Heat & Sound Insulation Catalogue
PRODUCT APPLICATIONS

First things first, do your homework. Check your temperature ratings for your application. If you have access to an infrared temperature gun, use it. Shoot the areas you need to insulate and measure the temperatures. By doing this you will get the solution to your problem. For example, you would not buy a pair of cylinder heads or an intake manifold without finding the correct application and combination to fit your specific needs. Don’t make the same mistake when it comes to thermal insulation. At Heatshield Products, we do not want you to waste your money buying the wrong product. We will do everything in our power to ensure you get the right product, at the right price, with the best possible service.

AUTOMOTIVE / RACING

Whether is street, strip, or track, Heatshield Products has you covered. Protect your valuable engine components with our full range of insulation and heat barriers. Don’t get burned by the competition... Run Cool, Stay Cool.

MOTORCYCLES / MX

When you’re about to hit a 20 foot ramp at 50mph, the last thing you want to worry about is your ride. We’ve got products that will keep your bike in peak performance and add stylish protection whether you’re on a Ducati or Davidson.

MARINE

From outboards to twin turbo diesel propellers to jet boats, Heatshield Products will keep your watercraft engine cool in cramped compartments. Check out our header and exhaust insulation wraps for marine applications.

HEAVY DUTY

Big engines and heavy loads demand the best in heat protection and performance. Heatshield Products uses the latest technology in designing it’s heat barriers and reflections allowing you to haul, hoist and weld under the most extreme conditions. Includes industrial, power-gen and military applications.
Soundshield by Heatshield is our premium noise self-adhesive sound deadener solution for automotive, marine, military application and construction. Presently used by Kenworth, Western Star, Mack trucks, the Australian Defence force, public transport buses and trains along with many more! Unlike similar products Soundshield is not bitumen or butyl based, which can have offensive odours, be extremely difficult to remove and loses performance as it hardens over time in the harsh Australian environment. Soundshield requires no heat gun to install and is easily removable if repairs or modification are required.

- Deadens noise
- Stops vibrations
- Self-adhesive backing and odour free
- Flexible with no heat gun required for installation
- Improves in-car audio acoustics
- Military Grade

**3 STEP QUICK INSTALLATION GUIDE**

**Step 1**
Prepare application area by removing any grease, rust, flaking and allow to dry. Peel backing paper off Soundshield

**Step 2**
Apply Soundshield into desired position and press firmly for the adhesive to begin bonding

**Step 3**
To shape areas to contours use a small roller and work gradually till desired effect

**APPLICATIONS:**
- Deadens noise
- Stops vibrations
- Self-adhesive backing and odour free
- Flexible with no heat gun required for installation
- Improves in-car audio acoustics
- Military Grade

**COVERAGE**
3.5 Square Meters

**No Heat Gun Required**

**SS3500**
3.5m² Square meters with self-adhesive backing

**DEADENS NOISE**

**SELF-ADHESIVE BACKING**

**FOR EASY APPLICATION**

**NO HEAT GUN REQUIRED FOR INSTALLATION**

**MADE IN AUSTRALIA**
**HEAT & SOUND SHIELD**

Our Premium Heat and Sound Shield is a lightweight and fireproof Closed Cell Sponge, that is laminated on one side with a Lightweight Aluminium Fabric to reflect heat. This fabric is rated to 550˚C within 100mm with adequate airflow. The closed cell sponge absorbs sound and reduces noise. Supplied with a self-adhesive pressure sensitive side, it is easy to Peel and Stick on a clean and smooth surface. Our adhesive is rated to 120˚C. 9mm in thickness and flexible, it is easy to cut to shape and install.

- Aluminium Laminated One Side-Rated to 550˚C
- Lightweight and Fireproof
- Self Adhesive Pressure Sensitive One Side- Rated to 120˚C
- Easy to cut with scissors

**APPLICATIONS:**

- Our Premium Heat and Sound Shield is ideal to reduce heat when mounted inside the vehicle. Our simple design allows you to fit Stealth Matt between the floor pan or over sound deadener products and the interior carpet, to protect you from heat radiating from the engine and exhaust. It can be used on the roof above the headliner using a good quality high temperature adhesive spray. At only 3mm thick this product is easy to cut and install without any fitment problems. Rated to 800˚C.

**RATED TO:**

- 550˚C
- 800˚C

**NEW**

**UNDER BONNET SOUND SHIELD**

Our Universal Under Bonnet Sound Shield is the ideal product for those wanting to replace worn out factory Under Bonnet Shield. Easy peel and stick foam reduces passenger compartment engine and road noise levels. It resists absorption of oils, petrol, etc. Our unique Fire-Retardant Matt Black Finish comes pre-glued with strong adhesive. Easy to cut to shape with scissors, and ideal for many uses, not only under the bonnet. Press firmly onto a well cleaned, not oily surface, and trim off to required size.

