



New Materials
One-stop thermal
insulation solution





**ONE-STOP THERMAL
INSULATION SOLUTIONS**



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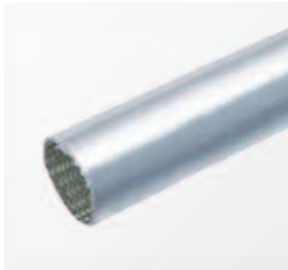
Nylon Sleeve

- 125 °C
- 10mm - 95mm



Nylon Sleeve, Dual Guard

- 125 °C
- 10mm - 95mm



Aluminium Coated Fiberglass Sleeve

- 260 °C
- 5mm - 65mm



Velcro Aluminium Coated Fiberglass Sleeve

- 260 °C
- 15mm - 100mm



Firesleeve, Standard

- 260 °C | 550 °C
- 6mm - 150mm



Firesleeve, Priority

- 260 °C | 550 °C
- 10mm - 50mm



Firesleeve, First

- 260 °C | 550 °C
- 6mm - 150mm



Velcro Firesleeve

- 260 °C | 550 °C
- 10mm - 305mm



Snap Button Firesleeve

- 260 °C | 550 °C
- 10mm - 305mm



Zipper Firesleeve

- 260 °C | 550 °C
- 10mm - 305mm



Electrical Firesleeve

- 260 °C | 550 °C
- 1.5mm - 30mm



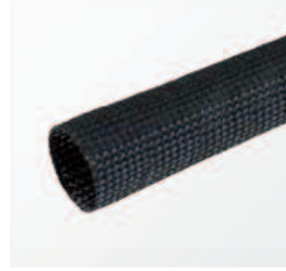
Kevlar Knitted Sleeve

- 350 °C
- 6mm - 102mm



Kevlar Braided Sleeve

- 350 °C
- 10mm - 80mm



Heat Treated Fiberglass Sleeve

- 450 °C
- 1mm - 30mm



Fiberglass Braided Sleeve

- 550 °C
- 10mm - 120mm



Expandable Fiberglass Sleeve

- 550 °C
- 13mm - 89mm



Fiberglass Knitted Sleeve

- 550 °C
- 13mm - 152mm



Carbon Fiber Sleeve

- 650 °C
- 8mm - 80mm



Stainless Steel Fiber Knitted Sleeve

- 650 °C
- 4mm - 120mm



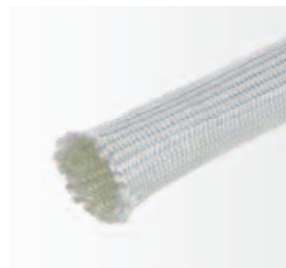
Basalt Fiber Braided Sleeve

- 760 °C
- 5mm - 120mm



Basalt Fiber Knitted Sleeve

- 760 °C
- 25mm - 152mm



Silica Fiber Sleeve

- 1000 °C
- 3mm - 120mm



Ceramic Fiber Sleeve

- 650 °C / 1000 °C
- 10mm - 150mm



Quartz Fiber Sleeve

- 1200 °C
- 1mm - 63mm

FIRESLEEVE

STANDARD



G8 Motori Firesleeve is designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. Made of braided fiberglass yarns in a flexible substrate, it is then coated with high grade silicone rubber. Resistant to hydraulic fluids, lubricating oils, and fuels, G8 Motori Firesleeve insulates against energy loss in piping and hosing, protects employees from burns and allows “bundling” of wires, hoses, and cables. The thick formulation of silicone rubber sheds molten splash, slag, welding splatter, electrical or grinding sparks and contamination. It also provides protection from ozone, UV and abrasion.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11S- **S (** refers to the inner diameter=ID)
MATERIALS	Fiberglass, Silicone Rubber Coating
CONSTRUCTION	Braided
SIZE RANGE	1/4” (6mm) - 6” (150mm)
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. on request
ROLL LENGTH	ID 6mm ~ 75mm: 20 meters / roll; ID 80mm ~ 100mm: 15 meters / roll; ID 105mm ~ 150mm: 10 meters / roll
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity/minimize waste) Pre-cut short length Custom printing
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, OEM, Locomotive, Metals



