be hand formed to fit bends and curves. Available in two sizes.

- Stainless Steel Heat Barrier material on outside surfaces
- Insulating inner layer
- Welded seams for strength and durability
- Grommets for secure mounting points

### STAINLESS STEEL HEAT SHIELD PAD

Part #	Description
10257	4" x 8" Pad
10258	12" x 12" Pad



## 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. Stainless steel clamps & standoffs.

- 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°F more heat than glass fiber.
- 4" x 8" size

### ONYX BLACK PIPE SHIELD

Part #	Description
10496	4" x 8" ONYX Flexible Heat Shield



## TITANIUM Pipe Shield

TITANIUM Pipe Shield combines the high heat tolerance of DEI's proprietary LR fiber technology with a unique rivet-based clamp shield that improves heat dissipation and cooling.

- Heat protection up to 1350°F.
- LR fiber technology is a two-ply material
  - Outer layer - pulverized and stranded lava rock woven for durability & strength.
  - Inside material - high temp resistant fabric (89% silica) designed to withstand 350°F 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
10453	4" x 8" Length	10450	6" x 12" Length
10454	4" x 12" Length	10451	6" x 24" Length
		10452	6" x 36" Length

# TURBO HEAT PROTECTION

Turbo Shields™ provide the ultimate means of reducing turbo lag and serve as a superior heat barrier. Keeping more heat in the turbine and less damaging underhood radiant heat results in a boost in horsepower!

Stronger and more durable than other turbo blankets or shields, DEI Turbo Shields are made from a hi-temp insulation under the tight outer layer for extra protection against extreme turbo-generated heat. All DEI turbo shields are double stitched with stainless steel thread to hold up to the most extreme temps. True riveted anchors along with added seam protection for a stronger more durable shield.

## How to measure your turbine housing correctly

DEI Turbo shield sizes are based on two basic measurements. The first measurement is the circumference of the turbo not including the flange. (Circumference Image) The second measurement is the width of the turbo at it's widest point not including the flanges. (Width Image.) After measuring, refer to the chart below to find the correct shield.



**TURBO MEASUREMENTS CHART**

TURBO	CIRCUMFERENCE	WIDTH
T22	15"	2.25"
T25/28	15" - 16"	2.5"
T3	15" - 16"	2.5"
T4	20" - 22"	2.75"
T6	26"	3.75"
T6X	26"	4.25"

## GEN-3 TITANIUM Turbo Shields THE MOST TECHNOLOGICALLY ADVANCED TURBO SHIELD!

We incorporated all our experience to build the absolute best turbo shield on the market. By developing advanced textiles and diving deep into what is needed to control turbo heat, we developed the GEN-3 TITANIUM Turbo Shield. A Silicone coated TITANIUM LR outer layer with multiple stainless steel and silica inner layers. Without a doubt the strongest, most heat resistant shield available.



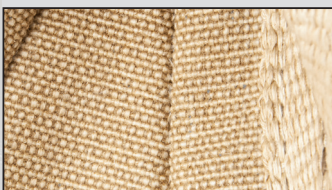
**OUTER SHELL**

- DEI's Titanium material with LR technology coated in silicone to insulate and hold up under extreme conditions.
- Prevents fraying of material and encases seams to make them over 4 times stronger.



**INSULATION LAYER**

- Thick layer of silica insulation to keep heat in turbo shield and turbo housing.
- Silica has a very low thermal conductivity making one of the best insulators available.



**INNER LAYER**

- Stainless steel, glass fiber and silicone blend layer adds to the insulating and thermal properties.
- Increases seam strength, durability and insulation value.



**INNER COVER**

- Stainless Steel fabric holds up against the highest temps.
- Will not break down or become brittle with heat.
- Adds a first barrier of protection.

**HANDLES 2500°F RADIANT HEAT • 1800°F DIRECT HEAT**

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

### GEN-3 TITANIUM TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T3	10244	10243
T4	10241	10240
T6	10238	10237
T25/T28*	10247*	10246*
T6X	10252	10251

**CALL FOR ADDITIONAL FITMENTS & APPLICATIONS**

(\*For use on turbos with internal wastegate)



# TURBO HEAT PROTECTION

## ONYX™ Turbo Shields

ONYX Turbo Shields use an exclusive combination hi-temp insulation surrounded by an Aluminum impregnated glass fiber outer shell. ONYX Turbo Shields have a black finish to compliment any engine bay.

**HANDLES 1800°F RADIANT HEAT • 1350°F DIRECT HEAT**

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

### ONYX TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T4	10181	10182
T3	10179	10180
T6	10010	
T25/T28*	10163*	10164*
T22*	10161*	10162*

(\*For use on turbos with internal wastegate)



## TITANIUM™ Turbo 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 levels of heat.

**HANDLES 2500°F RADIANT HEAT • 1800°F DIRECT HEAT**

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

### TITANIUM TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T3	10140	10141
T4	10144	10145
T6	10146	10147
T25/T28*	10148*	10149*
T22*	10165*	10166*
GTP38R	10176	

(\*For use on turbos with internal wastegate)



## ULTRA 47™ Turbo Shields

A Tri-Layer mix of an Aluminum impregnated Glass fiber outer shell with a Hi-Temperature insulating mat core and glass blend liner. Double stitching and heavy duty capped anchor points make this Turbo Shield look great and perform even better.

**HANDLES 1800°F RADIANT HEAT • 1350°F DIRECT HEAT**

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

### ULTRA 47 TURBO SHIELDS & KITS

Turbine	Shield Only	Shield Kit
T3	10172	10174
T4	10173	10175



## Turbo Insulation Kit

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.

- Universal - fits all turbo turbine housings
- Protection up to 1200°F

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

### TURBO INSULATION KIT

Part #	Description
10113	Turbo Insulation Kit Universal



## Wastegate Heat Shield

Performance is in the details. Our DEI Wastegate/Blow Off valve covers help reduce under hood temperatures and reduce the chance of burns when working under the hood. Made from the same type of construction as our Titanium Turbo Shields and made for a precise fit. Includes stainless wire for an easy install.

- Reduce underhood temps
- Same quality construction as our Titanium Turbo Shields
- Riveted tie downs for a secure fit
- Includes stainless wire for easy install

### WASTEGATE HEAT SHIELD

Part #	Description
10142	TurboSmart Wastegate 40mm - 45mm CompGate & HyperGate



**NEW**

800.264.9472





# PLUG BOOT & WIRE PROTECTION

## Protect-A-Boots™ Size: 1" ID x 6"L • Sewn in Ring

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
- 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		4 Pack		8 Pack	
Part #	Color	Part #	Color	Part #	Color
10501	Silver	10507	Silver	10502	Silver
10511	Black	10523	Black	10512	Black
10521	Red	10524	Red	10522	Red
10531	Blue	10525	Blue	10532	Blue
10541	TITANIUM			10542	TITANIUM
10561	Yellow			10562	Yellow
10571	Orange			10572	Orange

For 90° boots, we recommend Protect-A-Boot Sleeve or Titanium Protect-A-Boot XL



## Protect-A-Boot™ XL Ringless - Silver

Size: 1" ID x 8"L • No Sewn in Ring

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 longer plug boots.

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

### PROTECT-A-BOOT XL - SILVER

Part #	Description
10503	8" - 2 Pack
10504	8" - 8 Pack
91503	8" - Bulk - Each



## Protect-A-Boot™ Ringless Sleeve

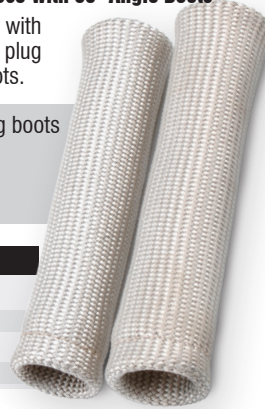
Size: 1.25" ID x 6"L • No Sewn in Ring • Use with 90° Angle Boots

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

- Universal-fits multiple angled spark plug boots
- Withstands up to 1200°F of direct heat
- Glass fiber double-wall construction
- Recommended for 90° angle boots

### PROTECT-A-BOOT XL - SLEEVE

Part #	Description
10551	2 Pack - Protect-A-Boot Sleeve
10552	8 Pack - Protect-A-Boot Sleeve
91551	Bulk Protect-A-Boot Sleeve



## TITANIUM Protect-A-Boot™ XL Ringless

Size: 1" ID x 8"L • No Sewn in Ring • Use with 90° Angle Boots

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!**

### TITANIUM PROTECT-A-BOOT XL

Part #	Description
10543	2 Pack - Protect-A-Boot XL
10578	4 Pack - Protect-A-Boot XL
10540	6 Pack - Protect-A-Boot XL
10544	8 Pack - Protect-A-Boot XL



## EXO Series™ Protect-A-Boot™ Ringless

Size: 1" ID x 6"L • No Sewn in 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. Withstand temps up to 1800°F of direct heat.

### ULTIMATE OFFROAD PROTECTION

#### EXO SERIES PROTECT-A-BOOT

Part #	Description
10088	2 pack
10087	4 pack
10086	8 pack
91506	Bulk - Each

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





# PLUG BOOT & WIRE PROTECTION

## TITANIUM Protect-A-Sleeve™



TITANIUM LR technology is now in the best protection sleeve on the market. Made of a pulverized lava rock material. The 1/2" ID will fit larger spark plug wires and protect them from hot exhaust manifolds and headers. Sizes large enough for radiator and heater hoses.

- Withstands up to 2500°F radiant heat
- 1/2", 1" and 2" diameters available

### TITANIUM PROTECT-A-SLEEVE

Part #	Description
10475	1/2" ID x 4ft
91475	1/2" ID bulk per foot
10483	1" ID x 4ft
91482	1" ID bulk per foot
10482	2" ID x 3ft
91483	2" ID bulk per foot

### BLACK TITANIUM PROTECT-A-SLEEVE

Part #	Description
10589	1" ID x 3ft retail
10590	1/2" ID x 3ft retail
10591	1/2" ID x 6ft retail

## TITANIUM Protect-A-Wire™ V8 Kit

Protect a complete V8 set of plug wires. 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.

### Kit Includes:

- 8 - DEI heat shrink tubes
- 16 - 1 through 8 numbered heat shrink tubes
- 25ft of Titanium sleeving



TITANIUM PROTECT-A-WIRE V8 KIT

Part #	Description
10603	Titanium Protect-A-Wire V8 Kit



## Protect-A-Wire™

Protect expensive spark plug wires from potential burning, cracking, and hardening typically caused by severe under hood heat. Installs on wire by removing distributor boot and sliding 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	4 Cylinder	8 Cylinder	Color
10601	10577	10602	Silver
10611	10574	10612	Black
10621	10576	10622	Red
10631	10575	10632	Blue
	10579		Titanium

**2 Cylinder Kit Contains:**  
7ft of sleeving, 6 - Shrink Tubes

**4 Cylinder Kit Contains:**  
13ft of sleeving, 12 - Shrink Tubes

**8 Cylinder Kit Contains:**  
25ft of sleeving, 25 - Shrink Tubes

## Protect-A-Boot & Wire Kit™

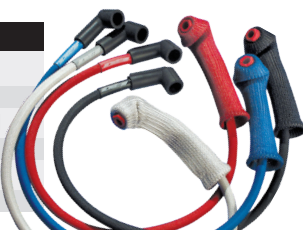
Kits include everything needed to protect spark plug boots and wires from harmful under hood heat. Color matched Protect-A-Boots, Protect-A-Wire and Hi-Temp Shrink Tubes included for a professional finished look.

- 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  
**4 Cylinder Kit Contains:** 13 ft of line sleeving, 12 - Hi-Temp Shrink Tubes, 4 - 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	4 Cyl NEW	8 Cyl	Color
10701	10587	10702	Silver
10704	10588	10705	TITANIUM
10711	10584	10712	Black
10721	10586	10722	Red
10731	10585	10732	Blue



## Protect-A-Wire™ Spools

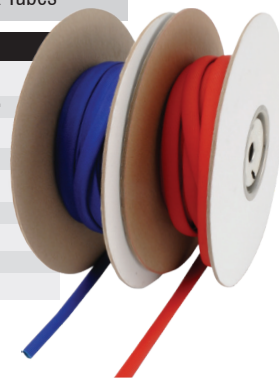
50 foot bulk rolls of Protect-A-Wire. Great shop use so Protect-A-Wire is always handy and in stock.

- Bulk spool is great to have on hand for any project
- Spools do not include Hi-Temp Shrink Tubes

### PROTECT-A-WIRE SPOOLS

Part #	Description	Color
93601	5/16" 50ft spool	Silver
93613	3/16" 50ft spool	Black
93611	5/16" 50ft spool	Black
93614	1/2" 50ft spool	Black
93618	3/16" 50ft spool	Red
93621	5/16" 50ft spool	Red
93630	3/16" 50ft spool	Blue
93631	5/16" 50ft spool	Blue

\*Also available by the foot.



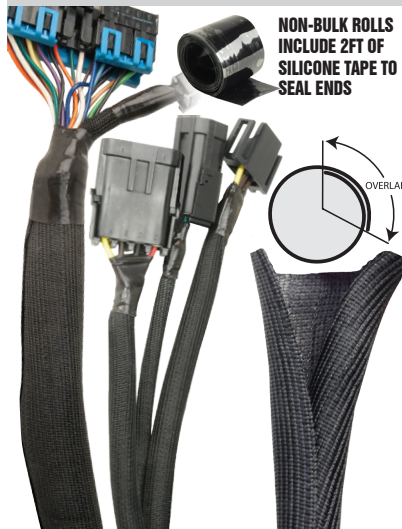


# LINE & HOSE PROTECTION

## Easy Loom™ - Split Wire Sleeve

A clean classy way to protect exposed wire, hoses, and cables on trucks, SUVs and powersport vehicles including ATVs and UTVs. Superior in style and function to simple plastic tubing, DEI's Split Sleeve adds a superior level of protection to sensitive wires, cables and hoses exposed to abrasion and the elements. Rated up to 347°F

- Protects against abrasion, chemicals & the elements
- Superior in style & function to plastic tubing
- Split design makes install easy



### EASY LOOM - SPLIT WIRE SLEEVE

Part #	Description
10650	5mm (3/16") x 20ft
10651	8mm (5/16") x 20ft
95651	8mm (5/16") x 10ft
10652	10mm (3/8") x 20ft
10666	10mm (3/8") x 10ft
10653	12mm (1/2") x 12ft
10654	16mm (5/8") x 12ft
10655	19mm (3/4") x 10ft
10656	25mm (1") x 10ft
10657	38mm (1-1/2") x 6ft

### EASY LOOM - BULK ROLLS

Part #	Description
94650	5mm (3/16") x 100ft
94651	8mm (5/16") x 100ft
94652	10mm (3/8") x 100ft
94653	12mm (1/2") x 100ft
94654	16mm (5/8") x 100ft
94655	19mm (3/4") x 100ft
94656	25mm (1") x 100ft
94657	38mm (1-1/2") x 100ft

## Easy Loom™ - Master Kit

Everything to protect and restore your factory or aftermarket wire harness. Includes 6 different diameter Easy Loom sleeves, Shrink tube ends, silicone tape, locking ties and electrical tape.

- Self-closing split design with 30% overlap
- Peak temp rating 347°F - Melting point 500°F
- Superior in style and function to plastic tubing
- Professional look & added protection
- Approved by most car manufacturers

### Kit Includes:

Easy Loom	1.5" x 5'
Easy Loom	1" x 6'
Easy Loom	3/4" x 10'
Easy Loom	1/2" x 30'
Easy Loom	5/16" x 60'
Easy Loom	3/16" x 15'
Heat Shrink	3/8" x 2'

### Kit Includes:

Heat Shrink	1/4" x 1'
Heat Shrink	1/2" x 1'
Ties	8" x 40
Ties	4" x 100
Silicone Tape	1" x 12'
Electrical Tape	1 Roll



### EASY LOOM MASTER KIT

Part #	Description
10663	Easy Loom master Kit

## Split Line Sleeve Installation Tool

DEI's Split Line Sleeve Tool is designed to make installing sleeving easy. It keeps sleeving open while inserting wires, lines or hoses into the sleeve.

### LINE SLEEVE TOOL

Part #	Description
11008	3/16" to 3/8" (8mm - 11mm)
11009	1/2" to 1-1/2" (12mm - 19mm)



## 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
10409	3/4" diameter x 6" long (4 pack)

## 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, extremely flexible, and heat resistant to 500°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
10636	Silicone Protect-A-Wire V8 Kit

### SILICONE PROTECT-A-SLEEVE

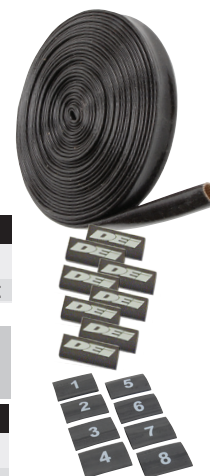
Part #	Description
10635	Silicone Protect-A-Sleeve bulk per foot



Spools are ideal for shop use and retailers to sell by the foot. Shrink tubes not included.

### SILICONE PROTECT-A-WIRE SPOOLS

Part #	Description	Color
10658	3/8" ID 50ft Spool	Black





# LINE & HOSE PROTECTION



## Insulating Fire Sleeve & Tape Kit™

Constructed from high temperature resistant braided glass material, woven into a sleeve and heavily coated with 100% silicone rubber. Provides the ultimate in heat insulation and protection from direct heat up to 500°F. Kit includes a 16-inch length of black Fire Tape to finish off ends of Fire Sleeve for a clean and professional look.