- Reduces passenger compartment engine and road noises
- Resists absorption of oil, petrol etc.
- Fire Retardant Matt Black Finish
- Easy to cut with scissors

**APPLICATIONS:**

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**RATED TO:**

- 800˚C

**NEW**

**STEALTH MATT-INTERIOR HEAT INSULATION**

This product is ideal to reduce heat when mounted inside the vehicle. Our simple design allows you to fit Stealth Matt between the floor pan or over sound deadener products and the interior carpet, to protect you from heat radiating from the engine and exhaust. It can be used on the roof above the headliner using a good quality high temperature adhesive spray. At only 3mm thick this product is easy to cut and install without any fitment problems. Rated up to 800˚C.

- Ultra Thin, and easy to cut with scissors
- Rated to 800˚C
- 3mm thick, is ideal for under carpets

**APPLICATIONS:**

- This product is ideal to reduce heat when mounted inside the vehicle. Our simple design allows you to fit Stealth Matt between the floor pan or over sound deadener products and the interior carpet, to protect you from heat radiating from the engine and exhaust. It can be used on the roof above the headliner using a good quality high temperature adhesive spray. At only 3mm thick this product is easy to cut and install without any fitment problems. Rated up to 800˚C.

**RATED TO:**

- 800˚C

**NEW**
**UNDER FLOOR SOUNDPROOF/WATERPROOF COMBINATION UNDERLAY**

**APPLICATIONS:**
- Butyl Inter-Layer is a high-density noise barrier
- Bottom Layer is noise absorbing and waterproof
- No “Wet Car” smell
- Easy to clean

Butyl Inter-Layer is a high-density noise barrier. The Bottom Layer is noise absorbing and waterproof. No “Wet Car” smell. Easy to clean.

**APPLICATIONS:**
- Butyl Inter-Layer is a high-density noise barrier
- Bottom Layer is noise absorbing and waterproof
- No “Wet Car” smell
- Easy to clean

**Boom Shield**

Boom Shield is a highly flexible sound and moisture barrier designed for those applications where a budget conscious, simple noise control solution is needed. At 6mm thick it conforms to the shape you need, or for more intricate areas, can be moulded with a heat gun. Easy peel and stick installs to any clean and smooth surface. It can be cut to shape with scissors and using a heat gun it can be moulded easily, and bonds itself where seaming is necessary. It’s waterproof properties, along with its thin profile, make it perfect for a sound and moisture barrier behind door panels. At 6mm thick, it is very flexible for most applications such as firewall, hood etc.

- Great addition for sound reduction
- Easy Peel + Stick Design
- Flexible + Moldable
- 6mm thick

**APPLICATIONS:**
- Butyl Inter-Layer is a high-density noise barrier
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- Great addition for sound reduction
- Easy Peel + Stick Design
- Flexible + Moldable
- 6mm thick
### Reflect-A-Shield™

Reflect-A-Shield™ is the highest quality heat shield on the market. There is no better way to divert radiant heat away. We use a 6mm thick ceramic inner pad sandwiched between heavy duty foil and bound together with a stainless steel mesh at the edges. By sewing the edges as opposed to simply folding them, we create greater flexibility and a more rugged product. As with any Aluminium insulation product, it is not designed for direct contact with exhaust systems. The shield withstands 535°C continuous radiant heat and 280°C of direct contact. It is intended for wrapping around electrical boxes, air conditioning components, or used as a catalytic converter and muffler shield. The inner pad may be cut and re-wrapped for custom sizes. All shields may be fastened with Thermal-Tie™, safety wire, screws, or rivets.

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
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<tbody>
<tr>
<td>100507</td>
<td>125mm x 175mm</td>
</tr>
<tr>
<td>100614</td>
<td>150mm x 355mm</td>
</tr>
<tr>
<td>101420</td>
<td>355mm x 500mm</td>
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</tbody>
</table>

#### Best heat reflector for floorboards, electrical boxes, etc.
#### Withstands 535°C continuous heat
#### Excellent flexibility

### Inferno Shield™

More than just another heat shield, Inferno Shield™ is custom configurable to handle your thermal requirements. Inferno Shield™ can be bent, folded and twisted to form a custom shape. Made of Stainless steel with inner ceramic pad that can be trimmed, then folded over the outer alloy layer. Able to withstand 980°C continuous and may be fastened with Thermal-Tie™, safety wire, screws, or rivets.

