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Please call us for assistance +44 (0) 1342 713743 or email us info@agriemach.com
With over 37 years experience, Agriemach Ltd offer an entire range of bespoke industrial Thermal and Acoustic insulation, Fire Protection Covers, Exhaust/Marine Insulation and Automotive Insulation materials.

We have been market leaders in heat and sound control products for a number of years and many leading equipment and vehicle manufacturers including the aerospace industry are amongst our valued customers.

Our industrial range of products are of the highest quality, as well as being the most technically advanced. We are proud to include as our clients, Ricardo, Caterpillar, NP Aerospace, Aston Martin, Force India and many more too numerous to mention.

Our team provide solutions for companies worldwide through the Oil, Gas, Petrochemical, Power Generating, Aerospace and Marine markets.

We have the experience and technical ability to offer a complete service through consultation, design and manufacture offering a completely bespoke and unique solution to meet the harshest environments.

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or email us info@agriemach.com
EXHAUST INSULATION

**EXHAUST WRAP**

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

Wrapping headers maintains better exhaust gases that exit the system faster through decreased density. Increased exhaust scavenging is produced, along with lower intake temperatures. Exhaust Insulating Wrap withstands continuous heat up to 2000°F, and contains no asbestos.

Thermo-Tec exhaust wrap will not over-insulate a system when properly continuous heat up to 2000°F, and contains no asbestos.

**TI TANiUm EXHAUST WRAP**

Titanium exhaust wrap, with LR Technology, is made from pulverized lava rock and stranded into a fibre material and woven into a proprietary weave. Titanium wrap is engineered to be stronger than most wraps and more durable for improved thermal performance and reliability. It is more resistant to oil spills and general wear and tear due to its third generation design. Titanium Wrap is also easier to apply, it can be applied straight from the roll as opposed to dampening the wrap before use. Flexible, Tough and made for the harshest of applications.

**SIZER**

```
Size 1⁄4" 1⁄2" 3⁄8" 1⁄2" 5⁄8" 3⁄4" 7⁄8" 1" 11⁄8" 13⁄8" 15⁄8" 11⁄2" 13⁄4" 17⁄8" 2" 21⁄8" 21⁄4"

Length (ft) 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50
```

**INSTRUCTIONS AND APPROXIMATE COVERAGE FOR INSTALLING INSULATING WRAP.**

**1ST INSULATION WRAP**

Pipe size 15⁄16" 17⁄32" 37⁄64" 3⁄8" 7⁄32" 19⁄64" 5⁄32" 9⁄64" 13⁄64" 25⁄128" Width of wrap per foot of pipe 14" 14" 14" 14" 14" 14" 14" 14" 14" 14"

**2ND INSULATION WRAP**

Pipe size 2" 3" 4" 5" 6" 7" 8" 9" 10" 11" Width of wrap per foot of pipe 16" 16" 16" 16" 16" 16" 16" 16" 16" 16"

```
Coverage per 50 foot roll of wrap 15' 15' 15' 15' 15' 15' 15' 15' 15' 15'
```

**HIGH TEMPERATURE SILICA SLEEVE**

Densely woven Silica Sleeve is ideal for protection of delicate components and personnel from exposure to high temperature exhausts and pipes. Silica Sleeve is braided into a strong and flexible sleeve from silica yarns. The thick 60 mil walls of this sleeving provide enhanced thermal protection up to 1,800°F.

This product cuts easily with scissors or shears and expands to allow easy installation over water cooling hoses, hydraulic hoses, and electrical cables. Also provides great insulation for exhaust systems.

Silica Sleeve is available in Natural.

**EXHAUST INSULATION**

The new quick-wrap high-velocity Exhaust Jackets are an innovative way to insulate and block radiant heat.

The jackets cover the tubes vertically allowing for a consistent fit. The fit allows the exhaust system to expand as it comes up to operating temperatures without restrictions and provides air space for added insulation.

This product uses Thermal Conduction Technology (TCT), developed by Thermo-Tec. Can be installed with the header removed.

**HEADER MANIFOLD BLANKETS**

This flexible heat shield simply clips into place on the upper portion of the header. The fabric side of the material should be facing the heat source and can withstand direct heat up to 750°F. The aluminum side, facing away, can handle radiant heat. The expanded, facing down, protects from falling abrasives, debris, and personnel from exposure to high temperature exhausts and pipes.
**EXHAUST INSULATION**

**KEVLAR SILENCER COVER**

Handles continuous temperatures up to 1100°F. Reduces radiant heat inside vehicle. Dampens muffler noise and vibration. Includes stainless steel snaps for installation. Neat attractive appearance and is abrasion resistant.

