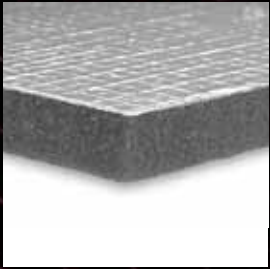


AGRIEMACH_{LTD}

HEAT AND SOUND INSULATION



Since
1976

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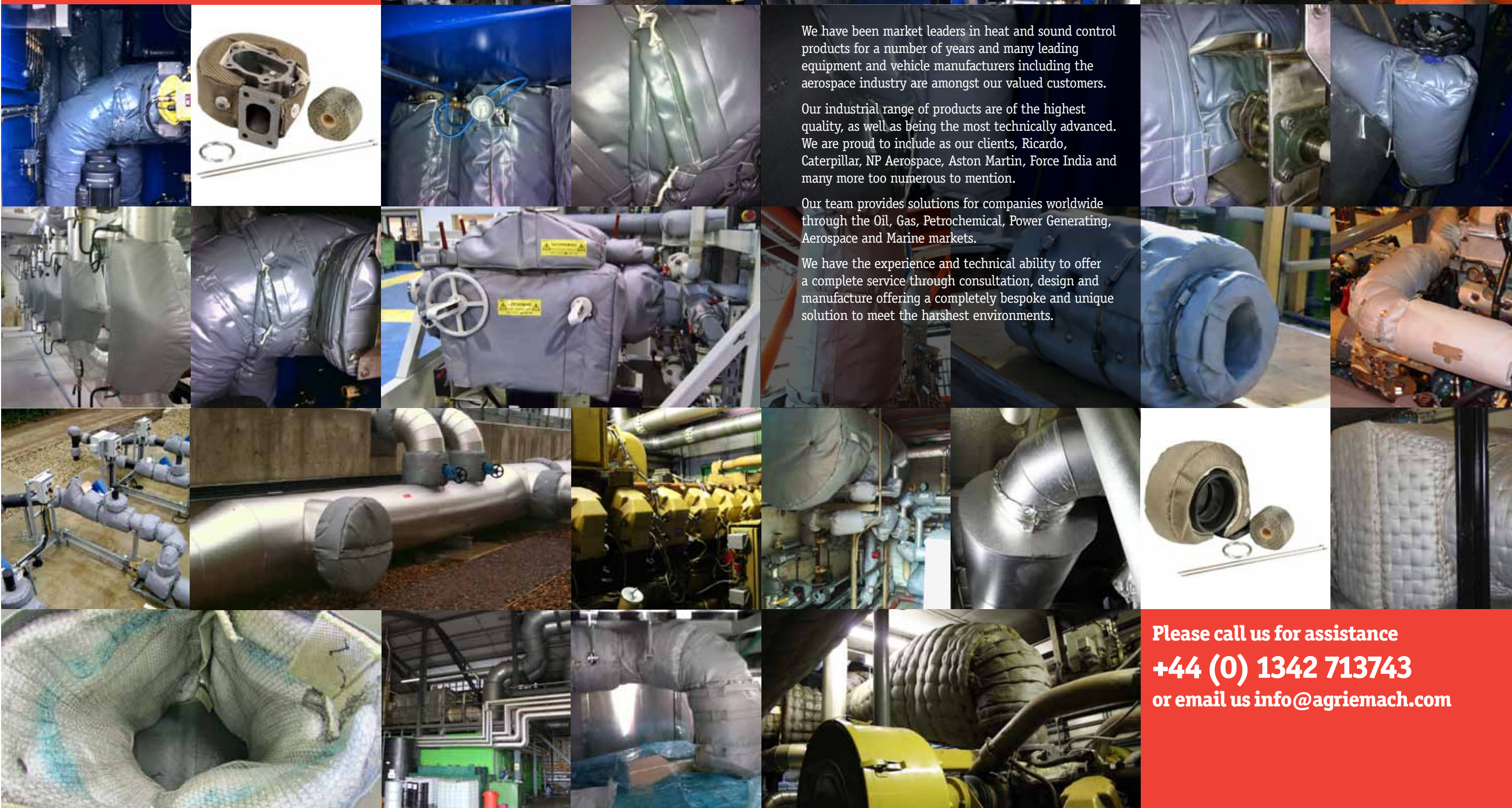
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Please call us for assistance +44 (0) 1342 713743
or email us info@agriemach.com

BESPOKE HEAT AND SOUND SOLUTIONS

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.



BESPOKE HEAT AND SOUND SOLUTIONS

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 provides 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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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 hotter 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 installed due to a proprietary coating developed by Thermo-Tec – Thermal Conduction Technology (TCT) – that conducts heat across the wrap’s surface. This coating controls heat build-up and dissipation.

TITANIUM EXHAUST WRAP

Titanium exhaust wrap, with LR Technology, is made from pulverised 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.

GENERATION II COPPER

Generation II Copper Header Wrap improves heat resistance up to 30% more than current technology, by utilizing a new proprietary coating developed by Thermo-Tec; improved Thermal-Conduction-Technology (T-C-T).

Generation II Copper Exhaust Wrap creates more horsepower and reduces under-hood temperatures, increases exhaust scavenging, withstands continuous heat up to 2000°F, contains no asbestos.

Generation II Copper Exhaust Wrap is sold in one or two inch wide, 50 foot rolls with a low profile 1/16” thickness.