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<thead>
<tr>
<th>Model</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>120614</td>
<td>150mm x 355mm</td>
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</tbody>
</table>

#### Withstands 1800°C continuous heat
#### Capable of reflecting over 90% of radiant heat
#### Flexible, bends and will hold its shape
#### Simple installation, apply in minutes!
#### Perfect radiant heat shield for mufflers, catalytic converters, DPF

### Aluminium Heat Shield

The unique double corrugation design allows the material to be formed into complex shapes and ensures exceptional rigidity. This material provides excellent performance in high temperature and noise sensitive application. Constructed with two Aluminised steel sheets with a synthetic fibre insert, double formed.

<table>
<thead>
<tr>
<th>Model</th>
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<tr>
<td>730116</td>
<td>300mm x 500mm x 3.5mm</td>
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<td>730112</td>
<td>275mm x 700mm x 3.5mm</td>
</tr>
<tr>
<td>730113</td>
<td>500mm x 700mm x 3.5mm</td>
</tr>
</tbody>
</table>

#### Withstands 900°C intermittent reflective heat
#### Double layer Aluminium foil coated sheets
#### OEM(Original Equipment Manufacturer) Ford
#### Can be screwed or riveted to any surface
#### Easily moulded into permanent position

### Applications:

- All pads withstand 535°C continuous
- Stainless steel cover withstands 980°C
- Aluminium heat shield withstands 900°C intermittent reflective heat
- Made for extreme heat situations
- Can be screwed or riveted to any surface
- Double layer Aluminium foil coated sheets

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Please note: The images and product descriptions are not reproduced accurately in the text format. For more detailed information, refer to the original document.
The ultimate way to stop heat from radiating into the driver’s compartment. Made from a 3mm thick ceramic insulation layer, shielded by a rugged layer of 0.10mm thick Aluminium. HP Sticky Shield™ may be cleaned after installation & is resistant to the elements. A perfect radiant heat shield for mufflers, catalytic converters, DPF’s, turbos, downpipes, & exhaust system heat. HP Sticky Shield™ can be used with less than 25mm of airspace, however when used with more airspace it is capable of shielding up to 90% of the generated heat. To seal any seams and protect the edges use Heatshield Armor Weld Tape™ when joining two or more HP Sticky Shields™.

- Withstands 980°C continuous heat
- Withstands 1200°C intermittent reflective heat
- Reduces radiant heat by 60%
- 0.08mm thick armor layers, can be cleaned after installation
- Simple installation, install in minutes!
- The HS insulation for the down pipe, DPF, high performance application

Applications:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>170001</td>
<td>HP Sticky Shield 3mm Thick, 6mm x 155mm x 1.5mt</td>
<td></td>
</tr>
<tr>
<td>170002</td>
<td>HP Sticky Shield 3mm Thick, 6mm x 155mm x 3mt</td>
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<tr>
<td>170102</td>
<td>HP Sticky Shield 3mm Thick, 6mm x 300mm x 600mm</td>
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<tr>
<td>170103</td>
<td>HP Sticky Shield 3mm Thick, 6mm x 300mm x 900mm</td>
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<td>170104</td>
<td>HP Sticky Shield 3mm Thick, 6mm x 300mm x 1.2mt</td>
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<td>HP Sticky Shield 3mm Thick, 6mm x 300mm x 1.5mt</td>
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<td>HP Sticky Shield 3mm Thick, 12mm x 300mm x 1500mm</td>
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<tr>
<td>175202</td>
<td>HP Sticky Shield 3mm Thick, 12mm x 600mm x 600mm</td>
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</tbody>
</table>

Withstands 590°C continuous reflective heat
Withstands 1090°C intermittent reflective heat
Capable of reflecting over 90% of radiant heat
Flexible, bends and conforms to almost any shape
Heavy duty adhesive backing sticks to almost any clean surface
Can be cleaned after installed

Applications:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>180020</td>
<td>HP Sticky Shield 3mm Thick, 305mm x 810mm with Adhesive</td>
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</tr>
<tr>
<td>180021</td>
<td>HP Sticky Shield 3mm Thick, 610mm x 810mm with Adhesive</td>
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<tr>
<td>180025</td>
<td>HP Sticky Shield 3mm Thick, 900mm x 1.2mt with adhesive</td>
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</table>

Heatshield Armor Weld Tape™ is used to seam edges of Heatshield Armor™ to complete installation. It can also be used to protect the ends of exposed Heatshield Armor™ insulation from the elements and extend the product’s life. Heatshield Armor Weld Tape™ is a great radiant heat shield for components. The heavy duty peel and stick adhesive will stick to any clean surface.