**MUFFLER/CATALYTIC CONVERTER HEAT SHIELD**

The Muffler/Catalytic Converter Heat Shield is made up of woven silica with a flexible Mylar finish that protects against radiant heat up to 2450°F and can withstand direct continuous temperatures of 750°F.

The highly-reflective heat shield can be installed between the catalytic converter, muffler, or any other component to reflect radiant heat away from the undercarriage of the car.

**PIPE HEAT SHIELD (CLAMP-ON)**

The flexible clamp on pipe heat shield blocks over 98% of the damaging radiant heat of the exhaust. The high-tech composite construction of the heat shield provides the ultimate in protection.

The kits come complete with all clamps and install in minutes.

Clamp-on pipe heat shields are available in one, two and three foot lengths. Clamp-on pipe heat shields incorporate Thermo-Tec’s proprietary coating.

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**THERMAL SLEEVES AND PIPE INSULATION**

**FIBREGLASS SLEEVE**

Our Resin Satuated Fiberglass Sleeve is an extremely high temperature resistant sleeve commonly used as thermal protection for wires, cables and hoses that are subjected to continuous and extreme high temperature environments, such as engine manifolds and exhaust systems.

Our Fiberglass Sleeve is braided from fiberglass yarns and saturated with high temperature resins that improve the product’s stability and minimize initiating fiberglass shaving during cutting and installation. The sleeving is tough and durable, maintaining its tight structure under extreme vibration, abrasion, mechanical stress and temperature variations.

It is available in a wide range of diameters. It cuts cleanly with scissors and installs easily over a variety of applications to either deflect or retain heat in environments up to 649°C – 1,200°F.

**FEATURES**

- Resin saturated, heavy weight braided fiberglass won’t burn, melt or become brittle
- Minimal shaving when cut and handled
- Cut and abrasion resistant
- Easy to install – cuts with scissors
- Resists petrol and engine chemicals

**PIECEMENTS AND PIPE INSULATION**

**COOL TUBE**

Designed to protect wiring, fuel lines and other areas from extreme heat up to 500°F (260°C). Manufactured from convoluted Nylon 6 tubing – not plastic – and covered with aluminiized glass fibre fabric. Cool Tube combines flexibility with maximum thermal protection. Chemical and abrasion resistant, the tube can be supplied slit lengthwise for ease of installation.

**FEATURES**

- Protects wiring, fuel lines, brake lines, etc.
- Protection up to 500°F
- Combines flexibility with maximum thermal protection
- Reduces temperature an average of 43%
The kits come complete with all clamps and install in minutes.

The flexible clamp on pipe heat shield blocks over 98% of the damaging radiant heat of the exhaust. The Kidney composite construction of the heat shield provides the ultimate in protection.

The new seamless lamination of a high-temperature fabric to a highly-temperature resistant braided glass material, woven together using a stainless steel wire and edging. This produces a sleeving that is flexible, lightweight, and strong.

The combination of aluminum, silica, and stainless steel is combined to produce a sleeving that is flexible, lightweight, and strong.

The aluminised outer facing. Same as Heat Sheath but with the added radiant heat of the exhaust. The High-tech composite construction of the heat shield provides the ultimate in protection.

Thermo-Flex Aluminium can withstand extreme temperatures of up to 750°F.

Available in two colours, silver and black; three diameters, 1⁄2", 3⁄4" and 1"; and three lengths, 3ft, 10ft and 50ft.

FEATURES
- Versatility of fitting diameters 1⁄2" to 11⁄4"
- Convenient hook and loop designed edges
- Easily trimmed to length
- Fireproof
- W x 1/4" diameter x 3 foot length

PIPE HEAT SHIELD (CLAMP-ON)

Thermo-Flex Aluminium is a composite heat shield material with unlimited use. The material is manufactured with a combination of materials to provide alumina-resistance, thermal insulation, and physical containment of hoses and wires.

The new silicone-coated fiberglass fire sleeving is designed to protect wires, cables and hoses from high-temperature exposure, liquid spills and occasional exposure to flame.

This new silicone-coated fiberglass fire sleeving is designed to protect wires, cables and hoses from high-temperature exposure, liquid spills and occasional exposure to flame.