DESCRIPTION/ SIZE	COLOUR	MAX TEMP °C	MAX TEMP °F	FIXING	PART NO.
1" x 15ft	Natural	1093	2000	SS Straps	T11151
1" x 25ft	Natural	1093	2000	SS Straps	T11001-25
1" x 50ft	Natural	1093	2000	SS Straps	T11001
2" x 15ft	Natural	1093	2000	SS Straps	T11152
2" x 25ft	Natural	1093	2000	SS Straps	T11002-25
2" x 50ft	Natural	1093	2000	SS Straps	T11002
6" x 100ft	Natural	1093	2000	SS Straps	T11006
1" x 15ft	Black	1093	2000	SS Straps	T11153
1" x 25ft	Black	1093	2000	SS Straps	T11021-25
1" x 50ft	Black	1093	2000	SS Straps	T11021
2" x 15ft	Black	1093	2000	SS Straps	T11154
2" x 25ft	Black	1093	2000	SS Straps	T11022-25
2" x 50ft	Black	1093	2000	SS Straps	T11022
6" x 100ft	Black	1093	2000	SS Straps	T11006
1" x 15ft	Titanium	1093	2000	SS Straps	TD010128
1" x 50ft	Titanium	1093	2000	SS Straps	TD010126
2" x 15ft	Titanium	1093	2000	SS Straps	TD010129
2" x 50ft	Titanium	1093	2000	SS Straps	TD010127
1" x 50ft	Copper	1093	2000	SS Straps	T11031
2" x 50ft	Copper	1093	2000	SS Straps	T11032

INSTRUCTIONS AND APPROXIMATE COVERAGE FOR INSTALLING INSULATING WRAP.

1" EXHAUST INSULATING WRAP									
Pipe size	1 1/8"	1 1/2"	1 3/8"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"	
Inches of wrap per foot of pipe	70"	76"	82"	88"	95"	101"	108"	113"	

2" EXHAUST INSULATING WRAP					
Pipe size	2"	3"	4"	5"	6"
Inches of wrap per foot of pipe	44"	57"	70"	83"	96"
Coverage per 50ft roll of wrap	13'	11'	9'	7'	5'

EXHAUST INSULATION

EXHAUST JACKETS

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 headers mounted.



DESCRIPTION/SIZE	COLOUR	MAX TEMP °C	MAX TEMP °F	FIXING	PART NO.
V8 Kit	Natural	1093	2000	Included	T11248
4 and 6 Cylinder Kit	Natural	1093	2000	Included	T11246

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.



NOM-INAL SIZE	COLOUR	EXPANSION RANGE		AVAILABLE SIZES		MAX DIRECT TEMP °C (°F)	MELT (ASTM D-2117) °C (°F)	PART NO.
		MIN.	MAX.	BULK	SPOOL			
1/4"	Natural (NT)	1/4"	1/2"	100'	50'	982 (1800)	1649 (3000)	SLN0.25NT
1/2"	Natural (NT)	1/2"	5/8"	100'	50'	982 (1800)	1649 (3000)	SLN0.50NT
1"	Natural (NT)	3/4"	1 1/2"	100'	50'	982 (1800)	1649 (3000)	SLN1.00NT
1 1/2"	Natural (NT)	1"	1 1/2"	100'	50'	982 (1800)	1649 (3000)	SLN1.50NT
2"	Natural (NT)	1 1/4"	2 3/16"	100'	25'	982 (1800)	1649 (3000)	SLN2.00NT
3"	Natural (NT)	2 1/2"	3 1/2"	100'	25'	982 (1800)	1649 (3000)	SLN3.00NT
4"	Natural (NT)	3 1/2"	4 1/2"	100'	25'	982 (1800)	1649 (3000)	SLN4.00NT
6"	Natural (NT)	5 1/2"	6 1/2"	100'	25'	982 (1800)	1649 (3000)	SLN6.00NT

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 aluminised side, facing away, can handle radiant heat up to 2000°F, offers protection from abrasion and harmful liquid spills.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
4 Cylinder and Straight 6	Aluminium	399 (750)	1093 (2000)	Included	T14004
V6-V8 Block	Aluminium	399 (750)	1093 (2000)	Included	T14003

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 straps for installation. Neat attractive appearance and is abrasion resistant.



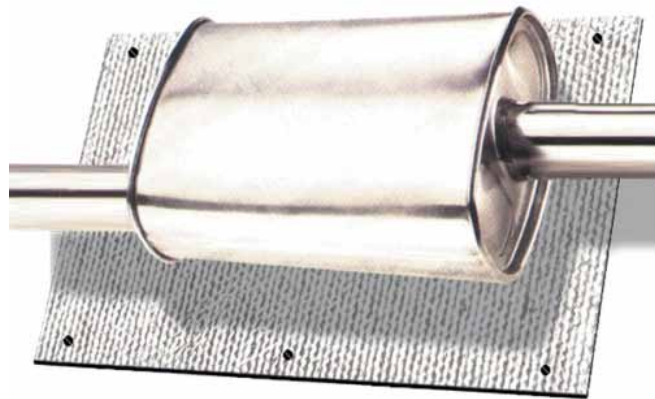
DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
26" x 40"	Aluminium	593 (1100)	1093 (2000)	Included	T16800

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.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
24" x 40"	Aluminium	399 (750)	1093 (2000)	Included	T16800

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.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
6" x 1ft	Aluminium	538 (1000)	1093 (2000)	Included	T11600
6" x 2ft	Aluminium	538 (1000)	1093 (2000)	Included	T11620
6" x 3ft	Aluminium	538 (1000)	1093 (2000)	Included	T11630

THERMAL SLEEVES AND PIPE INSULATION

FIBREGLASS SLEEVE

Our Resin Saturated Fibreglass Sleeveing 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 Fibreglass Sleeve is braided from fibreglass yarns and saturated with high temperature resins that improve the product's stability and minimise irritating fibreglass dusting 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 fibreglass won't burn, melt or become brittle
- > Minimal dusting when cut and handled
- > Cut and abrasion resistant
- > Easy to install – cuts with scissors
- > Resists petrol and engine chemicals