### FIRE SLEEVE & TAPE KIT

Part #	Description
10470	3/8" ID x 3ft
10472	5/8" ID x 3ft
10473	3/4" ID x 3ft
10474	1" ID x 3ft
11004	1-5/8" ID x 3ft

### FIRE SLEEVE BULK

Part #	Description
91470	3/8" ID per foot
91472	5/8" ID per foot
91473	3/4" ID per foot
91474	1" ID per foot

### FIRE SLEEVE SPOOLS

Part #	Description
94470	3/8" ID 100ft
92470	3/8" ID x 25ft
92472	5/8" ID x 25ft
92473	3/4" ID x 25ft
92474	1" ID x 25ft
94472	5/8" ID x 100ft
93473	3/4" ID x 50ft
94474	1" x 100ft

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

## 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 for disconnecting.

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

### FIRE WRAP 3000

Part #	Description
10477	5/8" ID x 2ft
10478	1" ID x 2ft
10479	1-1/2" ID x 2ft

### FIRE WRAP 3000 BULK

Part #	Description
91477	5/8" ID per foot
91478	1" ID per foot
91479	1-1/2" ID per foot



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

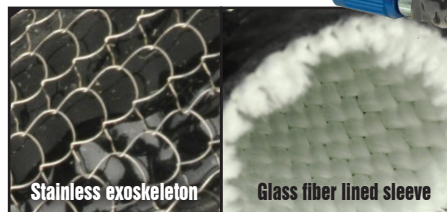
## EXO Sleeve™

A high temperature resistant braided glass material, woven into a sleeve and heavily coated with 100% silicone rubber with 304 stainless mesh outer covering, EXO Sleeve provides the ultimate in heat insulation and protection from direct heat up to 500°F.

- Silicone glass sleeve (DEI Fire Sleeve) surrounded by 304 stainless mesh outer covering
- Allows direct contact to heat source
- Highly abrasion resistant
- Provides air flow around sleeve
- Perfect for Insulates wiring, hoses, oil / brake / transmission lines & more

### EXO SLEEVE

Part #	Description
10872	3/8" I.D. x 3ft
10873	1" I.D. x 3ft



Stainless exoskeleton

Glass fiber lined sleeve

## 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
10476	1" wide x 36ft



800.264.9472





# LINE & HOSE PROTECTION

## Heat Shroud™

Heat Shroud is made from a high temperature rated glass fiber fabric with an aluminized facing. Same as Heat Sheath but with the added convenience of hook & loop closure with open edges. No need to disconnect wires, cables and hoses, simply wrap around whatever needs protection and close edges.

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



\*Do not apply directly to exhaust components.

### HEAT SHROUD

Part #	Description
10405	1/2" to 1-1/4" ID x 3ft
10457	3/4" ID x 3ft
10487	2" to 2-1/2" ID x 3ft
93405	1/2" to 1-1/4" ID x 50ft
93487	2" to 2-1/2" ID x 50ft

## Heat Shroud GOLD™

High temperature Metalized Polyimide lamination, bonded to a robust 20oz. heat treated glass fiber base material, Heat Shroud GOLD will protect and keep components cool in the most demanding applications. Ability to reflect radiant heat up to 800°F makes Heat Shroud Gold the perfect choice to keep critical lines cool and protected. The added convenience of hook & loop closure eliminates the need to remove one end of connected wires, cables and hoses to install.

- 20oz. heat treated base glass
- Metalized Polyimide lamination
- Base glass rated to 1100°F
- High temperature hook & loop

### HEAT SHROUD GOLD

Part #	Description
10458	1/2" – 1-1/4" x 3ft
10924	2" – 2-1/2" x 3ft

\*Do not apply directly to exhaust components.



## 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 high temperature fabric bonded to an aluminized outer layer to reflect heat. Fireproof and withstands direct heat up to 500°F.

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

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

### HEAT SHEATH

Part #	Description
10418	1/2" ID x 3ft
10403	3/4" ID x 3ft
10419	1" ID x 3ft
10404	1-1/4" ID x 3ft
10420	1-1/2" ID x 3ft
93403	3/4" ID x 50ft
93404	1-1/4" ID x 50ft
93418	1/2" ID x 50ft
93419	1" ID x 50ft
93420	1-1/2" ID x 50ft

\*Do not apply directly to exhaust components.



## Heat Sheath GOLD™

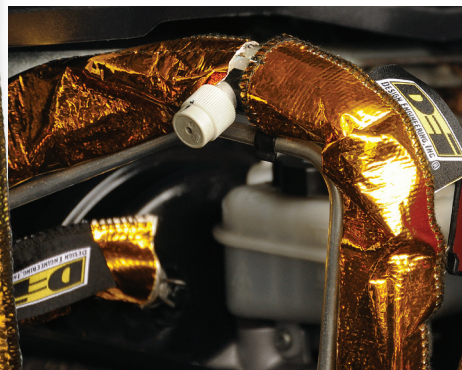
Manufactured from our high temperature Metalized Polyimide lamination, bonded to a robust 20oz. heat-treated glass fiber base material, DEI GOLD sleeving will protect and keep components cool in the most demanding applications. Reflects radiant heat up to 800°F. The perfect choice to keep critical lines and hoses cool and protected.

- 20oz. heat treated base glass
- Metalized Polyimide lamination
- Base glass rated to 1100°F

### HEAT SHEATH GOLD

Part #	Description
10914	3/4" x 3ft
10915	1-1/4" x 3ft
10916	1/2" x 3ft
10917	1" x 3ft
10918	2 -1/4" x 3ft

\*Do not apply directly to exhaust components.



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# LINE & HOSE PROTECTION

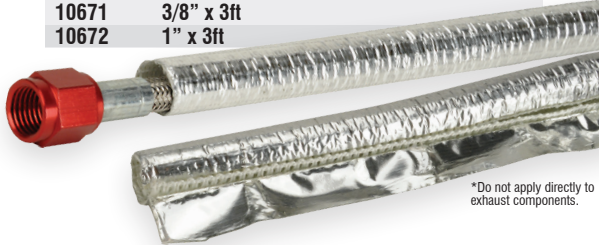
## Vapor Block™ Line Sleeve

Specifically developed to prevent vapor lock in fuel systems. Its excellent thermal effectiveness comes from glass fiber and polyester laminated to an aluminum outer layer. Split design with adhesive flap.

- No need to disconnect lines to install
- Use on fuel lines, A/C Lines, brake lines & transmission lines to prevent vapor lock

### VAPOR BLOCK

Part #	Description
10669	5/8" x 3ft
10671	3/8" x 3ft
10672	1" x 3ft



\*Do not apply directly to exhaust components.

## TIG/MIG Torch Cable Cover

DEI TIG/MIG Torch Cover protects expensive cables while not feeling heavy or cumbersome. Made from a PET monofilament and multifilament combination it provides exceptional abrasion and chemical resistance.

Able to handle temperatures up to 347°F with a 500°F melting point. The self-closing split sleeve design makes for an easy installation and includes self-binding silicone tape to secure the ends. Meets SAE ARP 1536 A and ISO 6722. Abrasion ratings and SAE J 369 Flammability rating of Self-extinguishing. With a 3/4" I.D. and 33% overlap it will fit most cables.

### TIG/MIG TORCH CABLE

Part #	Description
10664	3/4" x 11 Feet
10665	3/4" x 22 Feet



## Ultra 47™ Sheath

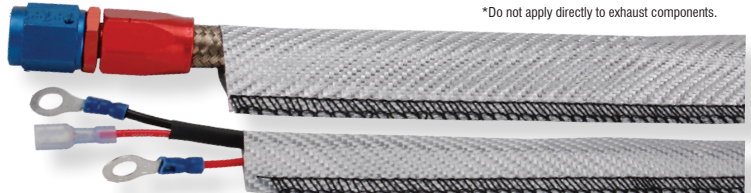
Ultra 47 Sheath has a higher sustained heat capability of up to 1100°F and is more flexible and lighter weight than standard foil or bonded aluminum products. Constructed from a process that impregnates molten aluminum to the core fabric giving it higher heat reflective properties. The perfect choice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

### ULTRA 47 SHEATH

Part #	Description
10230	1/2" ID x 3ft
10231	1/2" ID x 15ft
10232	3/4" ID x 3ft
10233	1-1/4" ID x 3ft

- Can be trimmed to length
- Direct heat to 1100°F
- Easy to cut & trim to length
- 40% lighter than most line sleeving

\*Do not apply directly to exhaust components.



## Cool Tube Extreme™

Reflects continuous heat up to 750°F while offering a quality professional look. Cool Tube Extreme™ can conform to tight bends and provide superior protection against under hood temperatures, weather conditions and abrasions. Made from composite material with wire reinforcement.

- Trim to length
- Can be slit lengthwise for easy install

### COOL TUBE EXTREME

Color	Length	1/2" ID	3/4" ID	1" ID	1-1/4" ID	1-1/2" ID
Silver	3 ft	10421	10425	10429	10433	10437
Silver	9 ft	10441	10445	--	--	--
Black	3 ft	10424	10428	10432	10436	10440
Black	9 ft	10444	10448	--	--	--

\*Do not apply directly to exhaust components.





# HIGH TEMP SHRINK TUBES



## Numbered Wire Marker Kit

DEI's numbered wire marker sets are made from high temperature Mil Spec black heat shrink tubes. 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. 18mm I.D. before shrinking.

### NUMBERED WIRE MARKER KIT

Part #	Description
10849	Numbered Wire Marker Kit

## 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 3:1 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

### SPARK PLUG WIRE / BOOT SHRINK TUBES

Part #	Description	Color
10800	18mm (11/16") x 1-1/2"	Gray
10801	12mm (1/2") x 1-1/2"	Gray
10810	18mm (11/16") x 1-1/2"	Black
10811	12mm (1/2") x 1-1/2"	Black
10820	18mm (11/16") x 1-1/2"	Red
10821	12mm (1/2") x 1-1/2"	Red
10830	18mm (11/16") x 1-1/2"	Blue
10831	12mm (1/2") x 1-1/2"	Blue

\*Do not apply directly to exhaust components.



## Hi-Temp Shrink Tubes

Professional grade, military spec DTL-23053/5C, 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 its original diameter for a snug 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
- Military spec DTL-23053/5C



### HI-TEMP SHRINK TUBES

Part #	Description
10832	9mm (3/8") x 4ft
10833	12mm (1/2") x 4ft
10834	18mm (11/16") x 4ft
10835	24mm (1") x 4ft
10836	9,12,18 & 24mm x 2ft ea.
10837	3mm (1/8") x 4ft
10838	6mm (1/4") x 4ft
10839	3, 6 & 9mm x 4ft ea.
10856	50mm (2") x 2ft
91856	50mm (2") x bulk per foot
10857	75mm (3") x 2ft
91857	50mm (3") x bulk per foot

\*Do not apply directly to exhaust components.

### HI-TEMP SHRINK TUBES SPOOLS

Part #	Description
10850	9mm (3/8") x 50ft Spool
10851	12mm (1/2") x 50ft Spool
10852	18mm (11/16") x 50ft Spool
10853	24mm (1") x 50ft Spool
10854	3mm (1/8") x 50ft Spool
10855	6mm (1/4") x 50ft Spool
98832	9mm (3/8") 200ft spool
98833	12mm (1/2") 200ft spool
98834	18mm 11/16") 200ft spool
98835	24mm (1") 200ft spool
98837	3mm (1/8") 500ft spool
98838	6mm (1/4") 200ft spool

\*Do not apply directly to exhaust components.

## Shrink Tubes with Adhesive

Shrink tube with adhesive is a flexible, flame-retardant heat-shrinkable polyolefin tubing with a thick wall modified adhesive which melts and flows, encapsulating and sealing components inside. Recommended for applications that require waterproofing for light cable and wire harnesses and protection of connectors. Operating temperature range is -67°F to 257°F.

- Great for water proofing wires & connectors
- 19mm inside diameter shrinks to 6mm
- High grade military spec DTL-23053/5C

### SHRINK TUBE W/ADHESIVE

Part #	Description
10858	19mm ID shrink to 6mm x 2ft length

\*Do not apply directly to exhaust components.

Adhesive lining that melts with heat, encapsulates & seals components inside forming water tight seal



# COMPONENT SPECIFIC PRODUCTS

## Prevent starter failure due to heat Versa Shield™ Starter Shield

Protects 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 close with hook & loop design
- 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
10402	7"W x 24"L

### MINI VERSA SHIELD STARTER SHIELD

Part #	Description
10384	5-1/2"W x 16-1/2"L

## Ultra 47™ / ONYX™ Shield

Designed for severe duty use, Ultra Shield 47 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 1350°F, Ultra 47 Shield is the perfect choice for high heat applications where engine heat soak is a problem.

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



### ULTRA 47 / ONYX SHIELD

Part #	Description
10235	Ultra 47 Shield - 7"W x 24" L
10236	ONYX Starter Shield - 7"W x 24" L

## Muffler Shield Kit

Designed to reduce radiant heat coming off your muffler resulting in a cooler interior and protection from damaging heat. This 2-piece shield is made from 10mil dimpled aluminum and a 1/8" glass fiber insulator that can be easily trimmed to fit most mufflers. Includes tough stainless steel positive locking ties for a secure installation.

- Greatly reduce radiant heat from muffler
- Cooler interior

### MUFFLER SHIELD KIT

Part #	Description
10529	Muffler Shield Kit

#### Kit Includes:

One Sheet - 42" x 24" Dimpled Aluminum  
One Sheet - 51" x 24" Glass Fiber Insulation  
Four - 40" x 1/2" Positive Locking Ties  
FREE Locking Tie Tool

INCLUDES  
FREE LOCKING  
TIE TOOL!

\*For front engine vehicles only. With muffler mounted at least 24 inches behind collectors.



## Cell Saver™ / Battery Insulation Kit

Batteries are very susceptible to heat and vibration that could cause premature failure and hazardous leaks. Cell Saver reduces vibration and absorbs and neutralizes any damaging leaky battery acids. Cell Saver is easy to install and excess material can be trimmed to accommodate most battery sizes and shapes.

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

### CELL SAVER

Part #	Description
010480	40"L x 7" W

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



## Cool Cover™ / Air Tube Cover Cool Cover™ GOLD / Air Tube Cover

Designed to prevent air tubes from becoming heat sinks. Cool Cover & Cool Cover GOLD 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, they can be installed and removed in seconds.

### Cool Cover

Aluminized reflective surface bonded to a 20oz. heat treated glass fiber base material

### Cool Cover GOLD

Metalized Polyimide bonded to a 20oz. heat treated glass fiber base material

- Reflects heat from air tubes
- Cooler air charge for added power
- Fits up to 4" diameter tubing

### COOL COVER

Part #	Description
10417	Up to 4" O.D. x 36"L

### COOL COVER GOLD

Part #	Description
10486	Up to 4" O.D. x 28"L



800.264.9472





# COMPONENT SPECIFIC PRODUCTS

## Reflective Fuel Can Covers

Race fuel manufacturers recommend limiting exposure to the sun. This is critical when it comes to the new oxygenated fuels. Keep fuel temperatures stable and extend the pot life of expensive race fuels. 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 cans and drums that most race fuels come in. These durable covers reflect away radiant heat and keep fuel cool!

- Keeps race fuel cans cool
- Easy on & off
- Recommended by race fuel manufacturers
- Reduces fuel temperatures up to 23%

### FUEL CAN COVERS

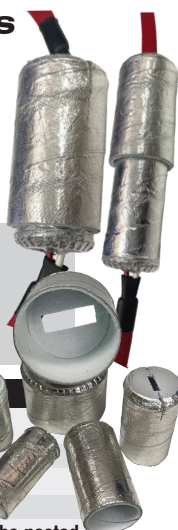
Part #	Description
10033	5 gallon square Scribner <b>NEW</b>
10467	5 gallon round metal fuel can
10471	5 gallon square fuel jug
10484	54 gallon metal fuel drum
10498	11 gallon fuel dump can
10489	5 gallon round plastic <b>NEW</b>



## Formed Sensor Covers

Thermal Sensor and Wire connector covers are a great way to protect sensors plugs and wire connectors from heat, moisture and dirt. They are made from an aluminized insulation that act as a thermal barrier for sensitive wire connections and sensors. Simple to install with a split top, 25mm and 32mm can be nested to fully cover connectors, near engine

- Aluminized insulation reflects heat and act as a thermal barrier for sensitive wire connections
- Simple to install with a split top, and can be nested to fully cover connectors
- Three sizes - 25mm ID, 32mm ID and 62mm ID



### SENSOR COVERS

Part #	Description
10753	2 - 25mm covers
10754	2 - 32mm covers
10758	1 - 62mm cover
10759	1 - 25mm and 1 - 32mm cover that can be nested



## Fuel Injector & Sensor Covers

Covers wrap around fuel injectors or sensors and reflect radiant heat away from them, preventing heat soak and vapor lock. 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 - fits most fuel injectors & sensors
- Cooler injectors operate more efficiently
- Prevent vapor lock & heat soak



### FUEL INJECTOR / SENSOR COVERS

Part #	Description	Part #	Description
10380	2 pack	10382	6 pack
10381	4 pack	10383	8 pack



## Oil Filter Heat Shield

Oil filters soak in a lot of heat from high performance engines because they are nestled tight to the oil pan and engine. DEI's easy to install Oil Filter Heat Shield blocks radiant heat that can change the oils viscosity or potentially cause thermal breakdown that will make oil additives degrade, dissipate, and wear out quickly.