Thermo-Sleeve is packaged in 3 or 12 foot lengths, and is sold in five sizes. The material is manufactured with a combination of materials to provide alumina-resistance, thermal insulation, and physical containment of hoses and wires.

FEATURES
- White/750°F continuous,2000°F intermittent heat
- Insulates wiring, hoses, oil/brake/transmission lines and more
- Use for handling and protecting hoses, electrical wiring, etc.
- Protects against oil, dirt, road grime and other contaminants
- Moldable enough to shape and fit tightest bends

FIRE WRAP 3000

Thermo-Sleeve is milled from a high temperature rated glass fibre fabric with an aluminised outer facing. Same as Heat Sheath but with the added convenience of hook and loop closure design along the open edges. Without the need of removing one end of connected wires, cables and hoses, simply wrap Heat Shroud around whatever needs protection and close edges.

The flexible clamp on pipe heat shield blocks over 98% of the damaging radiant heat of the exhaust. The High-tech composite construction of the heat shield provides the ultimate in protection.

Pipe heat shield are available in one, two and three foot lengths. Clamp-on pipe heat shields incorporate Thermo-Tec’s proprietary coating.

FEATURES
- Insulates wiring, hoses, oil/brake/transmission lines and more
- White/750°F continuous,2000°F intermittent heat
- Insulates wiring, hoses, oil/brake/transmission lines and more
- Use for handling and protecting hoses, electrical wiring, etc.
- Protects against oil, dirt, road grime and other contaminants
- Moldable enough to shape and fit tightest bends

FIRE WRAP 3000
**HIGH TEMPERATURE SILICA SLEEVE**

Densely woven Silica Sleeve is ideal for protection of delicate components and personnel from exposure to high temperature exhausts and pipes.

Silica Sleeve is braided into a strong and flexible sleeve from silica yarn. The thick 60 mil walls of this sleeve provide enhanced thermal protection up to 1,100°F.

This product cuts easily with scissors or shears and expands to allow easy installation over water cooling hoses, hydraulic hoses, and electrical cables. Also provides great insulation for exhaust systems.

Silica Sleeve is available in Natural.

**FEATURES**

- Fire resistance testing specification of AS1055D.
- Extra thick braid
- Heavy coating
- Aerospace grade

**FIREFLEX AERO**

FireFlex Aero is engineered from a dense braided fiberglass sleeve and a thick coating of self-extinguishing high temperature silicone rubber that withstands 500°F continuous exposure, and molten splash up to 1,200°F.

Almost every aviation engine - turbine, turboprop or piston; civilian and military - uses FireFlex Aero to protect critical hoses and wiring in the event of an engine compartment fire. FireFlex Aero meets the specification of AS1072, allowing qualified hose assemblies to pass the fire resistance testing of an engine compartment fire. FireFlex Aero meets the specification of AS1055D.

Almost every aviation engine – turbine, turboprop or piston; civilian and military – uses FireFlex Aero to protect critical hoses and wiring in the event of an engine compartment fire. FireFlex Aero meets the specification of AS1072, allowing qualified hose assemblies to pass the fire resistance testing of an engine compartment fire. FireFlex Aero is engineered from a dense braided fibreglass sleeve and a thick coating of self-extinguishing high temperature silicone rubber that withstands 500°F continuous exposure, and molten splash up to 1,200°F.

FireFlex Aero is highly resistant to hydraulic fluids, lubricating oils, and fuels. The dense braided fiberglass interior resists against energy loss in piping and boxing, while the high density silicone coating protects personnel from accidental injury.

**FEATURES**

- Fire resistance testing specification of AS1055D
- Extra thick braid
- Heavy coating
- Aerospace grade

**ALUMINISED HEAT BARRIER**

The Aluminised Heat Barrier is made up of woven silica with a flexible aluminised finish. The highly-reflective surface of the material is capable of withstanding radiant temperatures in excess of 2000°F and conductive heat temperatures of 795°F.

This product can be installed using standard rivets with a backup washer, Heavy Duty Adhesive Spray or weather strip adhesive. This flexible high-temperature material makes an excellent choice for any application where a versatile heat control product is needed.

**THERMO GUARD FR**

Thermo-Guard FR offers the best in heat and sound insulation. This lightweight, durable shield does everything: reduces sound, absorbs vibration, protects from radiant heat, and provides an extra layer of insulating padding. The product features 100% synthetic fibre that provides sound and comfort control and a high-tech foil heat barrier that blocks more than 60% of radiant heat.