NOMI- NAL SIZE	MAXI- MUM DIAM- ETER	MAX DIRECT TEMP °C (°F)	MELT POINT °C (°F)	AVAILABLE SIZES		AVAILABLE COLOURS	PART NO.
				BULK	SPOOL		
1/4"	3/8"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.25
3/8"	5/8"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.38
1/2"	3/4"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.50
5/8"	7/8"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.63
3/4"	1 1/8"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.75
7/8"	1 1/4"	650 (1202)	1120 (2048)	200'	50'	Silver and Black	FGN0.88
1"	1 5/8"	650 (1202)	1120 (2048)	100'	25'	Silver and Black	FGN1.00
1 1/2"	2 5/8"	650 (1202)	1120 (2048)	100'	25'	Silver and Black	FGN1.50



Black

Silver

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 aluminised 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

SIZE	INSIDE DIAMETER	MAXIMUM TEMP °C	MAXIMUM TEMP °F	SLIT OR UNSLIT	PART NO.
1/2" x 15ft Slit	1/2"	260	500	Slit	TD010415
1/2" x 15ft Unslit	1/2"	260	500	Unslit	TD010415US
1/2" x 3ft Slit	1/2"	260	500	Slit	TD010414
1/2" x 3ft Unslit	1/2"	260	500	Unslit	TD010414US
3/4" x 15ft Slit	3/4"	260	500	Slit	TD010407
3/4" x 15ft Unslit	3/4"	260	500	Unslit	TD010407US
3/4" x 3ft Slit	3/4"	260	500	Slit	TD010406
3/4" x 3ft Unslit	3/4"	260	500	Unslit	TD010406US

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%



THERMAL SLEEVES AND PIPE INSULATION

HEAT SHROUD

Heat Shroud is made 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.



FEATURES

- > Versatility of fitting diameters 1/2" to 1 1/4"
- > Convenient hook and loop designed edges
- > Withstands 500°F direct continuous/2000°F radiant heat
- > No need to remove wires and hoses
- > Easily trimmed to length
- > Fireproof
- > 1/2" to 1 1/4" diameters x 3 foot length

DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
1/2" to 1 1/4" ID x 3ft	Aluminium	260 (500)	1093 (2000)	Hook and Loop	TD010405
1/2" to 1 1/4" ID x 50ft	Aluminium	260 (500)	1093 (2000)	Hook and Loop	TD010405B50

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 installS 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.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
6" x 1ft	Aluminium	538 (1000)	1093 (2000)	Included	T11600
6" x 2ft	Aluminium	538 (1000)	1093 (2000)	Included	T11620
6" x 3ft	Aluminium	538 (1000)	1093 (2000)	Included	T11630

THERMO SLEEVE

The new seamless lamination of a high-temperature fabric to a highly-reflective foil is the makeup of Thermo-Sleeve, which provides protection from radiant heat for hoses and wires.

Thermo-Sleeve's ultra light-weight construction provides more insulation than traditional bulky rubber-coated fibreglass. The aluminised sleeving reflects over 90% of radiant heat, and is fireproof and oil resistant.

Thermo-Sleeve is packaged in 3 or 12 foot lengths, and is sold in five different inside diameter sizes. Thermo-Sleeve is available in custom lengths for special applications.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
1/4" - 1/2" x 3ft	Aluminium	399 (750)	1093 (2000)	T14005
1/4" - 1/2" x 50ft	Aluminium	399 (750)	1093 (2000)	T14005/50
1/4" - 1/2" x 12ft	Aluminium	399 (750)	1093 (2000)	T14006
3/8" - 1" x 3ft	Aluminium	399 (750)	1093 (2000)	T14010
3/8" - 1" x 50ft	Aluminium	399 (750)	1093 (2000)	T14010-50
3/8" - 1" x 12ft	Aluminium	399 (750)	1093 (2000)	T14011
1 1/8" - 1 1/2" x 3ft	Aluminium	399 (750)	1093 (2000)	T14015
1 1/8" - 1 1/2" x 50ft	Aluminium	399 (750)	1093 (2000)	T14015-50
1 1/8" - 1 1/2" x 12ft	Aluminium	399 (750)	1093 (2000)	T14016
1 1/8" - 2" x 3ft	Aluminium	399 (750)	1093 (2000)	T14020
1 1/8" - 2" x 50ft	Aluminium	399 (750)	1093 (2000)	T14020-50
1 1/8" - 2" x 12ft	Aluminium	399 (750)	1093 (2000)	T14021
2 1/8" - 2 1/2" x 3ft	Aluminium	399 (750)	1093 (2000)	T14025
2 1/8" - 2 1/2" x 50ft	Aluminium	399 (750)	1093 (2000)	T14025-50
2 1/8" - 2 1/2" x 12ft	Aluminium	399 (750)	1093 (2000)	T14026

THERMAL SLEEVES AND PIPE INSULATION

THERMO-FLEX

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

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

The aluminium-silica combination can be slit for applications such as wire looms or hose covering without disconnecting the ends of the wire or hoses. Thermo-Flex Aluminium can withstand extreme temperatures of up to 750°F.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
3/8" x 3ft	Aluminium	399 (750)	649 (1200)	T17062
3/8" x 10ft	Aluminium	399 (750)	649 (1200)	T17062-10
3/4" x 3ft	Aluminium	399 (750)	649 (1200)	T17075
3/4" x 10ft	Aluminium	399 (750)	649 (1200)	T17075-10
1" x 3ft	Aluminium	399 (750)	649 (1200)	T17100
1" x 10ft	Aluminium	399 (750)	649 (1200)	T17100-10
1 1/2" x 3ft	Aluminium	399 (750)	649 (1200)	T17150
1 1/2" x 10ft	Aluminium	399 (750)	649 (1200)	T17150-10
3" x 3ft	Aluminium	399 (750)	649 (1200)	T17300
3" x 10ft	Aluminium	399 (750)	649 (1200)	T17300-10

HEAT SLEEVE

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

The high-quality sleeving is made from braided fibreglass and coated with a compound silicone rubber. It is capable of continuous protection to 500°F and short-term exposure thru 2200°F.