- Keeps oil cool
- Reduces heat soak into filter
- Easily trim to fit • 3 pack

### OIL FILTER HEAT SHIELD

Part #	Description
10740	3.5" - 4.5" x 4" 3 Pack
10741	2.5" - 3.5" x 3" 3 Pack



## OEM Replacement Universal Catalytic Converter Shield

Replace your missing or rattling catalytic converter shield. Allows you to pass inspections and reduce heat coming from your converter. Easy to install universal design fits most converters. Includes all hardware and instructions.

- No need to replace your converter if all you need is a new heat shield
- Easily bends to conform to converter
- Universal design fits most converters

Shield measures 12" x 8"



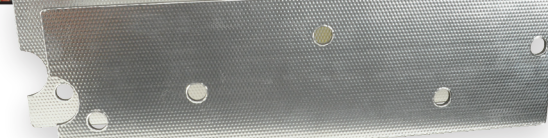
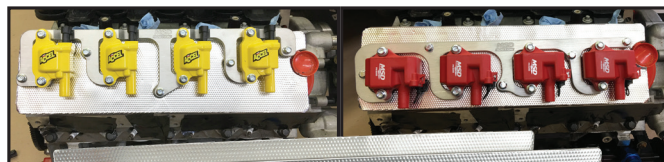
### CATALYTIC CONVERTER SHIELD

Part #	Description
11003	Universal Catalytic Converter Shield

## LS Engine Coil Pack Heat Shield

Eliminates the need to relocate coils packs and prevents premature coil failure due to overheating. Easy to install precut shields install under the coil bracket reducing radiant heat to the coils from the engine and exhaust. Works on factory and aftermarket coils and brackets.

- Ridged shield made from double sided aluminum & high temp foam core
- Insulates & reflects heat away from the coils
- Extends coil life • Sold in pairs



### LS COIL PACK HEAT SHIELD

Part #	Description
11001	LS Coil Pack Heat Shield



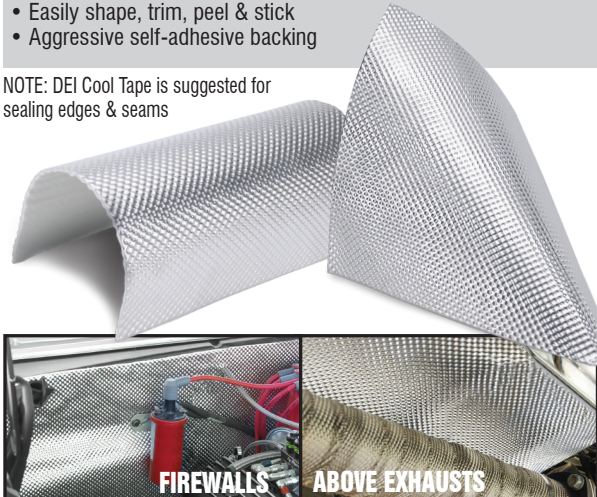
# EXTREME HEAT BARRIERS

## Floor & Tunnel Shield II™

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

NOTE: DEI Cool Tape is suggested for sealing edges & seams



### FLOOR & TUNNEL SHIELD II

Part #	Description
50501	21" x 24" (3.5 sq ft)
50502	21" x 48" (7.0 sq ft)
50503	42" x 48" (14.0 sq ft)
95503	10" X 10" (.83 sq ft)

### FLOOR & TUNNEL SHIELD II W/O ADHESIVE BACKING

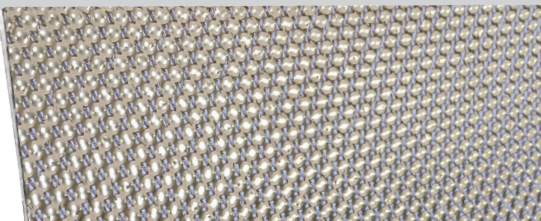
Part #	Description
50506	42" x 24" W/O Adhesive (7 sq ft)
50520	42" x 48" W/O Adhesive (14 sq ft)

\*Do not apply directly to exhaust components.

## Stainless Steel Acoustical & Thermal Floor & Tunnel Shield

A high temperature solution for not only controlling heat, but sound as well. The new stainless steel surface, backed with a high-temp resistant glass fiber, is able to handle higher temps but also has micro perforations to control noise as well. It's polished dimpled surface reflects heat while the perforations allow sounds to be absorbed. Cuts easily with tin snips and aggressive adhesive backing makes installation easy.

- Stainless Steel reflective surface
- Microperforations to absorb sound
- Easily shape, trim, peel & stick • Self-adhesive backing



### STAINLESS STEEL ACOUSTICAL FLOOR & TUNNEL SHIELD II

Part #	Description
50551	22" X 19" Stainless Steel Acoustical Floor & Tunnel Shield

\*Do not apply directly to exhaust components.

## BLACK Floor & Tunnel Shield™

New Black Floor & Tunnel Shield is the solution for blocking engine and exhaust heat while wanting a great black finish. With a powder coated black surface, Black Floor & Tunnel Shield controls heat from getting into interiors and protects components from damage. Aggressive adhesive backing makes installation easy.

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

NOTE: DEI Black Seam Tape is suggested for sealing edges & seams



### BLACK FLOOR & TUNNEL SHIELD II

Part #	Description
50549	42" x 48" Black Floor & Tunnel Shield (14 sq ft)
50552	21" x 48" Black Floor & Tunnel Shield (7 sq ft)

\*Do not apply directly to exhaust components.

## Form-A-Shield™

Capable of withstanding direct heat up to 1400°F+, Form-A-Shield can be applied to exhaust headers, manifolds, turbo housings and downpipes dramatically reducing radiant exhaust temperatures. Formed from 10 mil dimpled aluminum bonded to a high temperature rated Basalt thermal barrier material, Form-A-Shield can be applied directly to hot surfaces helping to lowering under hood temperatures while keeping more heat in the exhaust system.

- Extremely pliable & forms to many shapes & configurations
- Durable & resistant to oil & chemical spills
- Withstands direct heat up to 1400°F +
- Superior insulator anywhere near the path of exhaust pipes
- Can be applied direct to hot surfaces
- Fasten with straps, clamps or DEI Locking Ties



NOTE: Use DEI Adhesive Spray (#10492) with Form-A-Shield on non-hot areas to serve as a heat barrier / reflector

### FORM-A-SHIELD

Part #	Description
10516	42" x 48" (14.0 sq ft)
10517	21" x 48" (7.0 sq ft)
50519	12" x 21" (1.75 sq ft)



# EXTREME HEAT BARRIERS

## Heat Screen™ Aluminized Mylar Radiant Matting

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.



- Withstands 1200°F of direct heat
- Can be secured with adhesive or fasteners
- Trim to desired size

NOTE: Use with our 010490 spray adhesive

### HEAT SCREEN

Part #	Description
10071	12" x 24" (2 sq ft)
10401	36" x 40" (10 sq ft)
91401	36" x linear foot bulk

- High temp adhesive backing
- Heavy weight glass fiber with aluminum face
- Flexible & easy to install
- Peel & stick

### HEAT SCREEN W/SELF ADHESIVE BACKING

Part #	Description
10399	36" x 20" (5 sq ft)
10400	36" x 40" (10 sq ft)
10090	36" x linear foot

\*Do not apply directly to exhaust components.

## Reflect-A-GOLD™

A metalized polyamide polymer laminated to a light weight 5.0oz glass fiberglass cloth with a high temperature adhesive for use in extreme temperature swing environments. Lightweight and easy to apply.

- For firewalls, bulkheads, engine covers, floors, seat bottoms & more
- Handling continual temps up to 850°F
- Adhesive protected by a release liner rated up to 325°F
- .0065" thick



### REFLECT-A-GOLD

Part #	Description
10390	24" x 150 ft Roll
10391	12" x 12" Sheet
10392	12" x 24" Sheet
10393	24" x 24" Sheet
10394	1-1/2" w x 15 ft Roll
10395	1-1/2" w x 30 ft Roll
10396	2" w x 15 ft Roll
10397	2" w x 30 ft Roll

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

\*Do not apply directly to exhaust components.

Photo: HMR Factory @hmrfactory

## 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
- Only .007" thick

### REFLECT-A-COOL

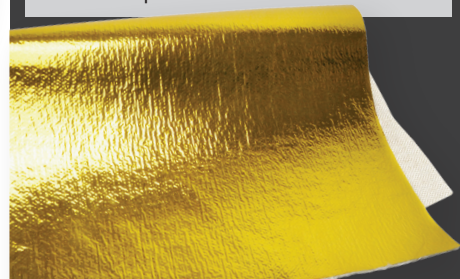
Part #	Description
10412	36" x 48"
22004	36" x linear foot
10460	12" x 12"
10461	12" x 24"
10462	24" x 24"

\*Do not apply directly to exhaust components.

## Heat Screen GOLD™ Metalized Radiant Matting

Manufactured from our high temperature Metalized Polyimide lamination, bonded to a robust 20oz heat treated glass fiber base material. Able to reflect direct heat up to 800°F makes this the perfect choice to keep critical components air intakes and interiors cool and protected. Heat flux test shows 36% reduction of temperature.

- 20oz. heat treated base glass
- Base glass radiant heat to 1100°F
- .031" thick
- Mechanically fasten or use DEI Hi-Temp Adhesive 10492



### HEAT SCREEN GOLD

Part #	Description
10913	36" x 40" (10 sq ft)
10919	24" x 24" (4 sq ft)

\*Do not apply directly to exhaust components.



# EXTREME HEAT BARRIERS

## Cool Tape™

A flexible and super strong 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 matting, it is an ultra light weight 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

### COOL TAPE

Part #	Description
10408	1-1/2" x 15 ft roll
10413	2" x 60 ft roll (Cool Tape Plus)
10416	1-1/2" x 30 ft roll
10468	2" X 30 ft roll

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

\*Do not apply directly to exhaust components.

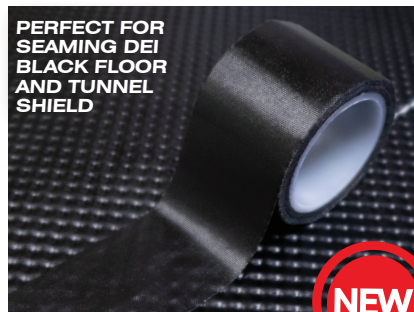


## Black Seam Tape

DEI's Black Seaming Tape is ideal for using with our Black Floor & Tunnel for edge and seam sealing. Made with a glass fiber scrim, high temperature adhesive, and durable black finish. Adds the finishing touch.

- Hides the seams and edges for DEI Black Floor & Tunnel
- Works great as a universal black tape
- Adheres to wood, steel, metal, aluminum, plastic & fiberglass
- Adhesive good up to 400°F
- Measures 1.5" x 15ft length

PERFECT FOR SEAMING DEI BLACK FLOOR AND TUNNEL SHIELD



NEW

### ADHESIVE TRANSFER TAPE

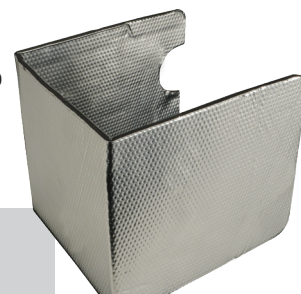
Part #	Description
10039	BLACK SEAMING TAPE

\*Do not apply directly to exhaust components.

## Form-A-Barrier™

Light weight, formable rigid shield provides excellent thermal protection up to 1300°F with minimal gap of 1 inch to heat source. Can be formed or bent by hand to conform to odd shapes. Mechanically fasten with pins, screws or bolts. Resistant to most automotive chemicals. Multiple applications include firewalls, interiors, engines and other areas.

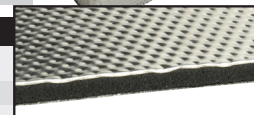
- Easily formable squares
- Both sides have reflective material
- Protection up to 1300°F



### FORM-A-BARRIER RIGID SHIELD

Part #	Description
11002	12" x 12"
11013	12" x 24"

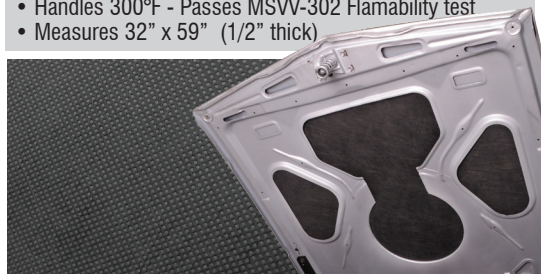
\*Do not apply directly to exhaust components.



## Black Under Hood™ Thermal Acoustic Lining

Designed for the engine compartment as a way to greatly reduce heat and noise with an easy peel and stick install. Engine heat and noise is a problem with modified vehicles with high performance components. Black Under Hood Lining can help solve this.

- Black textured finish
- Cooler hood & protects your paint
- Easy peel & stick installation
- Handles 300°F - Passes MSVV-302 Flamability test
- Measures 32" x 59" (1/2" thick)



### BLACK UNDER HOOD

Part #	Description
50129	32" X 59" (13.1 sq ft)

SEE PAGE 45 FOR PRE-CUT KITS

## Under Hood™ Thermal Acoustic Lining

Designed primarily for engine compartments as a way to insulate the underside of hoods and serves as a sound deadener while protecting paint finishes. 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.

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

UNDER HOOD  
THERMAL ACOUSTIC LINING



### UNDERHOOD

Part #	Description
50510	32" X 54" (12 sq ft)

800.264.9472





# CORVETTE HEAT CONTROL

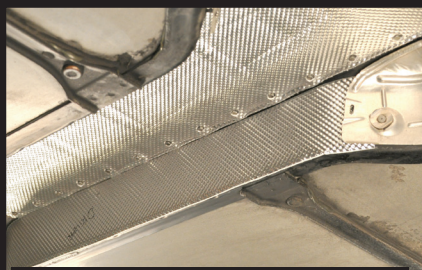
## Corvette Trans Tunnel Plate Heat Shield

The solution to dramatically reduce the amount of heat transferred to the Corvette C5 and C6 Transmission Tunnel Plates and into the vehicles' interior. This shield reduces the negative effects of in-cabin excessive high temps and improves the experience of driving a Corvette.

- Reduce console & interior temperatures
- Die cut for a perfect fit & ease of install
- No need to remove the Trans Tunnel Plate
- Peel backing, align & press into place
- Not affected by wind or water
- Extremely light weight



**TRANS TUNNEL PLATE SHIELD**



**SIDE SHIELDS (2 PER SIDE)**



### CORVETTE TRANS TUNNEL HEAT SHIELDS

#### Part # Description

- 50525 C5 Trans Tunnel Plate Shield (1 Piece)
- 50529 C5 Trans Tunnel Side Shields (4 Pieces)
- 50530 C5 Trans Tunnel Shield Kit (5 Pieces)
- 50526 C6 Trans Tunnel Plate Shield (1 Piece)
- 50531 C6 Trans Tunnel Side Shields (4 Pieces)
- 50532 C6 Trans Tunnel Shield Kit (5 Pieces)

## Catalytic Converter Shield C7 Corvette

(Also fits C6 Z06 models)

Chevrolet located the C7 engine oil cooler and oil filter close to the driver side catalytic converter causing heat transfer into the engine oil. Possibly making the ECM send the car into limp mode. By installing our converter heat shield we block this heat transfer and prevent the oil temperature from rising.

- Dual layer design - Outer layer is hi-temp TITANIUM, Inner layer is 89% silica to handle extreme heat
- Reduce heat soak into oil
- Easy installation with stainless steel Locking Ties
- Helps prevent car going into "limp mode" from engine oil becoming too hot.



### CATALYTIC CONVERTER SHIELD

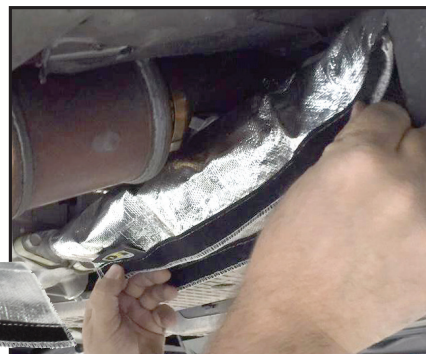
Part #	Description
10069	Catalytic Converter Shield

## Corvette C7 Oil Cooler Line Heat Shroud

The DEI Oil Cooler Heat Shroud is designed to easily wrap around the oil cooler lines without disconnecting the lines making installation simple and easy. The result is greatly reducing harmful radiant heat from soaking into the oil cooler lines.



- Reduces oil temperature
- Helps prevent Z06 from going into "limp mode" due to engine oil over heating
- No need to remove or disconnect lines to install



### CORVETTE C7 OIL COOLER LINE HEAT SHROUD

Part #	Description
10488	C7 Corvette Oil Cooler Line Heat Shroud 2-2.5" I.D. x 18"L

## Corvette EGR Pipe Cover 1985 - 1991

Protect 1985 through 1991 Corvette L98 EGR systems and nearby under hood components from damaging heat with the proper EGR Pipe Cover. DEI's sewn-in hook & loop edges makes for a quick and straightforward replacement without removing the EGR pipe. Just wrap the cover around EGR pipe and close edges.