**KEVLAR HEAT BARRIER**

The Kevlar Heat Barrier is made up of Kevlar with a Mylar finish. The Barrier can withstand up to 2000°F of radiant heat and can withstand direct contact up to 1100°F.

The product can be installed using standard rivets with a backup washer or weather strip adhesive. The use of clamps or straps such as our Snap Straps can be used to hold the blanket in place for applications on manifolds or exhaust systems.

In applications such as a heat shield on the undercarriage above the exhaust the material should be held in place by fasteners as described above.

When used as a heat shield, the barrier is installed in the bright metallic surface facing the heat source. When used to retain heat in applications such as exhaust manifolds, the barrier is installed with the fabric side facing the heat. This allows the metallic surface to act as a barrier to prevent the penetration of liquids.
COOL-IT MAT

Use the Cool-It Mat to battle excessive heat and noise that penetrate the driver compartment through the firewalls and floorboards. It is also perfect in doors, under hoods, and above transmission tunnels.

The Cool-IT Mat is comprised of a multi-layered silica matting insulation sandwiched between a Mylar facing on one side and a foil facing on the other. The multi-layered Mylar reflects heat up to 1500°F away from surfaces, while the foil side is orientated away from the heat source to conduct any penetrating heat across its surface thereby providing the ultimate in heat protection.

The silica matting is a dual-density composite and is the main sound insulator. It is easy to trim and can be applied with the push-in fasteners provided or any weather strip adhesive.

FLOOR INSULATING MAT

The Ultra-Lite Insulating Mat was designed with the racer in mind. The new Heat Terminator is made of the highest-quality insulating materials available today. The material is made of a highly-textured aluminium composite surface on one side, with a high-temp silica felt centre and a durable mylar composite facing.

The Heat Terminator uses Thermal Conduction Technology (TCT) and is available in six popular sizes.

REFLECT-A-COOL

Reflect-A-Cool is a reflective material with an adhesive back. It is a multifaceted modern aluminium surface offers improved reflectivity and rigidity and allows for ease of installation. At only 1/8" thick, this product can be shaped and trimmed for a custom fit and is ideal for minimal clearance areas.

Features:
- Protect wires, cables, hoses, pipes and tubing from radiant heat sources
- Radient heat protection up to 2000°F
- Self-adhesive backing for easy installation
- Minture and solvent resistant
- Virtually NO clearance needed

REFLECT-A-GOLD

Reflect-A-Gold is a metallic polyamide polymer laminated glass cloth with a high temperature pressure sensitive adhesive for use in extreme temperature rating environments. It is lightweight and easy to apply and remove.

Features:
- For firewalls, bulkheads, engine covers, floors, seat bottoms and more
- Capable of handling continual temperatures up to 850°F
- Resists UV degradation for long-term performance
- Virtually NO clearance needed
- Adhesive protected by a release liner rated up to 425°F
- Light weight and flexible- Thin to size

FLOOR TUNNEL HEAT SHIELD

Designed to provide the best possible heat protection in areas where high temperatures are always present and problematic, Floor Tunnel Shield limits heat transfer on firewalls, transmission tunnels, floor boards, fuel cells and other areas where heat is an issue. Floor Tunnel Shield provides excellent light weight thermal protection, acts as a guard against track and road debris, and provides sound deadening as well.

Constructed with an embossed 10 mil aluminium face bonded to 1/8" composite glass-fibre core and backed with a high temp super strong pressure sensitive backing, Floor Tunnel Shield withstands up to 1750°F of direct continuous heat. The adhesive side holds past 450°F. Its improved multilayered modern aluminium surface offers improved reflectivity and rigidity and allows for ease of installation. At only 1/8" thick, this product can be shaped and trimmed for a custom fit and is ideal for minimal clearance areas.

With a unique and patented finely woven glass-fibre backing, Floor Tunnel Shield is the easiest, most cost effective way to control thermal transfer while protecting expensive components and vehicle occupants from extreme heat situations and sound.

Floor Tunnel Shield can be used on any number of surfaces including, metal, aluminium, carbon fibre, plastic, and more. Multiple uses include: fire walls, under hoods, transmission tunnels, floor pans, fuel cells, and exterior under vehicle locations—anywhere to reflect damaging heat.