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



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	PART NO.
1/2" x 3ft	Black	260 (500)	T18050
1/2" x 10ft	Black	260 (500)	T18050-10
1/2" x 50ft	Black	260 (500)	T18050-50
1/2" x 3ft	Silver	260 (500)	T18051
1/2" x 10ft	Silver	260 (500)	T18051-10
1/2" x 50ft	Silver	260 (500)	T18051-50
3/4" x 3ft	Black	260 (500)	T18075
3/4" x 10ft	Black	260 (500)	T18075-10
3/4" x 50ft	Black	260 (500)	T18075-50

DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	PART NO.
3/4" x 3ft	Silver	260 (500)	T18076
3/4" x 10ft	Silver	260 (500)	T18076-10
3/4" x 50ft	Silver	260 (500)	T18076-50
1" x 3ft	Black	260 (500)	T18100
1" x 10ft	Black	260 (500)	T18100-10
1" x 50ft	Black	260 (500)	T18100-50
1" x 3ft	Silver	260 (500)	T18101
1" x 10ft	Silver	260 (500)	T18101-10
1" x 50ft	Silver	260 (500)	T18101-50

FIRE WRAP 3000

Constructed from a high temperature resistant braided glass material, woven into a sleeve and heavily coated with 100% iron oxide silicone rubber, Fire Wrap provides the ultimate in heat insulation and protection from direct heat up to 500°F but with the convenience of a hook and loop edge closure design. Simply wrap Fire Wrap 3000 around wires, cables or hoses without the need of disconnecting.



FEATURES

- > Withstands 500°F continuous/2000°F intermittent heat
- > Insulates wiring, hoses, oil/brake/transmission lines and more
- > Use for bundling and protecting hoses, electrical wiring etc.
- > Protects against oil, dirt, road grime and other contaminates
- > Pliable enough to shape and fit tightest bends

DESCRIPTION/ SIZE	COLOUR	MAX TEMP °C	MAX TEMP °F	FIXING	PART NO.
1" ID x 2ft	Black	260	500	Hook and Loop	TD010478
1 1/2" ID x 2ft	Black	260	500	Hook and Loop	TD010479
3/8" ID x 2ft	Black	260	500	Hook and Loop	TD010477

THERMAL SLEEVES AND PIPE INSULATION

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.



NOM- INAL SIZE	COLOUR	EXPANSION RANGE		AVAILABLE SIZES		MAX DIRECT TEMP °C (°F)	MELT (ASTM D-2117) °C (°F)	PART NO.
		MIN.	MAX.	BULK	SPOOL			
¼"	Natural (NT)	¼"	½"	100'	50'	982 (1800)	1649 (3000)	SLN0.25NT
½"	Natural (NT)	½"	¾"	100'	50'	982 (1800)	1649 (3000)	SLN0.50NT
1"	Natural (NT)	¾"	1½"	100'	50'	982 (1800)	1649 (3000)	SLN1.00NT
1½"	Natural (NT)	1"	1½"	100'	50'	982 (1800)	1649 (3000)	SLN1.50NT
2"	Natural (NT)	1½"	2¾"	100'	50'	982 (1800)	1649 (3000)	SLN2.00NT
3"	Natural (NT)	2½"	3½"	100'	50'	982 (1800)	1649 (3000)	SLN3.00NT
4"	Natural (NT)	3½"	4½"	100'	50'	982 (1800)	1649 (3000)	SLN4.00NT
6"	Natural (NT)	5½"	6½"	100'	50'	982 (1800)	1649 (3000)	SLN6.00NT

FIREFLEX AERO

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 2,000°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 specification of AS1055D.

FireFlex Aero is highly resistant to hydraulic fluids, lubricating oils, and fuels. The dense braided fibreglass interior insulates against energy loss in piping and hosing, 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

NOMI- NAL SIZE (INCH- ES)	WALL THICK- NESS (MM)	COLOURS	AVAILABLE SIZES		MAX CONTINU- OUS TEMP °C (°F)	MELT (ASTM D-2117) °C (°F)	WEIGHT LBS/ 100FT	PART NO.
			BULK	SPOOL				
¼"	2.92	Black (BK) or Red (RD)	100'	50'	260 (500)	1120 (2048)	8.04	FIA0.25
⅜"	2.92	Black (BK) or Red (RD)	100'	50'	260 (500)	1120 (2048)	9.96	FIA0.38
½"	2.92	Black (BK) or Red (RD)	100'	50'	260 (500)	1120 (2048)	12.96	FIA0.44
¾"	2.92	Black (BK) or Red (RD)	100'	50'	260 (500)	1120 (2048)	14.04	FIA0.50
⅝"	2.92	Black (BK) or Red (RD)	100'	50'	260 (500)	1120 (2048)	20.04	FIA0.63
¾"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	21.96	FIA0.75
⅞"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	26.04	FIA0.88
1"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	33	FIA1.00
1⅛"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	35.04	FIA1.13
1¼"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	36.96	FIA1.25
1⅝"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	44.04	FIA1.38
1½"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	48	FIA1.50
1⅞"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	38.04	FIA1.63
1¾"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	42	FIA1.75
1⅞"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	44.04	FIA1.88
2"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	48	FIA2.00
2¼"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	55	FIA2.25
2½"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	65.04	FIA2.50
2⅞"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	76.2	FIA2.75
3"	2.92	Black (BK) or Red (RD)	50'	25'	260 (500)	1120 (2048)	87	FIA3.00



THERMAL BLANKETS AND HEAT MATS

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 750°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 it an excellent choice for any application when a versatile heat control product is needed.