- High temp glass fiber fabric bonded to aluminized outer facing
- Handles direct heat up to 500°F and 2000°F radiant
- Provide protection from oil, grease and chemical spills.
- 1.5" inside diameter when closed

### CORVETTE EGR PIPE COVER

#### Part # Description

- 10387 11.5" x 4.5" - 1985-88 (some 1989)
- 10388 15" x 4.5" - 1990-91 (some 1989)
- 10389 4.5" x 4.5" - 1987-91





## PREVENT JEEP VAPOR LOCK

### 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... Easy to install heat protection kit reduces heat soak on the fuel rail and injectors, in turn reducing vapor lock and keeping fuel cool.

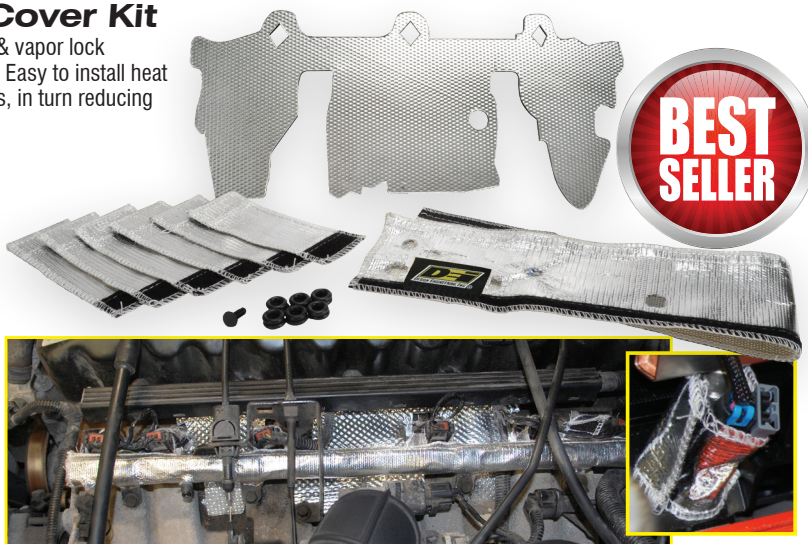
- Fits 1997-2004 4.0L JEEP models with inline 6 motor
- Reduces fuel rail & injector fuel temps
- Reduces chance of vapor lock
- Protect injectors & fuel rail from engine heat

#### 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

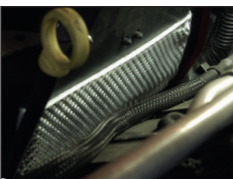
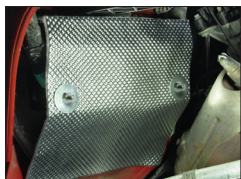
Part #	Description
10378	Jeep Fuel Rail & Injector Cover Kit



## Jeep® JK 2012-18 Battery Box Heat Shield Kit

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

- 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



#### JEEP JK BATTERY BOX HEAT SHIELD KIT

Part #	Description
10456	Jeep JK 2012-2015 Battery Box Heat Shield Kit

## 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 & chemicals
- Reduces underhood temperatures

#### 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



#### JEEP JK HEADER WRAP KIT

Part #	Description
10136	Jeep JK Header Wrap Kit





# TOOLS & ACCESSORIES

## Sprint Car Thermal Cover

Warm your engine up faster and keep heat in while waiting for the next heat race. The DEI Thermal cover for Sprint cars is made to take the heat and last. Designed with tough PVC coated Polyester fabric with glass mat insulation and Fiberglass lined wings it's both rugged and light weight. The fiberglass lined wings will not melt when touching the hot exhaust and built in snaps hold the wings in the up position to allow servicing of the engine.  
Built Ohio Tough

- Rugged and light weight
- Fiberglass wings prevent damage to the cover and won't melt on your expensive headers
- Fits most Sprint car chassis



HIGH-TEMP FIBERGLASS PANELS CAN REST DIRECTLY ON HEADERS



STAINLESS STEEL SNAPS TO HOLD UP SIDE FLAPS

HIGH-TEMP FIBERGLASS PANELS TO REST DIRECTLY ON HEADERS

### SPRINT CAR THERMAL BLANKET

Part #	Description
10225	Sprint Car Thermal Blanket

## Quarter Midget Fuel Line Kit

DEI Fuel Line Cover Kit is a safe and easy way to make sure you pass technical inspection for any USAC - 1/4 Midget Race.

- Includes 1-1/2' of 3/8" ID silicone covered glass braided sleeving, 4 Heat Shrink Sleeves
- Meets USAC requirements for fire proof fuel line cover as stated in current rule book
- Rated to a max temp of 520°F for 136 hours



### QUARTER MIDGET FUEL LINE KIT

Part #	Description
10634	Quarter Midget Fuel Line Kit



## Grommet and Locking Tie Kit

When mounting heat shields or other materials it can be difficult to make it look professional. DEI has put together a complete Grommet and Tie kit to make any install look first class. Included in the kit are 24 - 3/8" grommets, Grommet eyelet tool, Six 20" long stainless locking ties and our handy locking tie tightening tool. Everything you need for a professional looking installation.

- Universal kit for mounting heat shields, & other heat barriers
- Includes FREE Locking Tie Tool

### GROMMET KIT

Part #	Description
10223	Grommet Kit



## Stand Off Kit

This kit is designed as a solution for mounting heat barriers, custom shields and more. The stainless standoffs are tough and can hold up to any environment. Kit comes with 6 stand-offs plus washers and mounting hardware.

- Solution for mounting heat shields, & other heat barriers
- Includes 6 stand-offs & mounting hardware

### STAND OFF KIT

Part #	Description
10224	Stand Off Kit



1/2" tall stand-offs



# TOOLS & ACCESSORIES

## IMPROVED FORMULA Hi-Temp Spray Adhesive

DEI's Improved Formula Hi-Temp Spray Adhesive is a very aggressive, high build pressure sensitive adhesive designed to bond porous substrates while maintaining a high level of tack. Useful for bonding foam, fabric, metals, wood and of course DEI's heat and sound barrier materials. The spray is a web pattern for excellent coverage on all materials.

- California Compliant Low VOC SCAQMD Rule 1168
- Very Aggressive, High Tack Adhesive
- Single Sided Application
- High Build Web Spray
- High Strength, long-term bond
- No ODS (ozone depleting substances)

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

### HI-TEMP SPRAY ADHESIVE

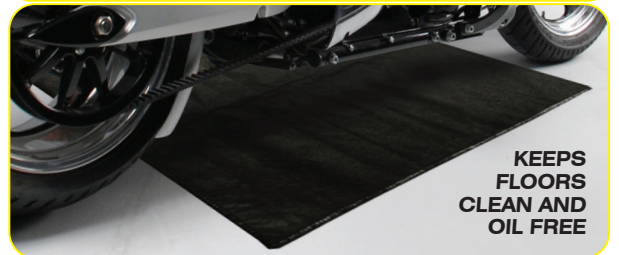
Part #	Description
10492	13.3 OZ SPRAY CAN (12 per master carton)



## Oil Rug

Protect floors, work areas, work benches - anywhere there's a potential of oil spills or leaks, and makes clean up easy. Contains and absorbs oil spills under vehicles, motorcycles, around machinery, under leaking equipment, work benches and other maintenance areas. They absorb hazardous and non-hazardous materials including oil, petroleum and glycols.

Absorbent felt face, a hydrophobic material and backed with a barrier layer to contain the fluids. Edges are sealed to contain contaminants and can absorb over 16 ounces of fluid per sq ft.



- Keeps oil contained
- Absorbs spills and drips
- 3 different sizes

### SEALED EDGES TO CONTAIN SPILLS



### OIL RUG

Part #	Description
10750	12" X 18" Oil Rug
10751	18" X 24" Oil Rug
10752	29" X 48" Oil Rug

## 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
10410	3 oz tube



FORMULA DRIFT DRIVER  
**ADAM LZ & LZMFG**  
USE DEI HEAT PROTECTION  
PRODUCTS TO KEEP COOL,  
SAFE, AND PERFORM AT  
THEIR BEST ON THE TRACK

Photo: Larry Chen



# TAPES & LIGHTING

## 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. Does not leave a sticky residue. Silicone compound 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.

- 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

Part #	Description
10491	Black (1" wide x 12 ft roll)

## 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 design.



NOTE: Also available in a countertop display pack (Part # 60100) 18 rolls - 2 of each color

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

### SPEED TAPE

Part #	Color	Part #	Color
60101	Black	60105	Yellow
60102	White	60106	Purple
60103	Red	60107	Green
60104	Blue	60108	Orange
60202	Checker-board		
60100	18 Roll Display - 2 rolls of each color		

## LED Lite-N-BOLTZ™ Accent Lighting Kits

LED Lighted Button Head Bolts, with hex head opening, can be used anywhere accent lighting is desired. Great 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.



### LITE-N-BOLTZ ACCENT LIGHTS

Part #	Color	Part #	Color
30303	White (2-pk)	30306	Green (2-pk)
30304	Red (2-pk)	30307	Blue (2-pk)
30305	Amber (2-pk)	30308	Purple (2-pk)

## Lite-N-BOLTZ Plan-O-Gram

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

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

### LITE-N-BOLTZ PLAN-O-GRAM

Part #	Description
30100	LED Lite'N Boltz Plan-O-Gram



## 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.

Keep license plates lit and visible

- Superior lighting & meets legal requirements with great looks
- Made of high-grade stainless steel with clear waterproof lens
- Perfect for license plate relocation projects only using .30MA current, 0.36 watts



### LITE-N-BOLTZ

Part #	Description
30301	Satin License Plate Kit Dome Head (4-pc.)
30302	Satin Dome Head (2-pc.)
30309	Polished License Plate Kit Dome Head (4-pc.)
30310	Polished Dome Head (2-pc.)
30311	Polished Acorn Shape Head (2-pc.)



# SAFETY PRODUCTS



## 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
70513	Clear lenses
70514	Yellow lenses
70515	Smoke lenses

## Heel Protector

When racing, the floor, firewall and transmission tunnel can get unbearably hot. You can get uncomfortable and even get burned. DEI Heel Protector solves this with an insulated, easy on/easy off protection that blocks the heat and keeps you cooler the entire race. A sewn in wear surface will help the DEI Heel Protector last race after race.

- Easy slip on/off
- Protects against burns and heat
- Light weight & flexible



### HEEL PROTECTOR

Part #	Description
11015	Heel Protector

## Pit Crew Safety Kit

### 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
70540	Pit Crew Safety Kit

### AVAILABLE SEPARATELY

Part #	Description
70520	Safety Sleeve (single)
70521	Safety Sleeve (pair)
70530	Ear Plugs

## 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 heat
- Protection against dirt, dust & grime
- Measures 14" L x 7" W x 13" H

### HUB & ROTOR COVER

Part #	Description
10485	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
- Withstands 500 °F direct / 2000 °F radiant heat
- Easily slips over dyno tie down strap
- 36" long x 5" wide

### DYNO STRAP HEAT GUARD

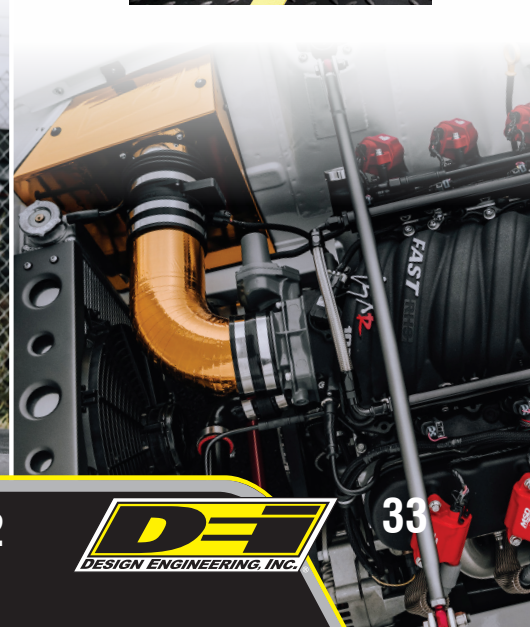
Part #	Description
10466	Dyno Strap Heat Guard

NOTE: Not for direct pipe contact



ERIC RITZ  
LS SWAPPED '73 240Z

Photo: Hannah Miller



800.264.9472







**THE POWER OF COOL**

## Cryogenic Intake Systems

**Cryo<sup>2</sup>™** is a revolutionary product designed to reduce air and fuel temperatures thus creating more power. Through the science of aerodynamics and cryogenics, we have developed a system to harness the cryogenic properties of liquid CO<sub>2</sub> to lower the intake charge temperature by up to 50°F.

The system is modular and can be easily expanded. This system provides two methods for cooling the air charge and one for cooling fuel, all utilizing the same burst of liquid CO<sub>2</sub>. Plus CO<sub>2</sub> is readily available at any welding or medical supply locations or where paintball guns are charged.

### Intercooler Sprayer Kit



- Enhances intercooler thermal transferability
- 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
- CO<sub>2</sub> 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
- Includes CO<sub>2</sub> fittings & electrical hardware
- 16"x 5" front-mount intercooler sprayer

#### INTERCOOLER SPRAYER KIT

Part #	Description
80108	Intercooler Sprayer Kit

### Intercooler Sprayers

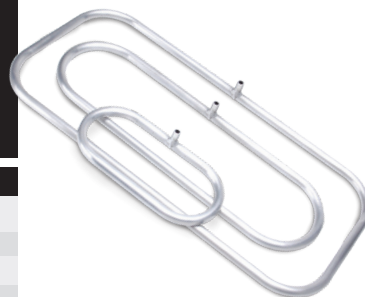
Intercooler Sprayers mount directly to the front of air-to-air intercoolers and vent the liquid CO<sub>2</sub> directly on to the cooling fins, enhancing the performance of the intercooler by more than 50% and eliminating heat soak. This component must always be the last in the CryO<sup>2</sup> system as it vents the liquid CO<sub>2</sub> charge.



Fittings & hardware included for multiple mounting options

#### INTERCOOLER SPRAYERS

Part #	Description
80130	Front Mount - 16" x 5"
80131	Front Mount - 8" x 4"
80134	Front Mount - 19" x 9"



### CRYO<sup>2</sup> Tank & Installation Kit

The foundation of every CryO<sup>2</sup> system

#### Kit includes:

- 10 pound CO<sub>2</sub> tank
- Tank mounting brackets (10lb Dia. Max 7.375" - Min. 6.875")
- Cryogenic solenoid valve
- 14 ft. stainless steel braided supply line
- Arming, activation, & WOT switches
- Includes CO<sub>2</sub> fittings & electrical hardware

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

#### TANK & INSTALLATION KIT

Part #	Description
80102	10 lb. Tank and Installation Kit
80103	10 lb. Spare Tank
80105	10 lb. Installation Kit Only (without tank)



### Air Intake & Intake Bulbs

The CryO<sup>2</sup>™ 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, supercharged, & 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

#### AIR INTAKE & INTAKE BULBS

Part #	Description
80110	Air Intake - 3" O.D.
80111	Air Intake - 2 1/2" O.D.
80112	Air Intake - 4" I.D. / 4 1/2" O.D.
80117	Air Intake Bulb 1.75" - Bulb & legs only
80119	Air Intake Bulb 1.25" - Bulb & legs only



CO<sub>2</sub> flows through bulb, cooling the air charge

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





## Cryo<sup>2</sup>™ Components

### CRYO2 COMPONENTS

Part #	Description
80107	-4AN Tank Nut & Nipple to 320 CGA f
80135	Line Splitter (for dual IC sprayers or purges)
80200	Cryogenic Solenoid Valve
80201	Stainless Steel Braided Hose 14'-4AN f
80202	Stainless Steel Braided Hose 2'-4AN f & 1/8 NPT m
80204	Stainless Steel Braided Hose 1'-4AN f & 1/8 NPT m
80205	Stainless Steel Braided Hose 3'-4AN f & 1/8 NPT m
80206	Stainless Steel Braided Hose 5'-4AN f & 1/8 NPT m
80210	1/8 NPT f - 1/8 NPT f Brass Union
80211	1/8 NPT m Brass Connector Fitting
80213	-4AN Male x 1/8 npt f Fitting
80214	1/4npt f -4AN m Brass Fitting
80215	1/8npt m -4AN m Fitting
80216	"Y" block 1/8 NPT f all
80230	Full Wide Open Throttle Switch Kit
80231	Full WOT Switch Bracket
80232	Push Button Switch
80242	10 lb. Tank Mounting Bracket – short
80243	10 lb. Tank Mounting Bracket – tall
80250	Silicone Connector Sleeve Black 2.5" ID
80251	Silicone Connector Sleeve - Black 3" ID
95049	Purge Plug - 1/8in NPT
95090	NHRA Blow Off Burst Fitting + Disc & Harrison Valve

## Intercooler Water Sprayer

- Universal kit designed for all air-air I/Cs & heat exchangers
- Use with or without our Cryo<sup>2</sup>™ Intercooler Sprayers
- Light-weight construction
- 1.25 quart capacity
- Complete kit including all hardware & instruction



### INTERCOOLER WATER SPRAYER

Part #	Description
80140	Intercooler Water Sprayer Kit

## Fuel Chiller System

The Cryo<sup>2</sup>™ Fuel Chilling System takes fuel chilling to the next level! Four times more effective than "Cool Can" devices. Utilizes CO<sub>2</sub> for cooling, not ice. Internal tube/baffle design maximizes surface area complete with -4AN fuel fittings, -6AN fittings, mounting brackets, and hardware.