THERMAL BLANKETS AND HEAT MATS

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

Highly-effective material for firewalls, fuel cells, engine covers, under hoods, engine compartment, bulkheads, seat bottoms—anything or area that needs protection from heat.

FEATURES
- Protect wires, cables, hoses, pipes and tubing from radiant heat sources
- Radient heat protection up to 2000°F
- Self-adhesive backing for easy installation
- Minture and solvent resistant
- Virtually NO clearance needed

FEATURES
- For firewalls, bulkheads, engine covers, floors, seat bottoms and more
- Capable of handling continual temperatures up to 850°F
- Resists UV degradation for long-term performance
- Virtually NO clearance needed
- Adhesive protected by a release liner rated up to 425°F
- Light weight and flexible- Thin to size

FEATURES
- Withstands direct high heat temperatures up to 1750°F
- Constructed from 10 mil aluminium bonded to finely woven layer of high-temperature resistant glass fibre
- Easy to form to shapes and contours
- Excellent heat and sound barrier
- Wind and water will not affect adhesive
- Minimum clearance required, only 1/8” thick
- Appraptive self-adhesive backing holds past 450°F
COMPONENT SPECIFIC HEAT SHIELDS

TURBO INSULATING KIT

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

Two Turbo Kits are available – a four cylinder kit, and a six and eight cylinder kit. Each kit contains a roll of Exhaust Insulating Wrap 1 or 2 inch, 1 yard of Aluminised Heat Barrier, and a 3” X 6” piece of Exhaust Insulating Wrap. Hardware and instructions are included.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>COLOR</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>FIXING</th>
<th>PART NO.</th>
</tr>
</thead>
</table>

KEVLAR SILENCER COVER

Handles continuous temperatures up to 1100°F. Reduces radiant heat inside vehicles. Dampens muffler noise and vibration. Includes stainless steel straps for installation. Heat attractive appearance and is abrasion resistant.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>COLOR</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>FIXING</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>26” x 47”</td>
<td>Aluminum</td>
<td>1893 (3500)</td>
<td>1893 (3500)</td>
<td>Self Adhesive</td>
<td>T13000</td>
</tr>
</tbody>
</table>

BATTERY HEAT BARRIER

The World’s only acid-neutralizing heat barrier mat. It reflects over 90% of radiant heat, traps and neutralises battery acid, protects against corrosion, is recyclable, protects the environment, and is inexpensive and easy to install. Acid-absorbing battery pad included for complete protection.

The Battery Heat Barrier Kit is completely safe to handle before and during installation. It is used by all branches of the United States military. The Battery Heat Barrier Kit is also available in rolls or mats.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>COLOR</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>FIXING</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8” x 40”</td>
<td>Aluminum</td>
<td>399 (750)</td>
<td>1093 (2000)</td>
<td>Self Adhesive</td>
<td>T13100</td>
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</tbody>
</table>

COMPONENT SPECIFIC HEAT SHIELDS

MUFFLER/CATALYTIC CONVERTER HEAT SHIELD

The Muffler/Catalytic Converter Heat Shield is made up of woven silica with a flexible Mylar finish that protects against radiant heat up to 2000°F and can withstand direct continuous temperatures of 750°F. The highly-reflective heat shield can be installed between the catalytic converter, muffler, or any other component to reflect radiant heat away from the undercarriage of the car. This versatile heat shield has an unlimited number of applications. The kit includes all necessary fasteners.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>COLOR</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>FIXING</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” x 40”</td>
<td>Aluminum</td>
<td>399 (750)</td>
<td>1093 (2000)</td>
<td>Included</td>
<td>T13800</td>
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</tbody>
</table>

SPARK PLUG WIRE HEAT SHIELD

This heat shield offers spark plug wires and boots the ultimate protection from conductive and radiant heat. The dual-purpose heat shield has an aluminised outer surface that reflects 90% of radiant heat, up to 2000ºF, with formulated silica-based fabric inside that prevents conductive heat from penetrating.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>FACE QUANTITY</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” x 2 1/2” 2</td>
<td>1893 (3500)</td>
<td>1093 (2000)</td>
<td>T14000</td>
<td></td>
</tr>
<tr>
<td>6” x 2 1/2” 4</td>
<td>1893 (3500)</td>
<td>1093 (2000)</td>
<td>T14005</td>
<td></td>
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</tbody>
</table>

STARTER HEAT SHIELD

The Starter Heat Shield developed to eliminate starter problems caused by close proximity of the exhaust to the starter. The radiant heat of the exhaust easily produces enough heat to destroy the windings of the starter and solenoid. To combat this problem we can offer an easy to install strap-on heat barrier to reflect the radiant heat produced by an exhaust system. The universal kit enables the user to insulate the starter and solenoid. The unique construction of the aluminised material provides protection by reflection of up to 90% of radiant heat.