- Withstands 590°C continuous reflective heat
- Withstands 1090°C intermittent reflective heat
- Reflected heat away
- Seal and repair Heatshield Armor and HP Sticky Shield
- 0.08mm thick

Applications:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>179001</td>
<td>Heatshield Armor Weld Tape 25mm x 990mm</td>
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<td>179002</td>
<td>Heatshield Armor Weld Tape 51mm x 990mm</td>
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</table>
**THERMAL SLEEVING**

RATED TO: **590°C**

APPLICATIONS:
- Economical solution for protecting vital engine components
- Protects wires and lines from heat damage

ECONOMICAL SOLUTION FOR PROTECTING VITAL ENGINE COMPONENTS

An excellent way to protect wires, fuel lines, brake lines, battery cables, EGR tubes, and more. The special weave of the sleeving allows it to expand over plugs and fittings when installing and reduces radiant heat transfer along with dissipating heat. Capable of withstanding 590°C continuous heat, this sleeving is ideal for protecting components that are very close to the exhaust system or high levels of heat. Simply fasten using Thermal-Tie™, Cool Foil Tape™, or hose clamp.

**APPLICATIONS:**
- Protects wires, fuel lines, brake lines, battery cables, EGR tubes, and more.
- Reduces radiant heat transfer and dissipates heat.
- Ideal for components close to the exhaust system or high levels of heat.

**RATED TO:**
- 590°C continuous heat

**AVAILABLE SIZES:**
- 201038 10mm ID x 1.80m Roll
- 201012 13mm ID x 1.80m Roll
- 201072 25mm ID x 1.80m Roll
- 200806 8pcs x 150mm Long

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**COLOURED SLEEVING**

RATED TO: **650°C**

APPLICATIONS:
- Withstands 650°C continuous heat
- Adjustable diameter
- All rolls 7.6m long
- Enhanced style/protection for street rods & custom cars

WITHSTANDS 650°C CONTINUOUS HEAT

Add cool protection to your hot rod or custom car. Our coloured sleeving are an excellent way to protect wires, fuel lines, brake lines and more while enhancing your vehicle’s appearance. This special sleeve weaving allows it to expand over fittings during installation and return to its original size upon completion. Coloured Sleeving is able to withstand continuous temperatures up to 650°C. Rolls are 7.6m in length & have an adjustable inside diameter from 6mm to 11mm. To fasten simply use Thermal-Tie™ or hose clamp.

**APPLICATIONS:**
- Protects wires and lines from heat damage.
- Special weave expands over fittings and terminals.
- Adjustable inside diameter from 6mm to 11mm.
- Enhanced style and protection for street rods and custom cars.

**RATED TO:**
- 650°C continuous heat

**AVAILABLE SIZES:**
- 203121 Red 7.6m expands from 6mm to 11mm
- 203122 Blue 7.6m expands from 6mm to 11mm
- 203124 Black 7.6m expands from 6mm to 11mm

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**THERMAL HOSE SLEEVING**

RATED TO: **650°C**

APPLICATIONS:
- Withstands 650°C continuous heat
- Special coating reflects and dissipates heat away from hoses
- Available in bulk quantities

WITHSTANDS 650°C CONTINUOUS HEAT

Protect rubber hoses from radiant heat damage, increasing their life. Used to insulate air intake tubes from radiant heat lowering your intake temperatures and increasing horsepower. Special coating allows this sleeving to reflect and dissipate heat. The special braid of sleeving allows it to have an expandable inside diameter from 44mm to 60mm ID. Thermal Hose Sleeving is capable of withstanding 650°C continuous. It may be fastened using Thermal-Tie™ or hose clamp.

**APPLICATIONS:**
- Protects rubber hoses from radiant heat damage.
- Special coating reflects and dissipates heat away from hoses.
- Available in bulk quantities.

**RATED TO:**
- 650°C continuous heat

**AVAILABLE SIZES:**
- 240003 44mm to 60mm ID x 90cm Roll
**HIGH TEMPERATURE INSULATION SLEEVING**

Heat Protection of hoses, wires, fuel/brake lines etc is quickly solved, with our Gloss Black High Temperature Insulation Sleeving. This sleeving comprises a silicone outer with Glass Yarn Filament Inner. It is highly flexible, self extinguishing and the outer silicone protects wires etc not only from heat, but water and oil. This sleeving will function as low as -60˚C and up to 250˚C. Available in 6mm, 12mm, 16mm and 20mm ID.

- Highly Flexible
- Silicone outer with Glass Yarn Filament Inner
- Ideal for wiring, hoses, brake/fuel lines and more
- Rated -60˚C to 250˚C

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<tr>
<td>330020</td>
<td>20mm Id x 10mt</td>
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</table>

**APPLICATIONS:**

- Protect and increase the life of your expensive plug wire sets with Insul-Boots™. Preventing misfires caused by burnouts, loss in performance and critical engine damage. Double wall construction provides superior protection, while special coatings reflect and dissipate heat to boots. Available in two colors: black and fawn and its universal design fits most boots, even 90°! Able to withstand 650°C continuous heat. Easy installation: Place ring side on end of the spark plug boot and slide the open end towards the wire.