### FUEL CHILLER SYSTEM

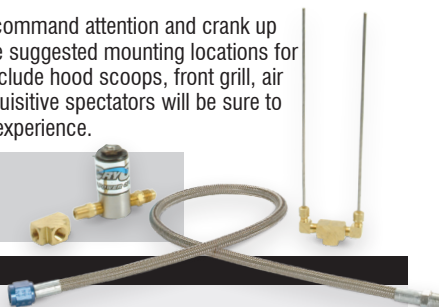
Part #	Description
80125	Fuel Chiller System

Cooling Tubes

## Purge Kits

A purge blast of CO<sub>2</sub> will turn heads, command attention and crank up the "wow" factor a few notches. Some suggested mounting locations for a Cryo<sup>2</sup>™ 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.

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



### PURGE KITS

Part #	Description
80300	Single Purge Vent (Assembled Tube Only)
80301	Dual Purge Vent (Assembled Tubes Only)
80302	Complete Single Purge Kit (w/ hose & solenoid valve)
80303	Complete Dual Purge Kit (w/ hose & solenoid valve)

## Adjustable Timer Switch

- Control the flow of CO<sub>2</sub> & extend bottle life
- Separately adjustable on time/off time controls
- 0.2 to 30 second adjustable duration range
- Includes Timer Switch, wiring, terminals & installation instructions.

### ADJUSTABLE TIMER SWITCH

Part #	Description
80203	Adjustable Timer Switch







## RADIATOR RELIEF

### High Performance Coolant Additives

All Radiator Relief coolant additives are specially formulated to reduce the surface tension of the coolant to prevent bubbles from forming on hot metal surfaces, such as cylinder heads, known as cavitation. This allows heat to transfer into the coolant more efficiently. Radiator Relief improves that heat transfer while reducing cavitation & scaling.

#### Radiator Relief™

Radiator Relief is an excellent method of reducing coolant temps as a preventive step to help avoid overheating, electrolytic (electrolysis) and chemical corrosion. It is compatible with all coolants, water 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
- Recommend 1oz per quart of coolant



#### RADIATOR RELIEF

Part #	Description
40200	16 oz bottle
40104	32 oz bottle

#### Heater Hotter™

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

#### HEATER HOTTER

Part #	Description
40206	16 oz bottle



#### For TIG Welders

Specially formulated to enhance cooling system performance by maximizing the thermal transferability of the coolant/water solution or plain water. Environmentally friendly TIG Chill is safe to use in all systems and with all types of coolants.

#### FOR TIG WELDERS

Part #	Description
40209	TIG Chill



#### FLUSH™

- Attacks mineral build up and oily residue with aggressive detergents
- Breaks up harmful deposits
- Helps restore maximum thermal transfer ability of your cooling system

#### FLUSH

Part #	Description
40202	16 oz bottle



#### For Diesels™

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

#### HEATER HOTTER

Part #	Description
40204	16 oz bottle







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.

## We make it easy for you to have a cool, comfortable vehicle.

Many companies will tell you there is one miracle material to control both heat and sound. It's just not true. If battling both of these annoying things, there is a two step solution that is the right way to do it.

**STEP 1...** control the noise and vibration with high quality Boom Mat Damping Material. This adds mass to the metal surface eliminating vibrations and noise. Any damping material on the market does very little for heat control! No matter if it is spray-on or sheet material. It controls vibration and noise. Period.

**STEP 2...** Block all the heat coming through the fire wall, floor and roof by using Under Carpet Lite over DEI damping material. This is the work horse product that keeps heat out and absorbs sounds within the cabin. Use Under Carpet Lite instead of carpet padding or jute material. These two steps are the proper, most effective way to get the greatest end result. A cool, quiet, comfortable interior.

## Where to use...

### FIREWALLS

**Damping Material** to control vibration

**Under Carpet Lite** to absorb sound & block heat

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

### DOOR SKINS

**Damping Material** to control vibration

**Heat Moldable** a barrier to block out sound & moisture

**Speaker Baffles** Protects speaker & enhance sound

**D-Mat** block radiant heat and reduce noise

### FENDER WELLS

**BOOM MAT FLEX**

Protects inner fenders & dampens vibrations

### ROOF

**D-MAT INSULATION**

Block radiant heat and reduce noise

### HOOD

**Under Hood Thermal Acoustic Liner**

Protects hoods & paint from engine heat & reduces engine noise

### SPEAKER DECK REAR BULK HEADS

**Damping Material** to control vibration

**Under Carpet** to barrier out sound

**Speaker Baffles** Protects speaker & enhance sound

**D-Mat** lightweight insulation & sound absorber

### TRUNKS

**Damping Material** to control vibration

**Leather Look** to barrier out sound

**Under Carpet** to insulate barrier out sound

**D-Mat** block radiant heat and reduce noise

## The worlds best builders can't be wrong





# SOUND DAMPING MATERIAL

## Vibration Damping Material Boom Mat (2mm) & Boom Mat XL (4mm)

Premium quality damping material in two thicknesses; 2mm and 4mm, 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.

- Easy-Peel plastic release liner - Not paper backing that tears
- Enhances stereo performance & sound
- Gives you a quiet & comfortable interior
- Minimal prep & install time
- Performs in extreme temperatures

### 2MM BOOM MAT

Part #	Description
50200	12" x 12-1/2" (2 sheets) (2.1 sq. ft.)
50202	12" x 12-1/2" (4 sheets) (4.2 sq. ft.)
50204	12" x 12-1/2" (8 sheets) (8.3 sq. ft.)
50206	12-1/2" x 24" (6 sheets) (12.5 sq. ft.)
50210	12-1/2" x 24" (10 sheets) (20.8 sq. ft.)
50212	12-1/2" x 24" (20 sheets) (41.7 sq. ft.)
50214	12-1/2" x 24" (30 sheets) (62.5 Sq. ft.)

### 4MM BOOM MAT

Part #	Description
50221	12-1/2" x 24" (2 sheets) (4.2 sq. ft.)
50222	12-1/2" x 24" (5 sheets) (10.4 sq. ft.)
50223	12-1/2" x 24" (10 sheets) (20.8 sq. ft.)
50224	12-1/2" x 24" (15 sheets) (31.25 sq. ft.)

Use as a first layer to control noise and dampen vibrations

2MM THICK BOOM MAT  
4MM THICK BOOM MAT XL



## Boom Mat Spray-On - Damping Material

Spray-On damping is designed to reduce the vibration in 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 be painted 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



PAINTABLE FINISH



### BOOM MAT SPRAY-ON

Part #	Description
50220	18oz can (6 per master carton)

## Boom Mat Tape - Damping Material

2mm thick Buytl with .004" Black or Silver Aluminum Face

- Easy to remove clear release liner
- Cover seams and gaps
- Spot coverage for vibration
- Secure and protect cables, wires and lines
- Easy to Use

### BOOM MAT TAPE

Part #	Description
50215	Black - 2" x 20ft roll
50449	Silver - 1.5" x 20ft roll



Bundle & secure wires, hoses & more





# SOUND DAMPING MATERIAL



## SUPERCHARGE YOUR SPEAKERS Speaker Upgrade Kit Two Speaker Kit

Boom Mat Speaker Upgrade Kit is the perfect solution for quickly improving speaker sound and performance by reducing vibrations and improving acoustics. Simply remove speaker, apply Boom Mat on metal mounting surface, and re-install speaker. It's that simple!

- Eliminate squeaks, rattles & improve acoustics
- Flexible – can be applied to irregular surfaces
- Unaffected by temperature extremes
- Works great on steel, fiberglass or plastic
- Easily trim to size, peel & stick



**Remove speaker, apply material, re-install speaker**

### Kit Includes:

4 - 6" x 12.5" (2.1 sq ft) sheets of Boom Mat Damping Material.

### SPEAKER UPGRADE KIT

Part #	Description
50199	Speaker Upgrade Kit



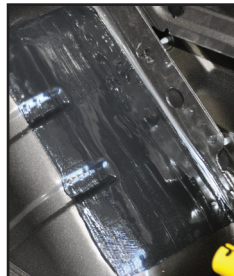
## Vibration Damping Flex Damping Material

For applications that require a damping material that can conform to odd shapes and tighter bends than our standard Boom Mat. Boom Mat Flex can be used inside wheel wells, around tubing and pipes and other areas where the standard Boom Mat Aluminum may not conform easily. Made from 2.5mm thick Butyl rubber but with a clear poly surface.

- Conforms to odd bends and tight curves
- Use in wheel wells & around tubing & pipes
- 12" x 12" squares

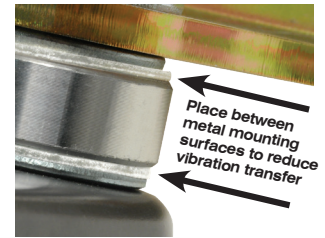
### FLEX DAMPING MATERIAL

Part #	Product Description
50228	2 - 12"x 12" squares (2 sq ft)
50225	4 - 12"x 12" squares (4 sq ft)
50227	10 - 12"x 12" squares (10 sq ft)



## Boom Mat Decoupling Washers

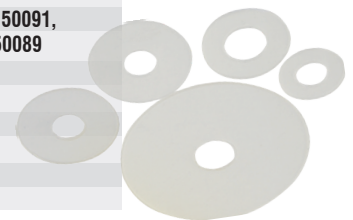
Decouple bodies, gas tanks, fenders and more from engine and road vibrations. Viscoelastic elastomers act as a barrier between metals to dissipate vibrations, resonance and impact. Simply add washer between the metal surfaces. Multiple sizes available for any type of installation.



### BOOM MAT DECOUPLING WASHERS

Part #	Product Description
50087	Washer kit (8 - 50092, 8 - 50091, 8 - 50090, 8 - 50088, 4 - 50089)
50088	15.24 ID x 29.51 OD
50089	13.48 ID x 63.5 OD
50090	13.48 ID x 26.98 OD
50091	10.31 ID x 31.75 OD
50092	10.3 ID x 20.63 OD
50085	4" x 6" Sheet Material

- .050" thick (+/- 10%)
- 67a hardness



## Heat & Sound Barrier Material

DEI Sound Barrier is a combination of a .75 lb/ft2 mass loaded barrier with a 1/2" nonwoven sound absorbing material lamination. One product provides vibration damping, sound control and heat blocking. Meets FAR 25.853 and Reach standards. Can be glued, mechanically fastened or laid under carpet. Sold 55" wide by the linear yard.

- One solution for heat and sound control
- Sound barrier & vibration damping layer
- Insulation & sound absorption layer
- Extremely light weight
- Easy to trim and install
- Fits great under carpets instead of jute or insufficient heat & sound control products
- Passes FMVSS-302 Flamability test



### HEAT & SOUND BARRIER

Part #	Description
51135	55" wide x linear foot
51136	55"x 60" (21.25 sq ft)



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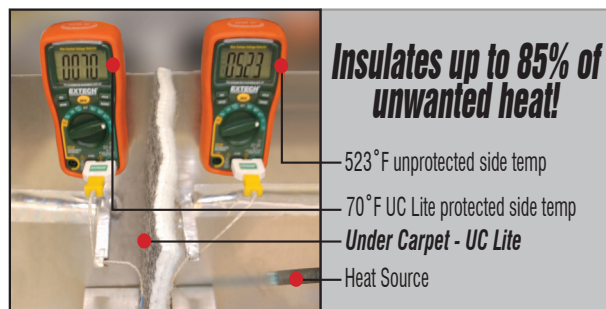
# INSULATION / SOUND ABSORBER

## Interior Insulation & Sound Absorber Under Carpet Lite

**Use Under Carpet Lite instead of jute or carpet padding to block 85% of heat & absorb noise**

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. Self extinguishing and is .500" thick, 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
- Density .70Kg/m<sup>2</sup>



**Insulates up to 85% of unwanted heat!**

523°F unprotected side temp  
70°F UC Lite protected side temp  
**Under Carpet - UC Lite**  
Heat Source



**1/2" THICK!**

**Compresses to 1/4"**

### UNDER CARPET LITE

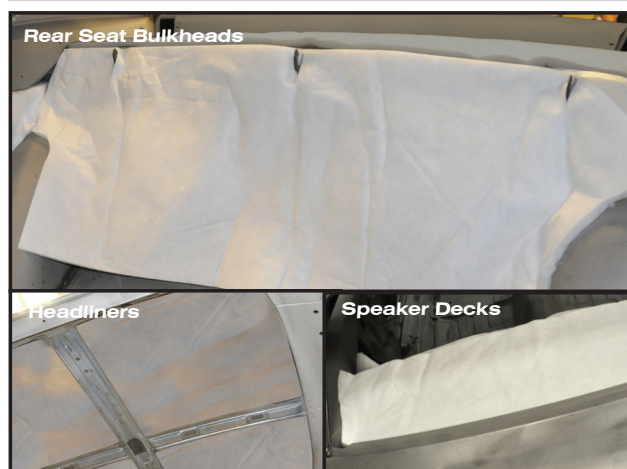
Part #	Product Description
50110	24" X 70" (11.6 sq. ft.)
50111	48" X 70" (23.3 sq. ft.)
50112	70" wide by the linear foot
50113	70" X 72" (35 sq. ft.)

## Interior Insulation & Sound Absorber D-Mat Insulation (12mm & 30mm)

Insulation designed for under head liners, doors, package trays and other areas. Extremely light weight and pliable D-Mat is the perfect choice for these areas. Both 12mm & 30mm thick is compressible and can be used under head liners providing thermal protection keeping your interior cool. Made from a polymer blend with a scrim backing D-Mat can be used in applications up to 325°F while showing up to an 65% reduction in heat. D-Mat has exceptional acoustic absorption, meets flammability rating and is mildew and bacteria resistant.

- Comfortable interior at any temperature
- Headliners, rear seat bulkheads, speaker decks, trunks, kick panels, doors & more
- Economical insulating solution
- Light weight for high performance applications
- Passes FMVSS-302 Flammability test

(\* Not recommended for floor use. Use UC Lite for floors)



**Scrim backing**

**Advanced polymer blend**

(12mm & 30mm thicknesses available)



### D-MAT INSULATION

Part #	Product Description
50410	12mm thick D-Mat 60" x 40"
50411	12mm thick D-Mat 60" x 70"
50412	12mm thick D-Mat 60" wide by the linear foot
50413	30mm thick D-Mat 82" wide by the linear foot

Roadster Shop used DEI & Boom Mat to keep Dave's 1955 Chevy cool & comfortable





# HEAT & SOUND BARRIERS

## Heat Barrier • Floor & Tunnel Shield II™

EXTREME HEAT BARRIER! 10 mil dimpled aluminum face with a glass fiber backing. It is self extinguishing and only a .3% moisture absorption. Withstands up to 1750°F of continuous radiant heat with an aggressive self-adhesive backing. Easy to use - simply trim, peel and stick. Use on fire walls, trans tunnels, floor boards, fuel cells and anywhere protection from heat is needed.

- 10 mil dimpled aluminum face
- Protection for engine components
- Protection for painted body panels
- Comfortable interior at any temperature
- Hi-temp adhesive for a "do-it-once" install



**ONLY 3/16" THICK!**



Fire Walls



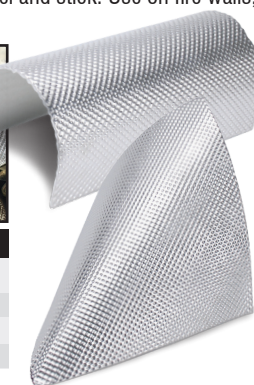
Above Exhausts



Trans Tunnels

FLOOR & TUNNEL SHIELD II	
Part #	Description
50507	21" X 24" (3.5 sq. ft.)
50508	21" X 48" (7 sq. ft.)
50509	42" X 48" (14 sq. ft.)

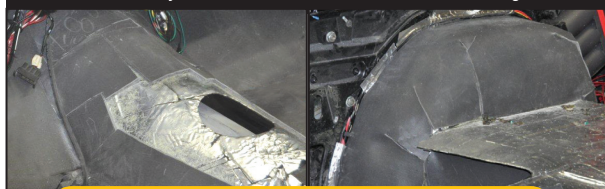
\*Do not apply directly to exhaust components.



## Under Carpet Noise Barrier & Insulation

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 most exterior noise providing a quiet, theatre-like environment. 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.

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



**ONLY 3/8" THICK!**

11lb per sq. ft. mass loaded vinyl with marine grade foam backing

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

### UNDER CARPET

Part #	Description
50100	24" X 54" (9 sq. ft.)
50101	48" X 54" (18 sq. ft.)
50102	54" wide by the linear foot

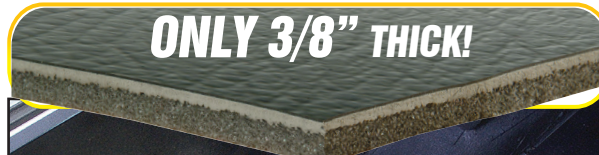
## Leather Look Noise Barrier & Insulation

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.