<table>
<thead>
<tr>
<th>DESCRIPTION/ SIZE</th>
<th>COLOR</th>
<th>MAX DIRECT TEMP. °C (°F)</th>
<th>MAX RADIANT TEMP. °C (°F)</th>
<th>FIXING</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7” x 22”</td>
<td>Aluminum</td>
<td>399 (750)</td>
<td>1093 (2000)</td>
<td>Included</td>
<td>T14150</td>
</tr>
</tbody>
</table>
**HEAT AND SOUND DEADENING**

**THERMAL ACOUSTIC LINING**

Appricom is pleased to announce the inclusion of an underhood thermal acoustic lining to their ever increasing and extensive range of heat and sound control products.

Underhood Thermal Acoustic Lining is primarily designed for engine compartments as a way of greatly reducing noise and heat with the easy peel and stick application.

Extends heat and noise can be a major problem in many instances including industrial applications such as power generation, earth moving equipment, pumps as well as high performance vehicles.

The product is made of ¾” thick high quality industrial acoustic grade foam with a reinforced reflective aluminium covering. The thermal and acoustic lining not only insulates the underside of any canopy or hood but serves as a sound deadener and thermal control while at the same time protecting paint finishes.

Underhood Thermal Acoustic Lining is also ideal for use in the heat ventilation and air conditioning industries or anywhere where heat and sound proves problematic.

### FEATURES
- Insulates heat while reducing noise and vibration
- Self adhesive-peel and stick application
- Protects paint finishes
- Resists oil, water and contaminants
- ¾” thick
- Temperature Range 45°F-275°F (7°C-135°C)

### DESCRIPTION/SIZE

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Temperature Range (°F)</th>
<th>Thickness (in)</th>
<th>DB Reduction</th>
<th>Fixing</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>32” x 54”</td>
<td>Aluminum</td>
<td>7-125 (46-275)</td>
<td>½”</td>
<td>3 on average</td>
<td>Self-Adhesive</td>
<td>T14230</td>
</tr>
</tbody>
</table>

**Thermo-Guard FR**

Thermo-Guard FR offers the best in heat and sound insulation. This lightweight, durable shield does everything: reduces sound, absorbs vibration, protects from radiant heat and provides an extra layer of insulating padding. The product features 100% synthetic fibre felt that provides sound and comfort control and a high-tech foil heat barrier that blocks more than 90% of radiant heat.

### DESCRIPTION/SIZE

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Temperature Range (°F)</th>
<th>Thickness (in)</th>
<th>DB Reduction</th>
<th>Fixing</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” x 48”</td>
<td>One Side</td>
<td>149 (300)</td>
<td>½”</td>
<td>3 on average</td>
<td>Self-Adhesive</td>
<td>T14130</td>
</tr>
<tr>
<td>36” x 72”</td>
<td>One Side</td>
<td>149 (300)</td>
<td>½”</td>
<td>3 on average</td>
<td>Self-Adhesive</td>
<td>T14125</td>
</tr>
<tr>
<td>48” x 72”</td>
<td>Two Side</td>
<td>149 (300)</td>
<td>½”</td>
<td>3 on average</td>
<td>Self-Adhesive</td>
<td>T14125</td>
</tr>
</tbody>
</table>

**Suppressor Sound and Heat Mat**

Under Carpet Lite is a superior sound decoupling material for those hard to cover areas like door linens, rear decks, headliners and more. Under Carpet Lite™ (UC Lite™) is a ½” thick multi-layer, high tech water proof composite material designed to be extremely flexible and easy to install. UC Lite offers maximum thermal insulation in a lightweight padding that provides less heat transfer in the summer while protecting against the transfer of cold air in the winter.

UC Lite is also equally effective as a sound deadener that prevents the transfer of noise, including rattles and squeaks to ensure a “like new” driving experience and add long lasting value to your investment. The multilayer polyester/thermoset composite material offers unmatched thermal and acoustic protection in an extremely flexible light weight package.