- Reflect-A-Sleeve™ acts as a thermal barrier capable of reflecting away 90% of radiant heat from your wiring, lines & cables. It’s super low weight but offers superior heat protection. Available in a solid or hook and loop seam. Able to withstands 535˚C continuous radiant heat & 270˚C direct heat. Polyester Aluminized film is bonded with fibre glass cloth. Total thickness 0.4mm.

**APPLICATIONS:**

- Reflect-A-Sleeve™

**INSUL-BOOT**

Protect and increase the life of your expensive plug wire sets with Insul-Boots™. Preventing misfires caused by burnouts, loss in performance and critical engine damage. Double wall construction provides superior protection, while special coatings reflect and dissipate heat to boots. Available in two colors: black and fawn and its universal design fits most boots, even 90°! Able to withstand 650˚C continuous heat. Easy installation: Place ring side on end of the spark plug boot and slide the open end towards the wire.

- Withstands 650˚C continuous heat
- Reflects & dissipates heat
- Available in 2 colors: Black & Fawn
- 25mm inside diameter
- Universal size fits most boots including 90°

**APPLICATIONS:**

- Reflects and dissipates heat
- Universal size fits most boots

**AVAILABLE IN 2 COLORS**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
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<td>Fawn-Single Bulk</td>
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<td>380001</td>
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<td>380041</td>
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<tr>
<td>380801</td>
<td>Black-Pack 8</td>
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</table>
### Reflect-A-Boot

Reflect-A-Boot™ acts as a thermal barrier capable of reflecting away 90% of radiant heat from your spark plug boots. It’s super low weight offers superior heat protection. Able to withstand 535°C continuous radiant heat & 270°C direct heat. Polyester Aluminized film is bonded with fiberglass cloth.

**DUE TO THE NATURE OF THIS PRODUCT, THEY CAN ONLY BE USED ONCE.**

- Withstands 535°C continuous heat
- Hook & loop closure

<table>
<thead>
<tr>
<th>Sewn Version</th>
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<tbody>
<tr>
<td>740120</td>
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<td>740110</td>
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### Heat Shield Matt

Keep your cool in the heat with our HP Heatshield Matt. When used in applications when there is 25mm of airspace and air flow, this heat shield cloth is capable of reflecting up to 90% of radiant heat. Face the Aluminized side toward the source of radiant heat to shield heat away. This product withstands 980°C of radiant heat (requires minimum of 25mm of airspace) and up to 590°C of direct heat. Ideal for underneath floor pan heat shielding from DPF, muffler, catalytic converter, exhaust system and your firewall to shield motor heat. It can also be used as a cold air intake heat shield, stick this onto your metal or plastic air box to stop heat from heating up your intake. The HP Heatshield Matt is available with a high temperature peel and stick adhesive. Bulk heat shield cloth rolls available.

- Woven Fabric E-Glass withstands up to 550°C of direct heat
- Aluminium laminated on one side rated to 180°C
- High Temperature peel and stick adhesive
- Thickness 0.8mm
- Stops heat from entering the vehicle
- Lightweight-610 grams per square metre
- Adhesive Backed
- Aluminized fiberglass with adhesive backing
- When used in applications where there is 25mm of air space and air flow, this matt is capable of reflecting 90% of radiant heat

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<tbody>
<tr>
<td>721101</td>
<td>315mm x 330mm with Adhesive backing</td>
</tr>
<tr>
<td>721102</td>
<td>315mm x 500mm with Adhesive backing</td>
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<td>721103A</td>
<td>315mm x 1000mm with Adhesive backing</td>
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<td>721202</td>
<td>620mm x 650mm with Adhesive backing</td>
</tr>
<tr>
<td>721203A</td>
<td>620mm x 1000mm with Adhesive backing</td>
</tr>
<tr>
<td>721301A</td>
<td>1000mm x 1000mm with Adhesive backing</td>
</tr>
<tr>
<td>721302A</td>
<td>1000mm x 1330mm with Adhesive backing</td>
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<tr>
<td>721305</td>
<td>1000mm x 1650mm with Adhesive backing</td>
</tr>
<tr>
<td>721306A</td>
<td>1000mm x 2000mm with Adhesive backing</td>
</tr>
<tr>
<td>721505</td>
<td>1470mm x 1520mm with Adhesive backing</td>
</tr>
</tbody>
</table>
Excellent for quick “on the go” fix to heat problems and a must have in your race track tool box! Tape that reflects radiant heat away from wires, lines, cables, and more! An excellent way to insulate components without disassembly, or to hold other thermal insulation in place. Durable cloth construction makes it long lasting and more rugged than similar products. Reflect-A-Tape™ ranges from -55°C to 150°C with higher temperatures for shorter periods. Installation is simple with our self adhesive high temperature backing and easy to cut material.