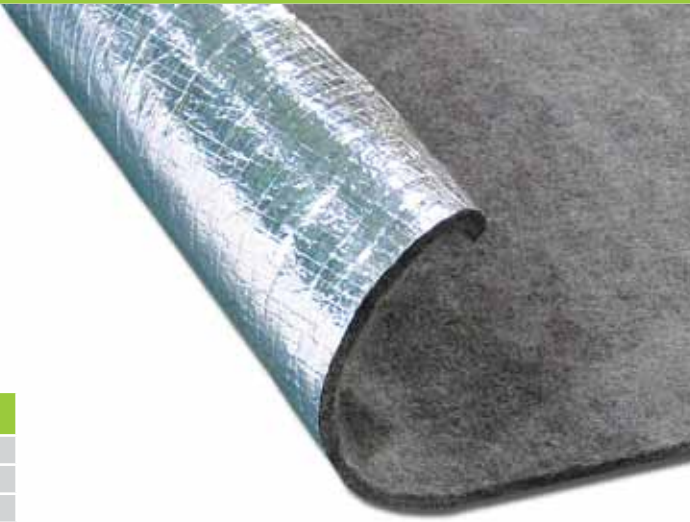
SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
½m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-1/2
1m x 1m	Aluminium	399 (750)	1093 (2000)	T14001
2m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-2
3m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-3
4m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-4
5m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-5
10m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-10
25m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-25
50m x 1m	Aluminium	399 (750)	1093 (2000)	T14001-50



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.

SIZE	FOIL SIDES	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
24" x 48"	One Side	149 (300)	816 (1500)	T14130
48" x 72"	One Side	149 (300)	816 (1500)	T14120
48" x 72"	Two Side	149 (300)	816 (1500)	T14125



KEVLAR HEAT BARRIER

The Kevlar Heat Barrier is made from 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 so the bright metallic surface faces 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.

SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
26" x 40"	Aluminium	593 (1100)	1093 (2000)	T16850



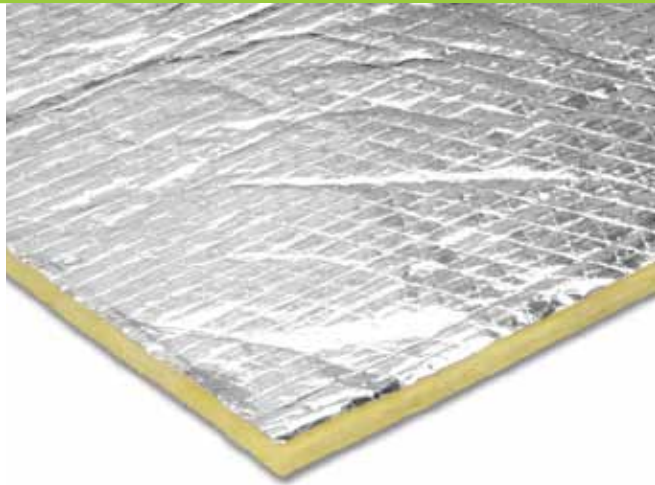
THERMAL BLANKETS AND HEAT MATS

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 housings.

The Cool-It Mat is composed of resin-bonded silica blanketing insulation sandwiched between a Mylar facing on one side and a foil facing on the other. The highly-reflective 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 thus providing the ultimate in heat protection.

The silica blanketing 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.



SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
24" x 48"	Aluminium	205 (400)	815 (1500)	T14100
48" x 48"	Aluminium	205 (400)	815 (1500)	T14110
24" x 50ft	Aluminium	205 (400)	815 (1500)	T14100-50

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.



SIZE	COLOUR	MAX RADIANT TEMP °C (°F)	PART NO.
8" x 12"	Aluminium	1093 (2000)	T16510
10" x 18"	Aluminium	1093 (2000)	T16520
18" x 18"	Aluminium	1093 (2000)	T16530
18" x 24"	Aluminium	1093 (2000)	T16540
24" x 24"	Aluminium	1093 (2000)	T16550
24" x 36"	Aluminium	1093 (2000)	T16560

REFLECT-A-COOL

Reflect-A-Cool is a reflective material with an adhesive back. It is a combination of fibreglass and aluminised foil layer to reflect the heat away from sensitive areas. The amount of reflection, as with any reflective material depends upon the distance from the object and the mass of heat. It will reflect up to about 2000°F and protects against a continuous temperature of 600°F. This offers excellent protection where a mechanical fastener cannot be used, e.g. on a firewall, in the tub of a racing car. It can easily be cut to fit, has an excellent adhesive quality.

FEATURES

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



SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
12" x 12"	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	T13500
24" x 12"	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	T13575
24" x 36"	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	T13585
48" x 36"	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TD010412
1m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL
2m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-2
3m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-3
4m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-4
5m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-5
10m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-10
25m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-25
50m x 1m	Aluminium	315 (600)	1093 (2000)	Self-Adhesive	TS332ALFOL-50

THERMAL BLANKETS AND HEAT MATS

REFLECT-A-GOLD

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

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

SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
12" x 12"	Gold	163 (325)	455 (850)	Self-Adhesive	TD010391
12" x 24"	Gold	163 (325)	455 (850)	Self-Adhesive	TD010392
24" x 24"	Gold	163 (325)	455 (850)	Self-Adhesive	TD010393
1½" x 15ft Roll	Gold	163 (325)	455 (850)	Self-Adhesive	TD010394
1½" x 30ft Roll	Gold	163 (325)	455 (850)	Self-Adhesive	TD010395
2" x 15ft Roll	Gold	163 (325)	455 (850)	Self-Adhesive	TD010396
2" x 30ft Roll	Gold	163 (325)	455 (850)	Self-Adhesive	TD010397
24" x 150ft Roll	Gold	163 (325)	455 (850)	Self-Adhesive	TD010390

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 325°F
- > Light weight and flexible-Trim 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 fire walls, 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 ⅛" 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 multifaceted modern aluminium surface offers improved reflectivity and rigidity and allows for ease of installation. At only ⅜" 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.



SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	THICKNESS (MM)	FIXING	PART NO.
2ft x 21"	Aluminium	955 (1750)	2.5	Self-Adhesive	TD050501
4ft x 21"	Aluminium	955 (1750)	2.5	Self-Adhesive	TD050502
4ft x 42"	Aluminium	955 (1750)	2.5	Self-Adhesive	TD050503

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 ⅜" thick
- > Aggressive 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 turbos 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.

SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
4 Cylinder Kit	Aluminium and Biscuit	1093 (2000)	1093 (2000)	SS Straps Incl.	T15001
6-8 Cylinder Kit	Aluminium and Biscuit	1093 (2000)	1093 (2000)	SS Straps Incl.	T15002



KEVLAR SILENCER COVER

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



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
26" x 40"	Aluminium	593 (1100)	1093 (2000)	Included	T16800

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.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
8" x 40"	Aluminium	149 (300)	1093 (2000)	Self Adhesive	T13200

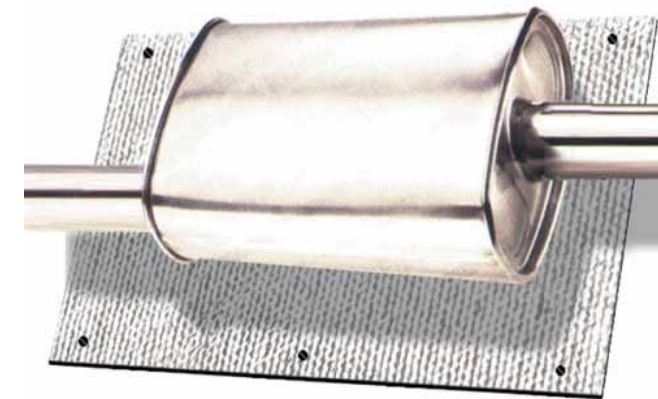
COMPONENT SPECIFIC HEAT SHIELDS

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.



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
24" x 40"	Aluminium	399 (750)	1093 (2000)	Included	T16500

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 2000°F, with formulated silica-based fabric inside that prevents conductive heat from penetrating.



DESCRIPTION/ SIZE	PACK QUANTITY	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
6" x 2 1/2"	2	1093 (2000)	1093 (2000)	T14200
6" x 2 1/2"	4	1093 (2000)	1093 (2000)	T14250

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



DESCRIPTION/ SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
7" x 22"	Aluminium	399 (750)	1093 (2000)	Included	T14150

HEAT AND SOUND DEADENING

THERMAL ACOUSTIC LINING

Agriemach are 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.

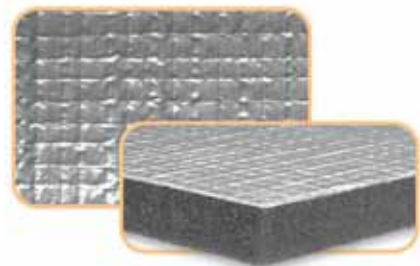
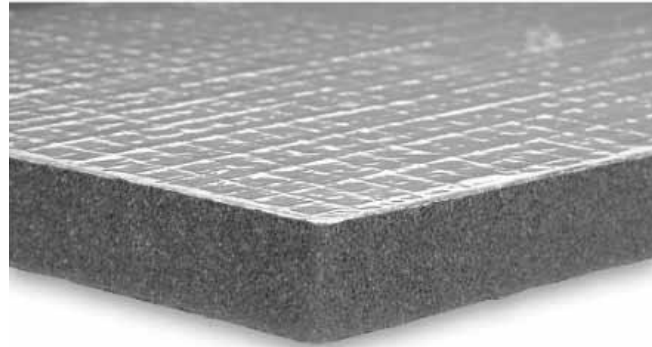
Extreme heat and noise can be a major problem in many instances including industrial applications such as power generation, earth moving equipment, pumps as well as high performance vehicles.

The product is made of 3/4" thick high quality industrial acoustical 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

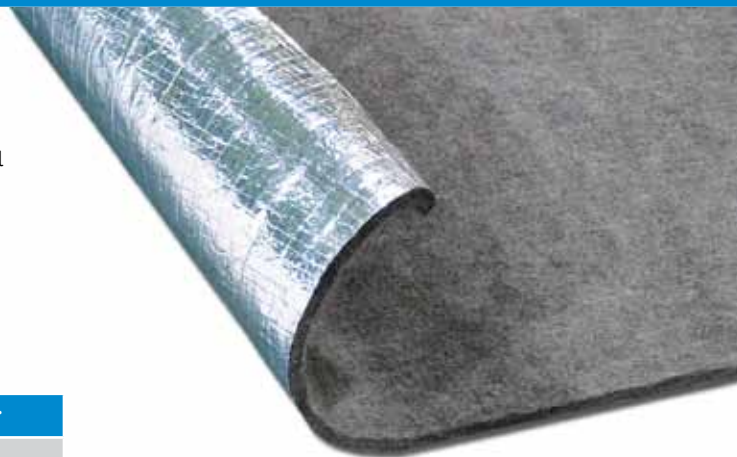
- > Insulate from heat while reducing noise and vibration
- > Self adhesive-peel and stick application
- > Protects paint finishes
- > Resists oil, water and contaminants
- > 3/4" thick
- > Temperature Range 45°F-275°F (7°C-135°C)



DESCRIPTION/SIZE	COLOUR	TEMPERATURE RANGE °C (°F)	THICKNESS	dB REDUCTION	FIXING	PART NO.
32" x 54"	Aluminium Foil Face	7-135 (45-275)	3/4"	3 on average	Self-Adhesive	TD050510

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.