It can be installed under carpet, behind door panels, under headliners, on flow walls, or in any interior location. To install, simply fasten mechanically to the area, or tack in place with our Heavy Duty Adhesive. Adhesive works well on both vertical and overhead surfaces.
Agrimach Acoustic Foam is used for internal and external duct linings, thermal/acoustic machine coverings and suspended ceiling absorptive panels. Also used as part of composite covers for acoustic floor treatments and external lagging products. A general purpose acoustic foam that due to its extended properties is highly adaptable.

Agrimach Acoustic Foam is fire retardant modified polyurethane acoustic foam designed to meet the stringent requirements of British Building Regulations. Dark grey in colour Agrimach acoustic foam is CFC and HCFC free.

Agrimach Acoustic Foam is a high performance material that has been acoustically tested at a UKAS certified independent test laboratory.

**Acoustic Foam**

**Applications**
- Excellent sound absorption
- Light reflective
- Good thermal insulation
- Easy to handle, install, and clean
- Cool effects
- High quality finish
- Fire Rated

**Advantages**
- Available in sheet or roll form
- Flexible and easily cut
- Easy to handle and install
- CFC and HCFC free
- Available with various backings including self-adhesive backing and Class O foil facing

**Description**
- Fire retardant modified polyurethane acoustic foam designed to meet the stringent requirements of British Building Regulations.
- Dark grey in colour.
- CFC and HCFC free.
- Available in sheet or roll form.
- Flexible and easily cut.
- Easy to handle and install.
- CFC and HCFC free.
- Available with various backings including self-adhesive backing and Class O foil facing.

**Features**
- Excellent sound absorption
- Light reflective
- Good thermal insulation
- Easy to handle, install, and clean
- Cool effects
- High quality finish
- Fire Rated

**Curtain**

**Applications**
- Suitable for offshore and marine, factory and machinery, fan jackets, ship and boat engine room insulation, compression and turbine insulation, building site enclosures, external sports areas etc.

**Description**
- Agrimach Acoustic Curtains are manufactured from two quilted mineral wool layers bonded on both sides of a polymeric mass barrier. The whole is then encapsulated in a weatherproof heavy duty silicone coated E-glass cloth which is fully stitched and hemmed.

**Advantages**
- Weather-proof for outside use
- Full encapsulated
- Guilted to prevent delaminating

**Questions**
- What is the purpose of the Agrimach Acoustic Foam?
- What are the advantages of Agrimach Acoustic Foam?
- What are the applications for Agrimach Acoustic Foam?
- What is the composition of the Agrimach Acoustic Curtain?
- What are the advantages of the Agrimach Acoustic Curtain?
- What are the applications for Agrimach Acoustic Curtain?
Protecting hoses and wiring made easy. Installation of a product to protect hoses and wiring, without disassembly of the components in many applications is critical. Loss of fluids or disconnecting a wiring harness can be expensive and time consuming. Thermo-Shield provides an easy economical way to provide the ultimate protection to these parts and components. Thermo-Shield is a combination of materials laminated together to provide a barrier against the extreme conditions that underhood components are exposed to. Radiant and conductive heat in the underhood environment can destroy hoses and wiring by drying out or melting the rubber and plastic of these components. Thermo-Shield is the latest in high tech materials. It’s base fabric is a high silica fibre with a metalised mirror finish. The combination of metalised high silica fabric with an adhesive back provides the ultimate way to protect hoses and wiring. Thermo-Shield is designed to not only insulate but reflect the ultra high radiant heat produced by an internal combustion engine. Protect parts from over 90% of radiant heat up to 2000°F.

Fire Tape is a non-adhesive silicone rubber tape that is self-bonding, self-curing and forms a permanent water-tight barrier. Each roll is 1” wide x 36’ length and includes a guide line for easy application. It serves as an excellent insulating alternative to vinyl tapes and wraps. Other uses include wrapping wiring harnesses, cover and protect wire splices, and electrical wire terminations.

**FEATURES**
- Withstands 475°F direct continuous heat
- Self-bonding and self-curing
- Does not harden – remains flexible
- 36’ x 1” wide roll

**SIZE COLOUR MAX DIRECT TEMP °C (°F) MAX RADIENT TEMP °C (°F) PACK NO. TYPE 1 TYPE 2 FIXING PART NO.**
- 1” x 36’ Black 246 (475) 1093 (2000) Self Vulcanizing TD010476