- Reflect-A-Tape™
  - 340110 25mm wide x 3m long
  - 340310 25mm wide x 0.8mm Thick x 4.5m Length
  - 340210 50mm wide x 3m long
  - 340410 50mm wide x 0.8mm Thick x 4.5m Length

Insulate components without disassembly
Installs easily with self-adhesive backing
Aluminized Tape for maximum heat protection

Reflect-A-Cloth™ rolls are ideal for many applications due to its extreme flexible nature. Once applied you can protect the passenger compartment flooring from exhaust heat as felt through the floorboards and shield paint from blistering on body panels. Being only 0.8mm thin, it will not interfere with any carpet installation. Reflect-A-Cloth™ works best underneath the vehicle being placed aluminised side towards the radiant heat source to shield the desired area. Able to withstands 590°C of radiant heat and up to 260°C of direct heat. Reflect-A-Tape™ installation is simple with self adhesive high temperature backing and easy to cut material.

- Reflect-A-Cloth™
  - Standard Grade
    - 742820E Std Grade 0.4mm - 500mm x 300mm
    - 742840E Std Grade 0.4mm - 1000mm x 300mm
    - 742843E Std Grade 0.4mm - 1000mm x 910mm
    - 742846E Std Grade 0.4mm - 1000mm x 1825mm
  - Premium Grade
    - 742820P Premium Grade 0.6mm - 500mm x 300mm
    - 742840P Premium Grade 0.6mm - 1000mm x 300mm
    - 742843P Premium Grade 0.6mm - 1000mm x 910mm
    - 742846P Premium Grade 0.6mm - 1000mm x 1825mm

Reflect-A-Cloth™ resists 200°C of radiant heat and up to 150°C of direct heat. For the ultimate in high temperature protection our Premium Grade resists up to 650°C of radiant heat & 270°C of direct heat.

Extreme flexibility makes our Reflect-A-Cloth™ Rolls ideal for many applications. Reflect-A-Cloth™ is thin enough not to interfere with carpet installation. Reflect-A-Cloth™ works best placed underneath the vehicle or on the firewall inside the engine compartment, stopping heat at its source. Place the aluminised side towards the source of radiant heat to shield heat away. The standard Reflect-A-Cloth™ resists 200°C of radiant heat and up to 150°C of direct heat. For the ultimate in high temperature protection our Premium Grade resists up to 650°C of radiant heat & 270°C of direct heat.

- Standard grade withstands 149°C of direct heat
- Premium grade withstands 269°C of direct heat
- Reflects heat away from floorboards and firewalls
- Cuts easily for custom fitting

- Standard Grade
  - 742820E Std Grade 0.4mm - 500mm x 300mm
  - 742840E Std Grade 0.4mm - 1000mm x 300mm
  - 742843E Std Grade 0.4mm - 1000mm x 910mm
  - 742846E Std Grade 0.4mm - 1000mm x 1825mm
- Premium Grade
  - 742820P Premium Grade 0.6mm - 500mm x 300mm
  - 742840P Premium Grade 0.6mm - 1000mm x 300mm
  - 742843P Premium Grade 0.6mm - 1000mm x 910mm
  - 742846P Premium Grade 0.6mm - 1000mm x 1825mm
**Lava Matt**

This outperforms that gold foil vinyl sticker stuff by reflecting 60% more radiant heat. Made from crushed volcanic rock, our Lava Shield Matt has all the same benefits as our HP Heatshield Matt with that trick carbon fibre look! This radiant heat shield can be used to protect your fuel tank, preventing fuel from boiling, and reducing vapor lock. You can also use this as a heat shield on your air box, lowering the air intake temp, improving the efficiency of your motor and create more horsepower. Lava Shield Matt can also be used as a fairing heat shield, helping to prevent them from melting and ruining paint. Face the carbon fibre look side toward the source of radiant heat to shield heat away from fairing. Lava Shield Matt is asbestos free, and will not delaminate like some aluminized fiberglass cloths after getting wet.