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

### LEATHER LOOK SOUND BARRIER

Part #	Description
50120	24" X 48" (8 sq. ft.)
50121	48" X 48" (16 sq. ft.)
50122	48" wide by the linear foot



**ONLY 3/8" THICK!**

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

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

## Universal Upholstery Material

Universal upholstery material is perfect for headliners, door panels or package trays. Made with our Black perforated Leather look vinyl laminated to an open cell 1/8" foam backing. Comes in a 54" x 79" sheet size. great for any custom interior project.

- High quality leather look perforated texture
- Extremely light weight sound insulating foam backing
- Black finish
- Mildew resistant
- Easy to shape to headliner backing
- Large size sheets reduce the number of seams

DEI Hi-Temp Spray adhesive is recommended to provide high strength adhesion. #10492

### UNIVERSAL UPHOLSTERY MATERIAL

Part #	Description
50028	Universal Upholstery Material



**NEW**

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# SPEAKER BAFFLES

## Speaker Baffles

Boom Mat Speaker Baffles maximize speaker performance by isolating the correct frequency responses while damping reverberation in the sheet metal and panel to frame resonance. Also forms a water tight protective shell to prevent moisture intrusion. Made from a closed cell polyethylene to enhance frequency response for improved sound clarity. Easy conformability in tight spaces for a professional installation. Isolates frequency responses and prevents sound from migrating to unfavorable areas in the vehicle such as door panels.

- All sold in pairs
- Maximize speaker performance by isolating the correct frequency responses
- Dampen vibration in sheet metal & panel-to-frame resonance
- Water tight protective shell to prevent moisture intrusion
- Closed cell polyethylene construction



### ROUND SPEAKER BAFFLES

Part #	Description	Depth
50310	4" Round	3-1/2"
50311	4" Round Shallow	2-1/2"
50320	5-1/4" Round	4"
50321	5-1/4" Round Shallow	2-1/2"
50330	6-1/2" Round	3-1/2"
50331	6-1/2" Round Shallow	3"
50340	6-3/4" Round	5"
50341	6-3/4" Round Shallow	3"

### OVAL SPEAKER BAFFLES

Part #	Description	Depth
50350	4" x 6" Oval	3-1/2"
50351	4" x 6" Oval Shallow	2-1/2"
50360	5" x 7" Oval	4-1/2"
50361	5" x 7" Oval Shallow	3"
50370	6" x 8" Oval	5"
50371	6" x 8" Oval Shallow	3"
50380	6" x 9" Oval	4-1/2"
50381	6" x 9" Oval Shallow	3-1/2"



## Speaker Baffle Retail Display

Everything needed to grow profits in a easy to use and easy to set up POP display. The perfect value added product to increase sales.

### SPEAKER BAFFLE RETAIL DISPLAY

Part #	Description
55300	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:
50310	4" Round
50311	4" Round Slim
50320	5-1/4" Round
50321	5-1/4" Round Slim
50330	6-1/2" Round
50331	6-1/2" Round Slim
50340	6-3/4" Round
50341	6-3/4" Round Slim
50350	4" x 6" Oval
50351	4" x 6" Oval Slim
50360	5" x 7" Oval
50361	5" x 7" Oval Slim
50370	6" x 8" Oval
50371	6" x 8" Oval Slim
50380	6" x 9" Oval
50381	6" x 9" Oval Slim

### OPTIONAL SLAT WALL HOOK KIT

Part #	Description
51900	4 - 8" Hooks 12 - 6" Hooks

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



### OPTIONAL GRID PANEL DISPLAY

Part #	Description
51910	4 - 8" Hooks 12 - 6" Hooks 24" x 60" Grid Panel Pair of Free Standing Legs 4 - Wall Mount Hooks 4 - Sign clips

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

**Perfect value added product Retail Display**



**DON'T FORGET TO SUPERCHARGE YOUR SPEAKERS!**  
The perfect upgrade to any install

See page 39 for more information





# COMPLETE INSULATION KITS

## 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.

**STEP 2:** Apply Boom Mat Spray-On to reduce the noise and vibration in hard to reach areas

**STEP 3:** Apply Under Carpet Lite over damping material to block up to 85% of heat and absorb noise.



### SMALL TO MEDIUM VEHICLES

Part #	Description
50500	Boom Mat Interior Kit (Small to Medium Vehicles)

#### Kit Includes:

Boom Mat Damping Material (25 sq.ft.) (14 - 12.5" x 24" sheets)  
72" x 70" Roll of Under Carpet Lite (35 sq.ft.)  
Boom Mat Spray-On (18oz. can)

### FULL SIZE VEHICLES

Part #	Description
50499	Boom Mat Interior Kit (Full Size Vehicles)

#### Kit Includes:

Boom Mat Damping Material (41.7 sq.ft.) (20 - 12.5" x 24" sheets)  
10ft. x 70" Roll of Under Carpet Lite (58.3 sq.ft.)  
Boom Mat Spray-On (18oz. can)

## Sprinter™ Van Custom Cut Insulation Kit

Custom Cut Sprinter Van insulation kits takes the guess work out of creating a cool, quiet, comfortable interior in your Sprinter Van. CNC custom cut kits include insulation pieces for each specific area of your interior. Each piece precision cut and made from exact 3D scans of Sprinter Van interiors. This reduces installation time, and gives the right solution to properly insulate your van. Kits also include Boom Mat damping material to eliminate squeak and rattles, and spray adhesive to complete the installation. Detailed instructions make installation simple.

Available for 2007 and up Mercedes Sprinter Vans.  
Long and short wheel base models.

### Call for applications

- Comfortable interior at any temperature
- Quick & easy installation
- Economical insulating solution
- Damping material eliminates vibrations, squeaks & rattles
- Custom cut 30mm thick D-Mat insulation controls, heat, cold & absorbs noise
- Available for 2017 and up Mercedes Sprinter vans - Long & short wheel base
- Passes FMVSS-302 Flammability test

## Sprinter™ Van Insulation Kit (2011-2018)

If you own a Sprinter Van you know how cold, loud and tinny sounding they can be. Increase comfort with Boom Mat sound damping and insulation kit. Universal kits include enough insulation material to do either a short wheel base or long wheel base Van. Kits also include Boom Mat damping material and spray adhesive to complete the installation along with instructions.

- Comfortable interior at any temperature
- Quick & easy installation
- Economical insulating solution
- D-MAT thermal acoustic insulation
- Universal kit

### SHORT WHEEL BASE KIT

Part #	Description
50400	Short Wheel Base Kit

Includes 250 sq ft of DEI insulation, enough Boom Mat and Spray adhesive to complete the job.

### LONG WHEEL BASE KIT

Part #	Description
50401	Long Wheel Base Kit

Includes 350 sq ft of DEI insulation, enough Boom Mat and Spray adhesive to complete the job.



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# PRE-CUT INTERIOR KITS

## Vehicle Specific - Pre-Cut Interior Heat & Sound Control Kits



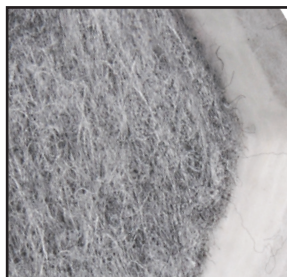
Design Engineering is leading the way with the most advanced thermal acoustic kits for vehicle specific applications. Using a combination of our new D-Mat ultra light weight insulation and sound absorber material, our proven Under Carpet Lite and 2mm damping material, we offer an effective and affordable solution to unwanted heat and noise, in easy to install... pre-cut... vehicle specific kits.

Each kit includes the correct material to cover specific interior areas including floors, firewalls, headliners, trunks and more. Designed using the right amount of material to control vibrations and eliminate undesirable noises such as tire, road and engine noise, all while blocking heat transferred from the engine bay and hot exhausts.

Fully illustrated instructions are included with each kit to show where each custom cut piece of material should be positioned for a simple no-guess work installation.

### Advanced Materials

Damping Material	Under Carpet Lite™	D-Mat™ Layer
<ul style="list-style-type: none"> <li>• Eliminate unwanted engine &amp; road noise</li> <li>• Dampen vibrations</li> <li>• Peel &amp; stick</li> </ul>	<ul style="list-style-type: none"> <li>• For floors</li> <li>• Light weight</li> <li>• Superior heat &amp; noise barrier</li> </ul>	<ul style="list-style-type: none"> <li>• For firewalls, headliners &amp; other areas</li> <li>• Ultra light weight</li> <li>• Superior heat barrier</li> </ul>



### Camaro/Firebird 1967-1969

#### INDIVIDUAL PRE-CUT KITS

Part #	Description
51404	Trunk Kit
51405	Package Tray Kit
51406	Trunk Divider Kit
51407	Floor Kit
51408	Roof Kit Coupe
51409	Kick Panel Kit
51410	Side Panel Kit
51412	Firewall Kit w/o Factory AC

#### COMPLETE PRE-CUT KITS

Part #	Description
51400	Coupe w/Factory AC
51401	Coupe w/o Factory AC
51402	Convertible w/Factory AC
51403	Convertible w/o Factory AC



### Chevy C-10 Reg Cab 1967-1972

#### INDIVIDUAL PRE-CUT KITS

Part #	Description
50025	INSULATION KIT
50024	DAMPING KIT



### Chevy (Square Body) Reg Cab 1973-1987

#### INDIVIDUAL PRE-CUT KITS

Part #	Description
50026	INSULATION KIT
50027	DAMPING KIT



### Chevy (OBS) Ext Cab 1988-1998

#### INDIVIDUAL PRE-CUT KITS

Part #	Description
50023	INSULATION KIT
50022	DAMPING KIT
50299	ROOF INSULATION KIT
50300	ROOF DAMPING KIT





# PRE-CUT INSULATION KITS

## Pre Cut Hood Insulation Kits

The perfect replacement for your worn out, dirty hood liner! DEI Hood Insulation Kits are custom cut and made from our Black Underhood material. It controls heat and sound and protects your paint from engine heat and chemicals. An aggressive adhesive backing makes an easy installation.

- Measures 1/2" thick.
- Handles 300°F - Passes MSVV-302 Flamability test

### TEXTURE DETAIL

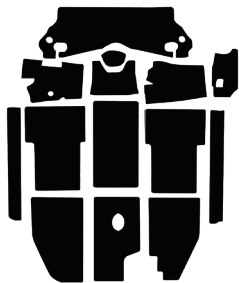
### UNDERHOOD INSULATION KITS

Part #	Description
50124	'70 - '72 Chevelle (non-functional cowl)
50125	'68 - '69 Chevelle
50126	'67 Chevelle
50127	'66 Chevelle
50128	'64 - '65 Chevelle
50099	'67 - '69 Camaro - Z28, SS, Base
50098	'69 - '70 Mustang - Base, Mach 1, Grande, GT-350, GT
50097	'70 - '72 Chevelle - Base
50096	'69 - '74 Nova
50096	'71 - '74 Ventura - Base, GTO
50096	'73 - '74 Omega
50096	'73 - '74 Apollo
50095	'68 - '70 LeMans / GTO
50094	'65 - '67 LeMans / GTO
50093	'66 - '67 Nova

## VW Beetle Floor Insulation Kit

Get a quite ride with our DEI sound, heat and damping kit for you Beetle. We include our D-Mat insulation precut to fit you Beetle to give you a cooler quite ride. Included in the kit is our Boom Mat damping material.

Fits Standard Beetle 1950-1972 & Super Beetle 1971-1972



### VW PRE-CUT INTERIOR INSULATION KIT

Part #	Description
51420	VW Complete Insulation Kit

## Mazda Miata & Triumph™ TR6 Trans Tunnel Heat Shield Kits

Kit for Mazda Miata from '06 - '15, and Triumph TR6 & TR250 models. A high-heat resistant material, 3/16" thick for minimal clearance and rated to handle 1750°F. Die-cut and are applied to the inside of the gearbox cover to reflect heat from entering the interior. Aggressive adhesive for a peel and stick application.

### TRANS TUNNEL HEAT SHIELD KIT

Part #	Description
10950	Mazda Miata Trans Tunnel Heat Shield
10882	Triumph Gearbox Cover Kit Kit



## Miata Pre-Cut Insulation & Vibration Damping Kits

Quite your ride with our premium thermal insulating/sound absorbing under carpet kit and vibration damping material kits. Whether your padding is worn out of you just want to upgrade, our DEI Under carpet kit is made from our proven Under Carpet Lite material. At 1/2" thick, it's engineered multilayer construction blocks heat and absorbs engine and road noise. Pre-cut for an easy fit and quick installation. Damping material kits add to the comfort level by eliminating road noise, vibrations, squeaks & rattles.



CNC cut pieces for precise fit & easy installation



### 1999-2005 MIATA FLOOR INSULATION KIT

Part #	Description
50295	1999-2005 Miata Floor Insulation Kit

### 1999-2005 MIATA DAMPING MATERIAL KITS

Part #	Description
50600	1990-2005 Miata Vibration Damping Kit
50296	All Year Miata Door Vibration Damping Kit

#### 50600 Kit Includes:

Qty 4 - 6"x 6" Damping Material  
Qty 4 - 12"x 12" Damping Material  
Qty 1 - 2"x 20ft Roll of Tape Damping Material  
Qty 1 - Installation Roller

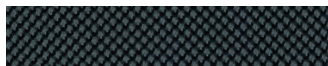
#### 50296 Kit Includes:

Qty 4 - 6"x 12" Damping Material  
Qty 2 - 2"x 24" Tape Damping Material

## VW Beetle Firewall Insulation Kit

- Reduce heat intrusion from engine compartment
- Lowers excessive engine noise levels
- Increases driver & passenger comfort
- Durable coating and materials to last
- Pre-cut pieces makes for easy install
- CNC cut pieces for precision fit
- High temperature polymer & resin coated aluminum skin with glass fiber matting
- Self adhesive backing

### Textured surface



### VW BEETLE FIREWALL HEAT BARRIER KIT

Part #	Description
10046	VW Beetle Firewall Heat Barrier Kit



# JEEP HEADLINER KITS

## Jeep® Wrangler Sound Deadening / Insulating 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.



**Reduces noise levels 3 - 4 decibels!**

**Reduces radiant heat from roof**

**Improves interior acoustics**



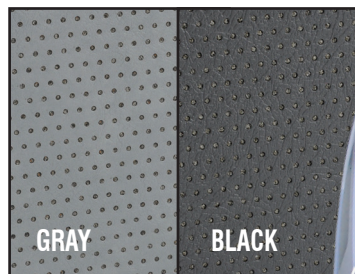
- Headliner reduces noise levels 3 to 4 decibels.
- A significant change in noise level that will make it easier to have conversations, enjoy your favorite music and insulating properties makes controlling interior heat and cold levels much easier.

### Two finishes:

#### Original Texture Finish



#### Leather Look Finish



## Sound Deadening / Insulation 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
- Original finish available in black, gray or white
- Leather Look available in black or gray





# JEEP HEADLINER KITS

## JL MODELS 2018-UP

### HEADLINER KIT

2-Door	4-Door	Year	Finish	Color
50188	50168	'18- UP	Original	Black
50189	50169	'18- UP	Original	Gray
50190	50170	'18- UP	Original	White
50191	50171	'18- UP	Leather Look	Gray
50192	50172	'18- UP	Leather Look	Black

### SIDE WINDOW KIT

2-Door	4-Door	Year	Finish	Color
50268	50173	'18-UP	Original	Black
50269	50174	'18-UP	Original	Gray
50270	50175	'18-UP	Original	White
50271	50176	'18-UP	Leather Look	Gray
50272	50177	'18-UP	Leather Look	Black

### HEADLINER & SIDE WINDOW COMBO KIT

2-Door	4-Door	Year	Finish	Color
50280	50178	'18-UP	Original	Black
50282	50179	'18-UP	Original	Gray
50281	50180	'18-UP	Original	White
50283	50181	'18-UP	Leather Look	Black
50284	50182	'18-UP	Leather Look	Gray



## JK MODELS 2007-2018

### HEADLINER KIT

2-Door	4-Door	Year	Finish	Color
50132	50131	'07-'10	Original	Black
50136	50135	'07-'10	Original	White
50134	50133	'07-'10	Original	Gray
50156	50155	'07-'10	Leather Look	Black
50158	50157	'07-'10	Leather Look	Gray
50138	50137	'11-UP	Original	Black
50142	50141	'11-UP	Original	White
50140	50139	'11-UP	Original	Gray
50160	50159	'11-UP	Leather Look	Black
50162	50161	'11-UP	Leather Look	Gray

### SIDE WINDOW KIT

2-Door	4-Door	Year	Finish	Color
50152	50149	'11-UP	Original	Black
50153	50150	'11-UP	Original	Gray
50154	50151	'11-UP	Original	White
50165	50163	'11-UP	Leather Look	Black
50166	50164	'11-UP	Leather Look	Gray

### HEADLINER & SIDE WINDOW COMBO KIT

2-Door	4-Door	Year	Finish	Color
50285	50290	'18-UP	Original	Black
50286	50291	'18-UP	Original	Gray
50287	50292	'18-UP	Original	White
50288	50293	'18-UP	Leather Look	Black
50289	50294	'18-UP	Leather Look	Gray



## LJ MODELS 2004 - 2006

### HEADLINER KIT

4-Door	Year	Finish	Color
50601	'04-'06	Original	Black
50603	'04-'06	Original	Gray
50602	'04-'06	Original	White
50605	'04-'06	Leather Look	Gray
50604	'04-'06	Leather Look	Black



## GLADIATOR MODELS 2019-UP

### HEADLINER KIT

4-Door	Year	Finish	Color
50183	'19- UP	Original	Black
50184	'19- UP	Original	Gray
50185	'19- UP	Original	White
50186	'19- UP	Leather Look	Gray
50187	'19- UP	Leather Look	Black



## TJ MODELS 1997-2006

### HEADLINER KIT

Part #	Year	Model	Finish	Color
50143	'97-'06	TJ '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers	Original	Black
50144	'97-'06	TJ '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers	Original	Gray
50145	'97-'06	TJ '97-'02 w/factory sound bar and '97-'06 with no roll bar speakers	Original	White
50146	'03-'06	TJ w/factory speaker pods	Original	Black
50147	'03-'06	TJ w/factory speaker pods	Original	Gray
50148	'03-'06	TJ w/factory speaker pods	Original	White



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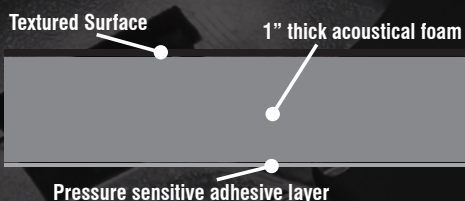


# HEAT & SOUND CONTROL PRODUCTS

## Sound Deadening / Insulation Universal Headliner Material

Universal Sound Deadening Headliner is now available in a 75" x 54" sheet. Peel and stick material can be used to dress up any interior 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 noise. Easy to cut to any shape.