SIZE	FOIL SIDES	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	PART NO.
24" x 48"	One Side	149 (300)	816 (1500)	T14130
48" x 72"	One Side	149 (300)	816 (1500)	T14120
48" x 72"	Two Side	149 (300)	816 (1500)	T14125

HEAT AND SOUND DEADENING

SUPPRESSOR SOUND AND HEAT MAT

The Suppressor is ideal when both sound and radiant heat control is needed. In addition to the polyethylene film, the foil surface provides direct protection from radiant heat up to 2000°F and direct temperatures up to 300°F. The Suppressor is also 2mm in thickness, contains a high temperature adhesive backing, and is easy to trim and fit. Adhesive is SBS rubber-modified asphalt with a softening point of around 230°F. To improve adhesion, use Spray Adhesive as needed. Sticks to most surfaces. Lightweight/easy to handle. Tough and durable – puncture and abrasion resistant.

SIZE	SOUND DEADENING (dB)	THICKNESS (MM)	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
12" x 12"	12-14 dB	2	149 (300)	1093 (2000)	Self-Adhesive	T14600
36" x 24"	12-14 dB	2	149 (300)	1093 (2000)	Self-Adhesive	T14610
36" x 60"	12-14 dB	2	149 (300)	1093 (2000)	Self-Adhesive	T14620
Mat Roller	N/A	N/A	N/A	N/A	N/A	T14800



SUPERSONIC ACOUSTIC MAT

This high quality mat offers superior sound dampening control to reduce road noise, rattles, engine noise, and any other noises that are bothersome. The high density polyethylene film with an aluminium foil composite is abrasion and tear resistant. The gray film provides structural integrity and strength, allowing the material to bend, move, and return to shape even under tension forces.

The product is 2mm in thickness, contains a high temperature adhesive backing, and is easy to trim and fit. The rubberised compound is applied with the high temperature adhesive to absorb all those out of control noises.

DESCRIPTION/ SIZE	SOUND DEADENING (dB)	THICKNESS (MM)	MAX DIRECT TEMP °C (°F)	FIXING	PART NO.
12" x 12" (2 x pc)	12-14 dB	2	149 (300)	Self-Adhesive	T14700
36" x 24"	12-14 dB	2	149 (300)	Self-Adhesive	T14710
36" x 60"	12-14 dB	2	149 (300)	Self-Adhesive	T14720



UNDER CARPET LITE

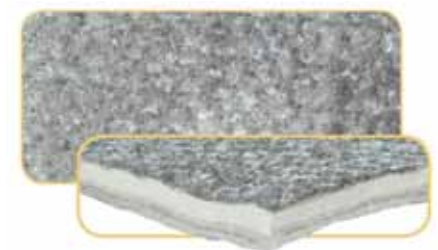
Under Carpet Lite is a superior sound decoupling material for those hard to cover areas like door liners, rear decks, headliners and more. Under Carpet Lite™, (UC Lite™) is a 1/2" thick multi-layer, high tech water proof composite material designed to be extremely flexible and easy to install. UC Lite 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 longstanding value to your investment. The multilayer polyester/fibreglass 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 fire walls, or 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.

FEATURES

- > Multilayered composite material for maximum insulation
- > Light weight
- > Insulates up to 85% of unwanted heat!
- > 1/2" thick
- > Superior noise barrier



DESCRIPTION/ SIZE	SOUND DEADENING (dB)	THICKNESS INCH (MM)	FIXING	PART NO.
24" x 54"	3	1/2" (12.7)	Mechanical or Adhesive Required	TD050110
48" x 54"	3	1/2" (12.7)	Mechanical or Adhesive Required	TD050111
54" x 72"	3	1/2" (12.7)	Mechanical or Adhesive Required	TD050113

HEAT AND SOUND DEADENING

ACOUSTIC FOAM

Agriemach Acoustic Foam is used for internal and external duct linings, thermal/acoustic machine coverings and suspended ceiling absorptive panels. Also used as part of composites combined with an acoustic barrier material for acoustic floor treatments and external lagging products. A general purpose acoustic foam that due to its extended properties is highly adaptable.

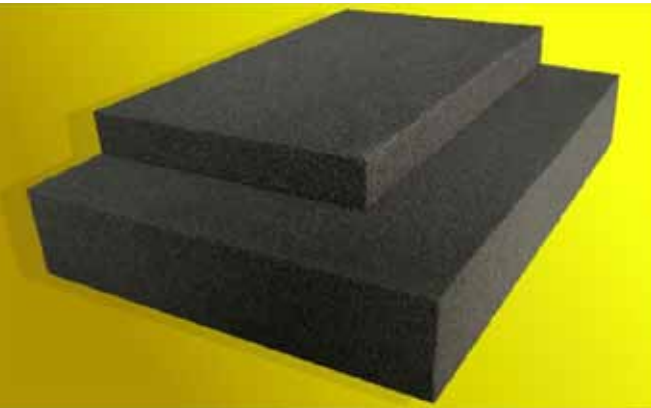
Agriemach Acoustic Foam is fire retardant modified polyurethane acoustic foam designed to meet the stringent requirements of British Building Regulations. Dark grey in colour Agriemach acoustic foam is CFC and HCFC free.