- Withstands 650°C continuous heat
- Capable of reducing up to 80% of radiant heat
- Adhesive sticks most clean surfaces
- Helps shield gas tanks, farings, air boxes and more

**Applications:**
- 770001 Lava Matt 305mm x 610mm with Adhesive
- 770002 Lava Matt 610mm x 610mm with Adhesive

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**Starter Shield**

Don’t let the heat stop you from starting, extend the life of your starter’s and improve performance. Prevent starter failure caused by overheating with Starter Shield quality construction and design. With two different sizes available, and the ease of no trimming needed, the heavy-duty range cover is double-insulated to offer superior reduction in radiant heat transfer. Our standard range use Aluminized cloth construction to reflect radiant heat away. Part number 501010 is designed specifically for small high torque starters. Easy installation: Simply wrap the cover around the starter and fasten with the hook and loop fasteners. Starter removal is not necessary in most cases.

- No trimming necessary
- Hook & loop fasteners make for easy installation
- Double insulated or Aluminium faced finish available

**Applications:**
- 501000 Aluminized Finish Thin wall for tight fit 185mm x 550mm
- 501010 Aluminized Finish Thin wall for tight fit 90mm x 455mm
- 501200 Aluminized Cloth 305mm x 505mm with 2 of 355mm Cable Ties

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**Turbo Heat Shield**

Increases horsepower and reduces turbo lag while protecting other engine components by using our revolutionary new Stealth Felt Matt™. Unlike other kits that use old technology, we use next generation materials, which provide greater heat protection and performance. Our universal turbo kit is on the cutting edge of technology and performance. Capable of withstanding 980°C continuous heat and is designed for hard-core racing applications. Using a simple 2-piece design with comprehensive instructions, installation is simple even for the novice installer.

- No trimming necessary
- Hook & loop fasteners make for easy installation
- Aluminium faced finish

**Applications:**
- 300001 Turbo Only
- 300000 Turbo & Dump Pipe

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

- Best $ to RWHP value in the industry
- Easy installation
- Application specific and universal kits
- Made in the USA

### Applications:
- 140007 Ford 5.0 Coyote 2011-14
- 140008 Ford Boss 5.0 Coyote 2011-2014
- 140020 GM LS1; LS2; LS6 1997-2007
- 140021 GM LS3 Stock Manifold
- 140022 GM LS7 Stock Manifold
- 140023 LSX FAST manifold

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### THERMAL LOCKING TIES

Simply the best way to fasten any type of insulation, wire loom, lines, etc. Use in any application where a low profile high strength fastener is needed. Easy to use, no sharp edges, no bands or buckles required! Simply pull the tail end through the head and tighten, just like plastic wire ties. Two different lengths to suit your needs: 8” (200mm) long for diameters up to 2” (50mm); 14” (355mm) long for diameters up to 4” (100mm); 304 stainless steel construction, \( \frac{3}{16”} \) (5mm) width, and a thickness of 0.010” (0.3mm).

- 304 Stainless Steel Construction
- No sharp edges, no cutting or buckles needed

<table>
<thead>
<tr>
<th>Polished Stainless Steel</th>
<th>Black Stainless Steel</th>
</tr>
</thead>
</table>
| 108004 | 208004  
Polished Stainless Steel 200mm long Pack 4 | Black Stainless Steel 200mm long Pack 4 |
| 108008 | 208008  
Polished Stainless Steel 200mm long Pack 8 | Black Stainless Steel 200mm long Pack 8 |
| 108020 | 208020  
Polished Stainless Steel 200mm long Pack 20 | Black Stainless Steel 200mm long Pack 20 |
| 108050 | 208050  
Polished Stainless Steel 200mm long Pack 50 | Black Stainless Steel 200mm long Pack 50 |
| 108100 | 208100  
Polished Stainless Steel 200mm long Pack 100 | Black Stainless Steel 200mm long Pack 100 |
| 114004 | 214004  
Polished Stainless Steel 355mm long Pack 4 | Black Stainless Steel 355mm long Pack 4 |
| 114008 | 214008  
Polished Stainless Steel 355mm long Pack 8 | Black Stainless Steel 355mm long Pack 8 |
| 114020 | 214020  
Polished Stainless Steel 355mm long Pack 20 | Black Stainless Steel 355mm long Pack 20 |
| 114050 | 214050  
Polished Stainless Steel 355mm long Pack 50 | Black Stainless Steel 355mm long Pack 50 |
| 114100 | 214100  
Polished Stainless Steel 355mm long Pack 100 | Black Stainless Steel 355mm long Pack 100 |
Exhaust Wrap maintains hotter exhaust gases, decreases the gas density, pulling exhaust gas to exit the header and exhaust system faster to increase horsepower as well as fuel economy! Exhaust Wrap also reduces under the hood temperature by up to 50%, keeping your car engine bay noticeably cooler. Using Exhaust Wrap can also reduce heat damage to fairings and keep shocks cooler. To gain the full benefits from increased exhaust scavenging, begin wrapping Exhaust Wrap at the header pipe next to the cylinder head and progress downstream.