- Adds additional sound deadening & thermal insulation
- Use to finish any interior panel
- Easy peel & stick
- 1" thick - With a black textured surface



Perfect for any interior roof panel

Easy to trim to any shape

### HEADLINER MATERIAL - ORIGINAL FINISH

Part #	Description
50528	1" Headliner Black 75" x 54"
50534	1" Headliner White 75" x 54"
50535	1" Headliner Grey 75" x 54"
50536	.5" Headliner Black 75" x 54"
50538	.5" Headliner Grey 75" x 54"
50537	.5" Headliner White 75" x 54"

### HEADLINER MATERIAL - LEATHER LOOK

Part #	Description
50539	1" Headliner Black 75" x 54"
50540	1" Headliner Grey 75" x 54"
50541	.5" Headliner Black 75" x 54"
50542	.5" Headliner Grey 75" x 54"

## IMPROVED FORMULA Hi-Temp Spray Adhesive

DEI's Improved Formula Hi-Temp Spray Adhesive provides high strength adhesion and bonds a wide variety of materials, including trims, foams, fabrics and more. The spray is a web pattern for excellent coverage on all materials.

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



- California Compliant Low VOC SCAQMD Rule 1168
- Very Aggressive, High Tack Adhesive
- Single Sided Application • High Strength, long-term bond
- No ODS (ozone depleting substances)

### HI-TEMP SPRAY ADHESIVE

Part #	Description
10492	13.3 OZ SPRAY CAN (12 per master carton)



## Adhesive Transfer Tape

DEI's Transfer Adhesive tape is a very aggressive, pressure sensitive adhesive double sided tape designed to bond substrates while maintaining a high level of tack. Usefull for bonding DEI's heat and sound barrier materials without the need for a spray adhesive. Adhesive transfer tape is a clean option for installing materials without the mess. Accurate placement of the adhesive allows for a clean, professional install.

- Very Aggressive, High Tack Adhesive
- Double sided tape • Clean installation
- High Strength, long-term bond
- Scrim reinforcement
- Temperature resistance: -22°F to + 248°F
- Measures 3" wide x 32' length



### ADHESIVE TRANSFER TAPE

Part #	Description
50205	1 ROLL
50207	2 ROLL PACK

## Boom Mat Prep Spray

Seals and converts rusty metal and iron into the ideal primed surface ready for Boom Mat installation.

- Great primer to convert rust and iron
- Dries to a black paintable surface
- Great for body rust, trailers & more

### BOOM MAT PREP SPRAY

Part #	Description
50491	16oz can



## 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
50216	Blade Lock Knife
50218	Installation Roller





## Complete Exhaust Wrap Kits

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.

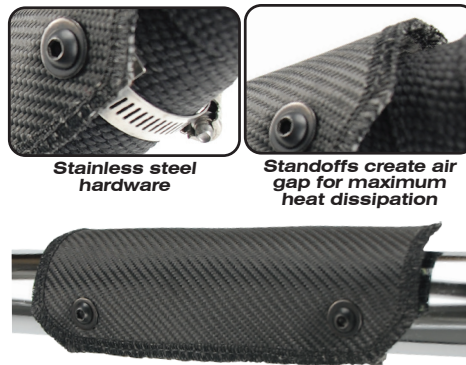
### EXHAUST WRAP KITS

Part #	Description
10330	Black Wrap w/Black HT Silicone Coating
10331	Tan Wrap w/Aluminum HT Silicone Coating
10332	Tan Wrap w/White HT Silicone Coating



## ONYX Series™ Flexible Heat Shield

A heat shield solution that looks great and outperforms other conventional heat shields. 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 temp resistant fabric (89% silica) designed to withstand serious exhaust heat. The outer edge is finished off with a surge stitch for durability. Stainless steel stand-offs & clamps. Can handle heat up to 1350°F, with an eye catching black finish.



Stainless steel hardware

Standoffs create air gap for maximum heat dissipation

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

### ONYX FLEXIBLE HEAT SHIELD

Part #	Description
10496	4" x 8" Length

## Flexible Heat Shield

The upgraded construction adds more rigidity with a cleaner look. Being flexible, these shields can be adjusted to fit a range of diameters. They work great as OEM replacements, over exhaust wrap, or even doubling up existing metal heat shields for the ultimate protection.

Each shield uses our reliable stainless standoff bracket and includes mounting hardware for easy installation. There are a few color combinations to choose from: TITANIUM Series™ (bronze with brushed trim) ONYX Series™ (black with brushed trim), and ONYX Double Black.



- Blocks heat more effectively than stamped metal shields
- Great Protection for shorter riders
- Semi-flexible material for easy fitment on almost any exhaust
- Stainless Steel stand-offs & clamps
- Dual layer high-temperature textile materials

### FLEXIBLE HEAT SHIELDS

Part #	Description
10900	ONYX Series Black 3.5" x 6.5"
10901	TITANIUM Series 3.5" x 6.5"
10902	ONYX Series Black 4" x 8"
10903	TITANIUM Series 4" x 8"
10926	ONYX Double Black 3.5" x 6.5"
10927	ONYX Double Black 4" x 8"

## EXO Series™ Exhaust Wrap

EXO Series exhaust wrap is designed for extreme environment use. It 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.



- Glass fiber wrap with 304 stainless exoskeleton
- Superior abrasion & impact protection
- Creates insulating air barrier
- Available in tan and black, in 1.5" width in 10', 20' and 30' rolls

### EXO EXHAUST WRAP

Part #	Description
10075	1.5 x 10' Tan
10076	1.5 x 20' Tan
10059	1.5 x 30' Tan
10077	1.5 x 10' Black
10078	1.5 x 20' Black
10058	1.5 x 30' Black

## Wide Band Clamps

Our Wide Band series of clamps are the perfect choice if you are looking to enhance the look of DEI 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.



- Can be polished to a show finish
- Great as an exhaust clamp
- Provides a clean transition from wrap to pipe
- Constructed of Stainless Steel

### WIDE BAND CLAMPS

Part #	Description
10214	2-3/8" (2.25" - 2.56" range)
10215	2" (1.88" - 2.19" range)



## HT Silicone Coating™

Recommended for use with DEI Exhaust Wraps, HT Silicone Coating penetrates, seals, protects and extends the lifespan of exhaust wrap.

- Protection from abrasions, hot oil & 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)
- Cure temperature 400°F (two hour cure time)

### HT SILICONE COATING

Part #	Description
10300	Assortment case 2 cans each (Black, Aluminum & White)
10301	Black
10302	Aluminum
10303	White



## Bodywork Protection Kit

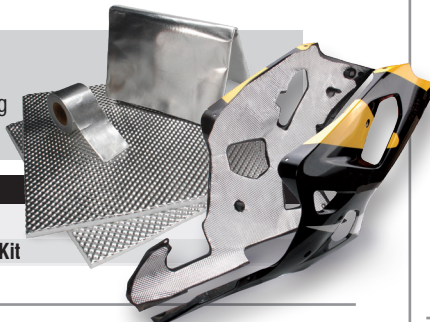
DEI has come up with the perfect kit to help protect against excess heat on any powersports vehicle. It includes a combination of DEI's lightweight, reflective materials perfectly sized for powersports applications. Great for use on fairings, air boxes, seat pans and rear fenders.

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" Reflect-A-Cool sheet, one 1 1/2" x 15' 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
10329	Bodywork Protection Kit

\*Do not apply directly to exhaust components.

## Golf Cart Muffler Shield Kit Yamaha 2007 & Up

During idling, the heat from the muffler can make the seat quite uncomfortable. DEI's wrap-around muffler shield kit keep the excess heat from getting to the seat. In addition, the muffler shield also suppresses the sound and vibration, resulting in a cooler and quieter cart. Installation is easy with basic hand tools and can be performed with the muffler still on the cart.

- Reduces discomfort from excessive muffler heat
- Easy install - No need to remove muffler

### GOLF CART MUFFLER SHIELD KIT

Part #	Description
10385	Muffler Shield Kit Yamaha G29 Golf Cart 2007-2014
10386	Muffler Shield Kit Yamaha G29 Golf Cart 2015 & up



## 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
10119	Black
10122	Tan
10123	TITANIUM



## Exhaust Sleeve & Locking Tie Kit

DEI now offers a our premium Titanium material in the form of a sleeve. This great looking alternative to traditional wrap satisfies the eyes while offering the same amount of insulation and protection. To fit properly the pipes must not have any welded brackets or fittings allowing the sleeve to slide over the end of the pipe. Each kit includes four of our stainless steel locking ties and tie tool to ensure a secure fit.

Kit Includes:

- 2" diameter sleeving x 5'
- (2) - 1/4" x 9" positive locking ties
- (2) - 1/2" x 9" positive locking ties
- (1) Locking Tie Tool included



### EXHAUST SLEEVE & LOCKING TIE KIT

Part #	Description
10022	Exhaust Sleeve & Locking Tie Kit

## Universal Under Tank Heat Reflection Kits

- Race fuel manufacturers recommend using reflective materials to help keep fuels stable
- Helps prevent vapor lock on hot days
- 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 & irregular shapes.



### UNDER TANK HEAT REFLECTION KIT

Part #	Description
10463	Reflect-A-Cool Kit
10464	Reflect-A-GOLD Kit

\*Do not apply directly to exhaust components.

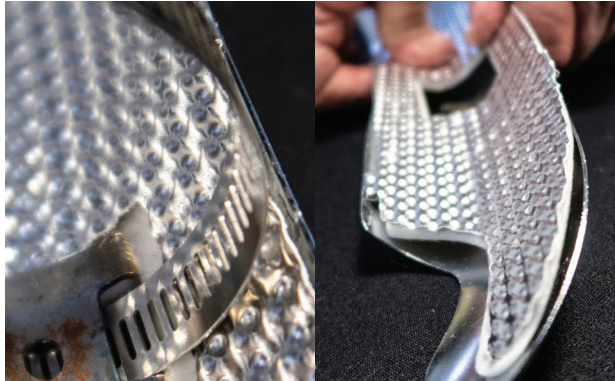


## Heat Shield Liners

Heat from the exhaust system can become uncomfortable, especially riding in slow traffic. This issue really comes into focus for those with shorter legs. Not wanting to disrupt the attractive lines and appearance of the exhaust, DEI's Heat Shield Liner Kit insulates the outer heat shield, without disturbing the looks of the bike. Each piece is precision cut to fit in-between the exhaust pipe and the heat shield, blocking heat transfer and lowering the surface temperatures of the outer shield. Easy to install, with no permanent modifications needed. The Heat Shield Liners are dual layer constructed of Aluminum and our proprietary Dura 2000™ insulating material and offer over a 60% reduction in heat.

- Reduces heat radiating from the exhaust system giving the rider and passenger a cooler ride.  
This is especially noticeable when the rider stops and puts their feet on the ground.
- CNC cut for a perfect fit
- Completely hidden when installed

### No modifications needed to install



**COMPLETELY HIDDEN WHEN INSTALLED!**



### HEAT SHIELD LINER KITS - COMPLETE HEAD PIPE KITS

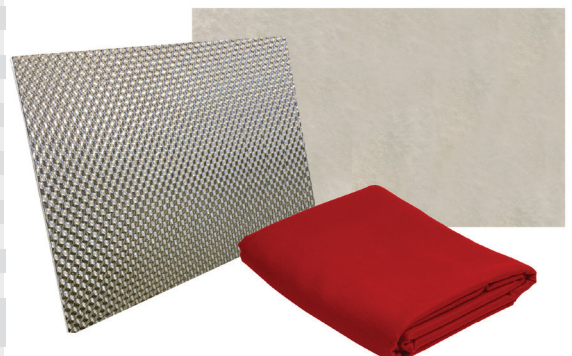
Part #	Motorcycle	Years	Headpipe	Model
901025	HD - FLH, FLT, FLR	2009-2016	Stock	
		2009-2016	Bassani	2x2 Headpipe
		2009-2016	Rush	Economy Line
		2010-2016	Supertrap	Unfiltered
		2009-2016	Two Brothers	Comp S Touring
901045	HD - FLH, FLT, FLR	2017-2020	Stock	
		2017-2020	Bassani	2x2 Headpipe
		2017-2020	Firebrand	Smooth Bore
		2017-2020	Khrome Werks	Hide A Way Drag
		2017-2020	Supertrap	Unfiltered
901052	HD - FLH,FLT, FLR	2017-2021	D&D	Billet Cat 2-1
901033	HD - FLH, FLT, FLR	2009-2016	Rinehart	Slim Line Duals
901027	HD - FLH, FLT, FLR	2009-2016	S&S Cycle	Power Tune Duals
901026	HD - FLH, FLT, FLR	2009-2016	Vance & Hines	Power Duals
901046	HD - FLH, FLT, FLR	2017-2020	Vance & Hines	Power Duals
901047	HD - FLH, FLT, FLR	2009-2016	Vance & Hines	Dresser Duals
901049	HD - FXST, FLST	2012-2017	Vance & Hines	Softail Duals
901051	HD - FXST, FLST	1986-2011	Vance & Hines	Short Shots
901055	HD XL	2014-2021	HD XL	Stock
901054	Triumph	2019-2021	Stock	1200 XE 1200 XC
901058	Indian Chieftain	2021	Stock	
	Roadmaster Springfield			
901059	Indian Chief Chieftain	2014-2020	Stock	
	Roadmaster Springfield			
901060	Indian Scout 1200 & 60	2020-2021	Stock	
901062	Indian Challenger	2020-2021	Stock	

### Universal Heat Shield Liner Kit

Our Universal Heat Shield Liner Kit includes all the right materials to create your own custom heat shield liner.

#### KIT INCLUDES:

21" x 48" sheet of Dimpled Aluminum  
18" x 51" sheet of Insulation,  
18" x 72" sheet of template making felt



#### UNIVERSAL CUT TO FIT KIT

Part #	Description
901053	Universal Cut To Fit Kit





# THE COOLEST, MOST COMFORTABLE RIDE EVER HEAT CONTROL KITS

- COOLER MORE COMFORTABLE PASSENGER COMPARTMENTS
- SPECIFICALLY DESIGNED TO CONTROL PROBLEM HEAT AREAS PER MODEL



PRECISION CNC CUT  
FOR EASY INSTALLATION





# ATV/UTV/SXS HEAT CONTROL KITS

## 2015-2021 Honda® Pioneer™ 1000-5 & 1000-3 Heat Control Kit

Tired of feeling the burn from your Honda® Pioneer? DEI Powersports now offers a heat shield kit that reduces the seat temperatures as well as blocking the heat radiating up through the seat belt holes. Also included, are two additional shields that protect the rear passenger foot well area. Installation is straight forward and these durable shields can be removed when its time for service. This kit increases riding comfort for you and your crew.

- Blocks excessive heat from the engine bay
- Lowers temperatures on the seat and middle plastic panel
- Includes foot well protection for the rear passenger
- Easily removable for service
- Fits: 2014-2020 Honda Pioneer 1000-5 & 1000-3 model

### HONDA PIONEER HEAT CONTROL KIT

Part #	Description
10874	Front Seat & Rear Footwell Heat Control Kit



## 2015-2021 Honda® Pioneer™ 1000-5 & 1000-3 Auxilliary Fan Kit

An auxiliary fan system helps evacuate the hot air that gets trapped in the engine compartment on the Honda® Pioneer. A programmable thermostat reads real time temperature and allows you to set the fan activation temperature. The compact 3" marine grade fan quickly draws down the excessive heat generated by the engine and exhaust system. Plug and play harness for easy installation.