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

Random Incidence Sound Absorption Coefficient as tested in accordance with BS3638: 1987

FEATURES

- > 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



MATERIAL/HZ	125	250	500	1K	2K	4K	NRC
12mm PUNF	0.08	0.14	0.22	0.32	0.40	0.53	0.27
25mm PUNF	0.08	0.20	0.56	0.93	0.84	0.92	0.63
50mm PUNF	0.19	0.49	0.87	0.97	0.97	1.04	0.76

DESCRIPTION/SIZE	THICKNESS (MM)	MAX CONTINUOUS TEMP °C (°F)	FIXING	ELONGATION AT BREAK (MIN UN-AGED)	THERMAL CONDUCTIVITY W/(M.°C) @20°C	PART NO.
2m x 1.2m	6	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-6-2M-SA
2m x 1.2m	9	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-9-2M-SA
2m x 1.2m	12	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-12-2M-SA
2m x 1.2m	15	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-15-2M-SA
2m x 1.2m	20	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-20-2M-SA
2m x 1.2m	25	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-25-2M-SA
2m x 1.2m	30	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-30-2M-SA
2m x 1.2m	45	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-45-2M-SA
2m x 1.2m	50	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-50-2M-SA
2m x 1.2m	100	80 (176)	Self Adhesive	188%	0.053	WI-PUNF-100-2M-SA

ACOUSTIC CURTAIN

ADVANTAGES

- > Weather-proof for outside use
- > Full encapsulated
- > Quilted to prevent delaminating

APPLICATIONS

Suitable for offshore and marine, factory and machinery, fan jackets, ship and boat engine room insulation, compressor and turbine insulation, building site enclosure, external sports areas etc.

DESCRIPTION

Agriemach Acoustic Curtains are manufactured from two quilted mineral wool layers bonded 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.



CUSTOM LENGTH	WIDTH (MM)	FIRE PERFORMANCE	GLASS CLOTH WEIGHT	MINERAL WOOL DENSITY	FIXING OPTIONS	PART NO.
Up to 3 meters	1200	FMVSS 302 Self Extinguishing	550 gm/sq.m	24 Kg/cu.m	Eyelets, Straps, Buckles or Velcro	WI-AC-**

** Length Specified

HEAT AND SOUND DEADENING

PLANTROOM WALL LINING PANELS

APPLICATIONS

Agriemach Plantroom Wall Lining Panels provide an effective means of controlling reverberation time and reflect sound in plant rooms. They have an aesthetically pleasing appearance and are typically suitable for industrial applications such as engine enclosures, test cells and workshops.

DESCRIPTION

Plantroom Wall Lining Panels consist of borosilicate mineral fibres impregnated with a suitable resin binder faced with Type E alkali glass cloth.

ADVANTAGES

- > Excellent sound absorption
- > Light reflective
- > Good thermal insulation
- > Easy to handle, install, and clean
- > Cost effective
- > High quality finish
- > Fire Rated



FREQUENCY/THICKNESS	125	250	500	1K	2K	4K
25mm	0.12	0.52	0.88	0.95	0.82	0.67
50mm	0.30	0.85	1.13	1.03	0.96	0.84
100mm	0.70	1.04	1.11	1.07	0.99	0.89

SHEET SIZE (MM)	THICKNESS (MM)	FIRE PERFORMANCE	FIXING	ACOUSTIC PERFORMANCE	THERMAL CONDUCTIVITY W/(M.°C) @50°C	PART NO.
1500 x 1200	25	Non-Combustable to BS476:Part4 BS476:Part6 & 7 Comply with a Class 0 Surface Spread of Flame	Pins and Button Washes	Tested to BS 3638:1987 (see table above)	0.038	WI-PWL-25
1500 x 1100	50				0.039	WI-PWL-50
1500 x 1000	75				0.04	WI-PWL-75
1500 x 950	100				0.04	WI-PWL-100

THERMAL TAPES

THERMO SHIELD TAPE

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.



SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	MAX RADIANT TEMP °C (°F)	FIXING	PART NO.
1½" x 15ft	Aluminium	149 (300)	1093 (2000)	Self-Adhesive	T14002
2" x 60ft	Aluminium	149 (300)	1093 (2000)	Self-Adhesive	T14002-60

FIRE TAPE

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
- > 36ft x 1" wide roll

SIZE	COLOUR	MAX DIRECT TEMP °C (°F)	FIXING	PART NO.
1" x 36ft	Black	246 (475)	Self Vulcanizing	TD010476

STAINLESS STEEL FASTENING STRAPS

STAINLESS STEEL FASTENING STRAPS

The multipurpose stainless steel Snap Straps are used to secure the Exhaust Insulating Wrap – and more.

The high-temperature stainless steel straps have a narrow profile to fit tight spots, and can be cut to the exact length needed.

Snap Straps secure with easy-to-use slide-through fasteners.

New precut lengths with tough multi-lock system.



LENGTH (INCHES)	STRAPS PER PACK	PART NO.
14"	4	TD010202
18"	6	T13160
9"	12	T13150

KITS	STRAPS PER PACK	TYPE 1	TYPE 2	PART NO.
V6	10	6x – 9" Lengths	4x – 18" Lengths	T13105
V8	12	8x – 9" Lengths	4x – 18" Lengths	T13101

CUT TO ORDER LENGTH M (FT)	THICKNESS (MM)	PART NO.
1 (ft)	7mm	TR1601
25 m	7mm	TR1601-25

FLIP LOCK SCREWS	PART NO.
Singles	TR1603
25 Pack	TR1603-25

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