**Applications:**

- Increase Horsepower
- Reduces under hood temperature
- All rolls 1/16” thick

<table>
<thead>
<tr>
<th>Roll Code</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>301010E</td>
<td>25mm</td>
<td>3m</td>
</tr>
<tr>
<td>301025E</td>
<td>25mm</td>
<td>7.5m</td>
</tr>
<tr>
<td>301050E</td>
<td>25mm</td>
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<tr>
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<tr>
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<td>50mm</td>
<td>15m</td>
</tr>
<tr>
<td>302100E</td>
<td>50mm</td>
<td>30m</td>
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</tbody>
</table>

Basalt Wrap is a strong alternative to basic fiberglass wrap. Like our Lava Wrap it maintains the hotter exhaust gases, increased exhaust scavenging, decreases the gas density, exits exhaust gases faster from the header and exhaust system to increase horsepower and fuel economy. Using Basalt Wrap can reduce heat damage at the same time as creating a Hi-Tech look for your pipes. Basalt Wrap will withstand 650°C continuous heat.

**Applications:**

- Withstands 650°C continuous heat
- High Tech Finish
- Made from Basalt a dark fine-grained volcanic rock
- Stronger than basic Exhaust Wrap
- Made from crushed Volcanic rock

<table>
<thead>
<tr>
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<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>301010P</td>
<td>25mm wide</td>
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<td>301025P</td>
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<td>302100P</td>
<td>50mm wide</td>
<td>30m long</td>
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</tbody>
</table>

Premium Exhaust Wrap is for heavy duty use, maintains hotter exhaust gases, increased exhaust scavenging, decreases the gas density, exits exhaust gases faster from the header and exhaust system to increase horsepower and fuel economy. Featuring a tighter weave than industry standard header wraps, which allows for even greater heat retention, less fraying, and offering a long lifespan. Using Premium Exhaust Wrap can reduce heat damage to fairings, keep shocks cooler and also reduces under the hood temperature by up to 60%. Able to withstand 650°C continuous heat & 1090°C intermittent heat.

**Applications:**

- Withstands 650°C continuous heat
- Withstands 1090°C intermittent heat
- Premium grade has less fraying & more heat retention
Black Exhaust Wrap are for heavy duty use, maintains hotter exhaust gases, increased exhaust scavenging, decreases the gas density, exits exhaust gases faster from the header and exhaust system to increase horsepower and fuel economy. Using Black Exhaust Wrap can reduce heat damage to fairings, keep shocks cooler and also reduces under the hood temperature by up to 50%. Featuring a new proprietary black coating, that holds its colour longer than similar graphite coated wraps on the market.

- Black Graphene Coating
- Standard Grade Black

<table>
<thead>
<tr>
<th>Lava Wrap</th>
<th>RATED TO: 1090°C</th>
<th>APPLICATIONS:</th>
</tr>
</thead>
</table>

- Made from crushed volcanic rock, Lava Wrap have all the same benefits as our exhaust wrap with a carbon fibre appearance and improved durability! Lava Wrap are 25% stronger than fibreglass wraps and have long life span. Lava Wrap maintains hotter exhaust gases, increased exhaust scavenging, decreases the gas density, exits exhaust gases faster from the header and exhaust system to increase horsepower and fuel economy. Using Lava Wrap can reduce heat damage to fairings, keep shocks cooler and able to withstand 650°C continuous heat or 1090°C intermittent heat. Give your headers or exhaust system a custom look with our Lava Wrap.

- Withstands 650°C continuous heat
- Withstands 1090°C intermittent heat
- Carbon fibre finish appearance
- 25% Stronger than fibreglass
- Made from crushed Volcanic rock

<table>
<thead>
<tr>
<th>Inferno Wrap</th>
<th>RATED TO: 1650°C</th>
<th>APPLICATIONS:</th>
</tr>
</thead>
</table>

- When you want all the benefits from your exhaust wrap, but require a higher temperature for your header or turbo application look no further than our Inferno Wrap. Inferno Wrap is manufactured from texturized amorphous silica filament yarn, this makes it strong and flexible while able to withstand 1090°C continuous heat or 1650°C intermittent heat. You can actually wrap the header with this wrap, run it, heat it up, and literally unwrap the Inferno Wrap when needed. Simply put there is no other exhaust insulating wrap on the market that will take higher temperatures and last longer.

- Withstands 1090°C continuous heat
- Withstands 1650°C intermittent heat
- Header Wrap increases horsepower
- Excellent for turbo and racing application
- All rolls 2mm thick