- Evacuates trapped hot air
- Programable thermostat
- Marine grade fan assembly
- No cutting or splicing required

### HONDA PIONEER FAN KIT

Part #	Description
10875	Auxilliary Fan Kit - 2015-2021



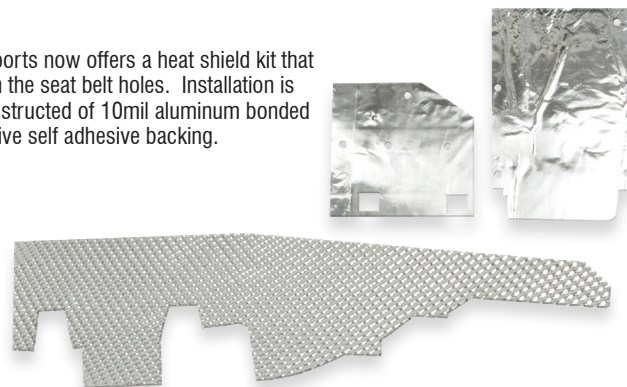
## 2014-2021 Honda® Pioneer™ 700 & 700-4

Tired of excessive heat when running your Pioneer 700 or 700-4? DEI Powersports now offers a heat shield kit that reduces the seat temperatures as well as blocking the heat radiating up through the seat belt holes. Installation is straight forward with CNC cut pieces of our Extreme Heat Barrier material. Constructed of 10mil aluminum bonded to a finely woven layer of high temperature resistant glass fiber and an aggressive self adhesive backing.

- Fits 2014-2020 Pioneer 700 & 700-4 models
- Reduces noise, vibration, and heat
- Only 3/16" thick, withstands radiant temperatures up to 1750°
- No modifications needed to install

### HONDA PIONEER 700 HEAT SHIELD KIT

Part #	Description
902110	Honda Pioneer 700 & 700-4



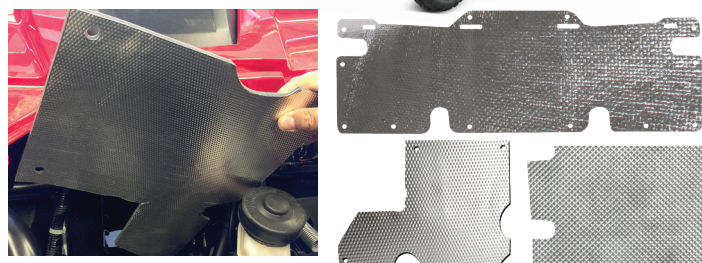
## 2019-2021 Honda® Talon™ 1000

Tired of excessive heat when running your Talon 1000? DEI Powersports now offers a heat control kit that greatly reduces heat radiating up through the center console and seats giving you a much more comfortable ride. Installation is straight forward with CNC cut pieces of our Extreme Heat Barrier material. Constructed of 10mil aluminum bonded to a finely woven layer of high temperature resistant glass fiber and an aggressive self adhesive backing.

- Fits 2019-2020 Talon 1000 2 seat models
- Front heat shield/mud deflector kit
- Only 3/16" thick, withstands radiant temperatures up to 1750°
- No modifications needed to install

### HONDA TALON 1000 HEAT SHIELD KIT

Part #	Description
902111	Honda Talon





# ATV/UTV/SXS HEAT CONTROL KITS

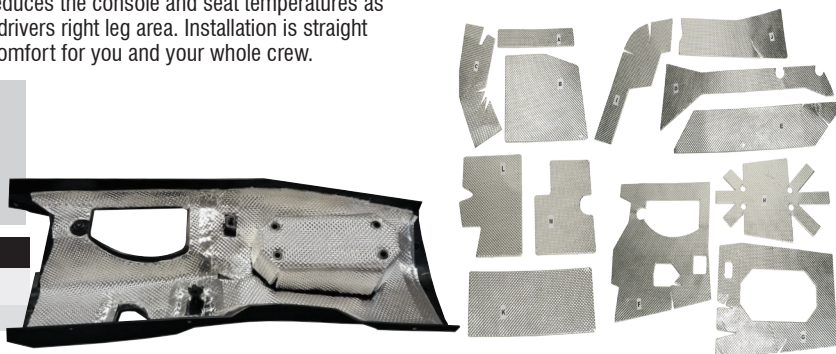
## 2011-2018 Can-Am® Commander™ Heat Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- All 2 seat models 2011-2018
- Blocks heat build up in the cockpit area
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### CAN-AM COMMANDER HEAT CONTROL KIT

Part #	Description
10878	Heat Control Kit



## 2016-2021 Can-Am® Commander MAX Heat & Sound Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and rear seat area temperatures as well as blocking heat in the cupholders. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2014-2021 Can-Am Commander Max
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### CAN-AM COMMANDER MAX

Part #	Description
901061	Can-Am Commander MAX



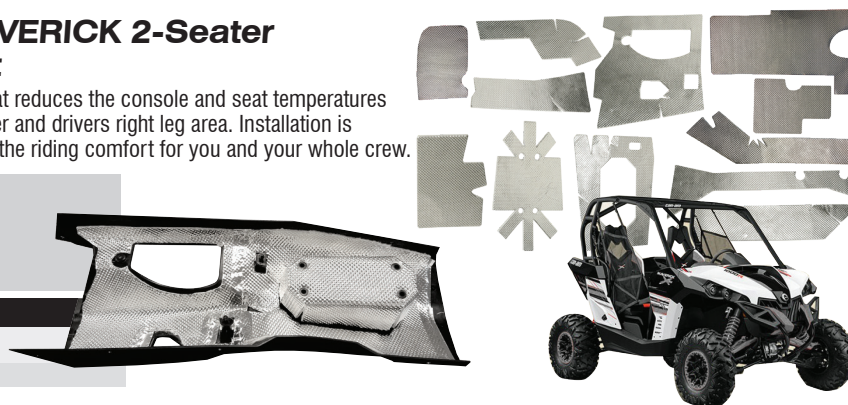
## 2014-2018 Can-Am® MAVERICK 2-Seater Heat & Sound Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2014-2018 Maverick Sport 2 seater
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### CAN-AM MAVERICK HEAT SHIELD KIT

Part #	Description
10885	Maverick Heat Shield Kit



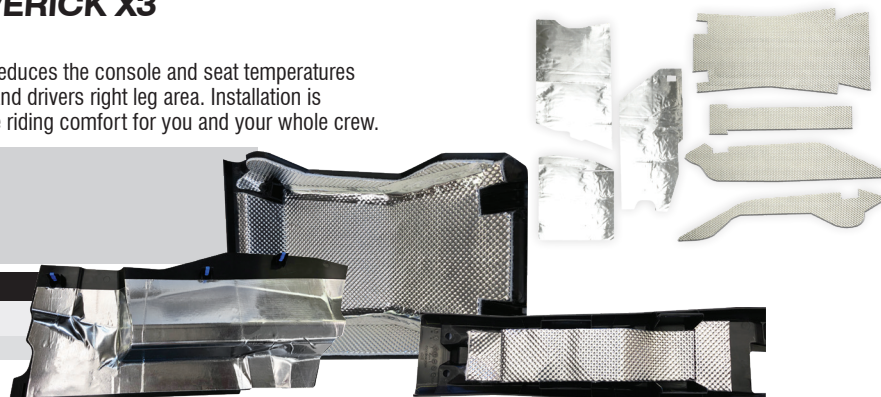
## 2017-2021 Can-Am® MAVERICK X3 Heat & Sound Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2017-2021 Maverick X3 2 seater
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### CAN-AM MAVERICK X3 HEAT SHIELD KIT

Part #	Description
902404	Maverick Heat Shield Kit





# ATV/UTV/SXS HEAT CONTROL KITS

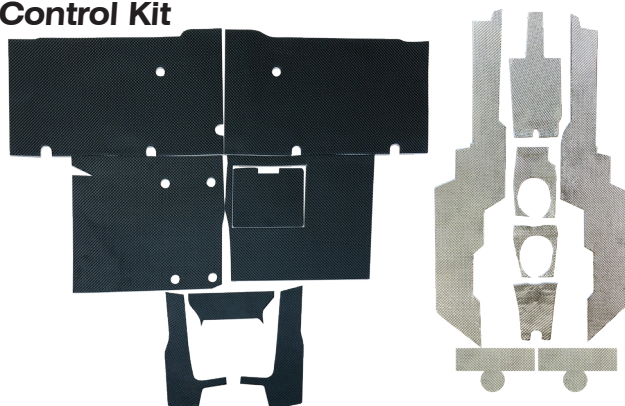
## 2019-2021 Polaris® RZR™ XP 1000 Heat Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2019-2021 Polaris RZR XP 1000 & RZR XP Turbo
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### POLARIS RZR XP 1000, RZR XP TURBO, & RZR TURBO S

Part #	Description
902401	Behind Seat Heat Shield Kit (Black)
902402	Console heat shield kit (Silver)
902403	Combo Console Kit & Behind Seat Kit



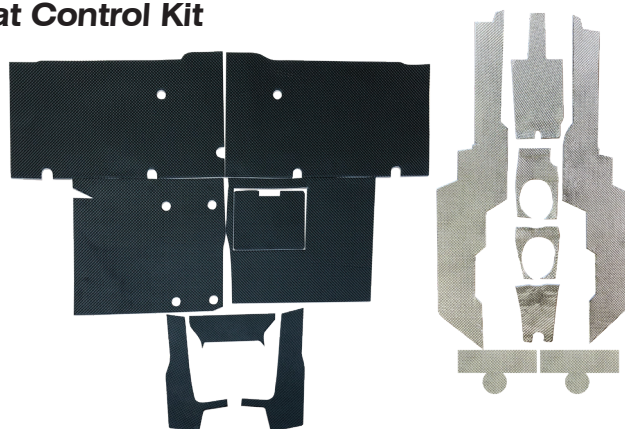
## 2019-2021 Polaris® RZR™ XP 4 1000 Heat Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2019-2021 Polaris RZR XP 4 1000 & RZR XP 4 Turbo
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### POLARIS RZR XP 4 1000, RZR XP 4 TURBO, RZR TURBO 4 S (DOES NOT FIT PRO)

Part #	Description
902401	Behind Seat Heat Shield Kit (Black)
902406	Console heat shield kit (Silver)
902407	Combo Console Kit & Behind Seat Kit

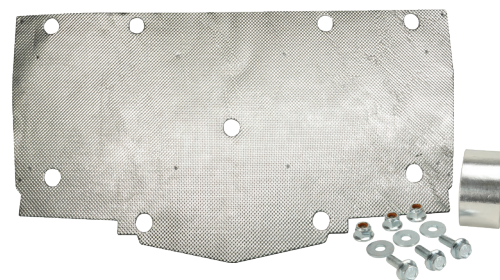


## 2008-2014 Polaris® RZR 800 Cargo Heat Shield

- RZR 800, 800s 2008 - 2014
- High performance
- Precision cut for easy fit

### POLARIS RZR HEAT SHIELDS

Part #	Description
10879	Cargo Heat Shield
10880	Engine Heat Shield



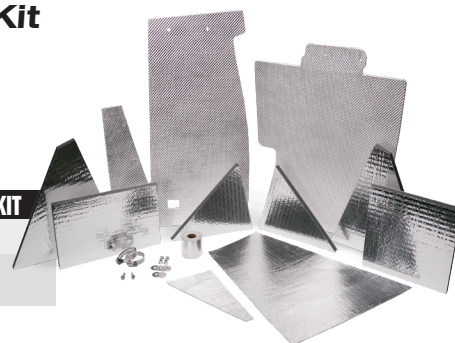
## 2015-2019 Polaris® Slingshot™ Heat Control Kit

The Slingshots 4 cylinder engine, 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. This 11 piece heat control kit blocks the heat transfer into the cockpit, resulting in a cooler and quieter Slingshot.

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

### POLARIS SLINGSHOT HEAT SHIELD KIT

Part #	Description
10089	2015-2019 Slingshot Heat Control Kit





# ATV/UTV/SXS HEAT CONTROL KITS

## Arctic Cat Wildcat XX Heat Control Kit

DEI Powersports now offers a heat shield kit that reduces the heat that enters the cabin from around the lower steering column keeping the driver cool and comfortable. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew. 2018 - 2020 models.

- Fits 2018-2020 Arctic Cat Wildcat XX
- Reduce heat intrusion from around steering column
- Block dirt and mud from getting into driver area
- Increases driver comfort

### ARCTIC CAT WILDCAT XX

Part #	Description
902405	Arctic Cat Wildcat Heat Shield Kit



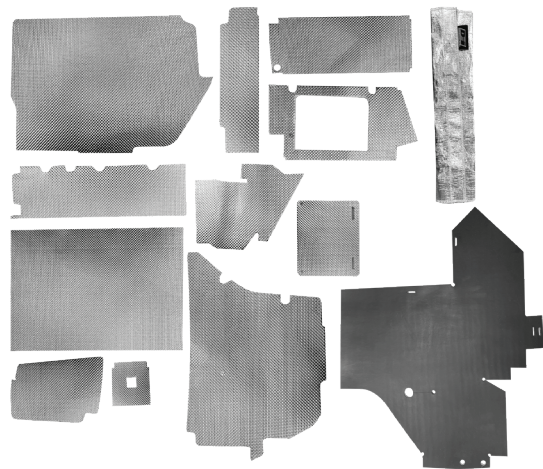
## 2014-2021 Kawasaki® Teryx™ 2-Seat Models Heat Control Kit

DEI Powersports now offers a heat shield kit that reduces the console and seat temperatures as well as blocking radiant heat in the cup holder and drivers right leg area. Installation is straight forward and these shields will increase the riding comfort for you and your whole crew.

- Fits 2014-2021 Kawasaki Teryx 2-seat models
- Reduces engine noise & vibration
- Adhesive backed & precision cut
- No modifications are needed for installation

### KAWASAKI TERYX 2-SEAT HEAT CONTROL KIT

Part #	Description
901057	Kawasaki Teryx Heat Control Kit



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STAYS COOL IN THE DESSERT AND  
ON THE ROCKS WITH DESIGN ENGINEERING, INC.





## Motorcycle Leg Shield

Exhaust burns and heat are the worst! Riding your motorcycle can get uncomfortable and dangerous because of how close your leg can get to searing exhaust pipes. DEI has developed a simple solution to protect your leg against burns and make riding more comfortable. This insulated leg protector is easy to slip on and off so when you are done riding, you pull it off and you're ready to go. Fully adjustable and large enough to fit over leathers and riding gear.

- Prevents leg burns
- Tough outer shell & insulated inner layer
- Measures 8" x 10"
- Adjustable up to 18" circumference (Approx 6" inside diameter)



### MOTORCYCLE LEG SHIELD

Part #	Description
11016	Motorcycle Leg Shield



## Oil Rug

Protect floors, work areas, work benches - anywhere there's a potential of oil spills or leaks, and makes clean up easy. Contains and absorbs oil spills under vehicles, motorcycles, around machinery, under leaking equipment, work benches and other maintenance areas. They absorb hazardous and non-hazardous materials including oil, petroleum and glycols.

Absorbent felt face, a hydrophobic material and backed with a barrier layer to contain the fluids. Edges are sealed to contain contaminants and can absorb over 16 ounces of fluid per sq ft.

- Keeps oil contained
- Absorbs spills and drips
- 3 different sizes



**KEEPS  
FLOORS  
CLEAN &  
OIL FREE**

**SEALED  
EDGES  
CONTAIN  
SPILLS**

### OIL RUG

Part #	Description
10750	12" X 18" Oil Rug
10751	18" X 24" Oil Rug
10752	29" X 48" Oil Rug

## Fuel Tank Cover

- Race fuel manufacturers recommend keeping fuel cool
- Maintain stable fuel temperatures between sessions
- Made from a 2mm felt backed Mylar material and is capable of reflecting up to 90% of the sun's heat
- Fast on & off, perfect for the paddock
- Reflects heat from the sun
- Helps prevent vapor lock

### FUEL TANK COVER

Part #	Description
10465	Fuel Tank Cover



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Jordan Phillips





# MARKETING MATERIALS

## Vinyl Banners

Measures 48" x 24", these heavy mil vinyl banners have double-stitched edges and brass eyelets in each corner.



### VINYL BANNERS

Part #	Description
60501	4 Color DEI Banner
60504	Boom Mat Banner

## Decals

### DECALS

Part #	Description
60529	DEI Decal 3.4" x 10"
60522	CryO2 Decal 9" x 3"
60526	Boom Mat Decal 7" x 3"
60527	DEI Decal 5.5" x 1.5"



### DEI HAT

Part #	Size	Fits
70300	CRYO2 Black Hat	One size fits all
70303	DEI Black Hat	One size fits all

## Retail Product Display Boards

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 BOARD

Part #	Description
60600	Exhaust & Accessories
60601	Heat & Sound Barrier
60602	Line & Hose Protection
60603	Boom Mat Thermal Acoustic
60604	Jeep Headliner
60611	GOLD Materials
60614	Display Board Kit (All 6 boards)

### POWERSPORT PRODUCT DISPLAY BOARD

Part #	Description
60615	V-Twin Accessories
60616	Metric Accessories

## Sunglasses

### FLAME SUNGLASSES

Part #	Description
70202	Black w/Red Flames



## T-Shirts

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

### T-SHIRTS

DEI COOL	BOOM MAT	Size
70170	70131	Medium
70171	70132	Large
70172	70133	X-Large
70173	70134	XX-Large
70174	70135	3X-Large
10175		4X-Large







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