FIRESLEEVE

PRIORITY



G8 Motori Firesleeve Priority Grade is made of knitted bulk E-glass fiber yarns in a flexible substrate and then coated with upgrade silicone rubber, delivering better thermal insulation performance than G8 Motori's standard fire sleeve. G8 Motori priority firesleeve is designed to protect hoses, wires and cables from the hazards of high heat and occasional flame. Resistant to hydraulic fluids, lubricating oils, and fuels, this firesleeve insulates against energy loss in piping and hosing, protects employees from burns and allows “bundling” of wires, hoses, and cables. The thick formulation of silicone rubber sheds molten splash, slag, welding splatter, electrical or grinding sparks and contamination. It also provides protection from ozone, UV and abrasion.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11S-**P (** refers to the inner diameter=ID)
MATERIALS	Fiberglass, Silicone Rubber Coating
CONSTRUCTION	Texturized and knitted
SIZE RANGE	3/8" (10mm) - 2" (50mm)
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. on request
ROLL LENGTH	20 meters / roll
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity/minimize waste) Pre-cut short length Custom printing
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, OEM, Locomotive, Metals



VELCRO FIRESLEEVE & SNAP BUTTON FIRESLEEVE



G8 Motori Velcro Firesleeve and Snap Button Firesleeve are easy and flexible for installation on the hoses, pipes, wires and cables, especially the non-detachable ones. There is no need to disassemble the hoses or cables when installing them.

Manufactured with high grade Fiberglass, silicone rubber coating and velcro / snap button closure, it is a good choice to protect hoses, pipes, wires and cables from hydraulic fluids, lubricating oils, fuels, etc., protecting employees from burns and allows “bundling” of wires, hoses, and cables, such as EAF cable cover. The thick formulation of silicone rubber sheds molten splash, slag, welding splatter, electrical or grinding sparks and contamination. It also provides protection from ozone, UV and abrasion.

Although Velcro Firesleeve provides excellent protections in most harsh working condition, Snap Button Firesleeve can endure the more demanding of liquid metal splash and heavy welding splatter.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11S-**V (for Velcro closure) / HT11S-**B (for Snap Button closure) (** refers to the inner diameter=ID)
MATERIALS	Fiberglass, Silicone Rubber Coating/Velcro / Snap Button
AVAILABLE CLOSURES	Velcro, Snap Button
SIZE RANGE	3/8" (10mm) - 12" (305mm)
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. on request
ROLL LENGTH	Available in random cut length as per customer's request
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity / minimize waste) Custom printing
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, OEM, Locomotive, Metals

FIBERGLASS BRAIDED SLEEVE

G8 Motori Fiberglass Braided Sleeve is an economic thermal protection and insulation solution for less demanding situations. Made of texturized E-glass fiber yarns, the sleeve is lightweight, flexible and durable, exhibiting excellent dielectric strength and a low thermal conductivity. It is a completely asbestos-free, non-hazardous insulation sleeve. E-glass fiber sleeve will not burn and resists most acids, alkalis, bleaches and solvents in a wide range of applications including protecting industrial hoses, pipes, and cables. The expandable braided construction allows the sleeve to fit the irregular hoses and fittings.

Fiberglass Braided Sleeve can also be coated with binders or other coatings to minimize fray and increase abrasion resistance.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11X- ** (** refers to the inner diameter=ID)
MATERIALS	E-glass fiber
AVAILABLE GRADES	Light Wall - 2mm (1/16") Heavy Wall - 3mm (1/8")
SIZE RANGE	10mm (3/8") - 120mm (4 3/4")
WORKING TEMPERATURE	1020°F (550°C)
COLOR	White
ROLL LENGTH	ID 10mm ~ 80mm: 50 meters /roll; ID >80mm: 25 meters /roll
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity/minimize waste) Pre-cut short length
TYPICAL INDUSTRIES	OEM, Engine Exhaust, Locomotive, Hose Fabrication, Metals

EXPANDABLE FIBERGLASS SLEEVE

G8 Motori Expandable Fiberglass Sleeve is constructed with E-glass fiber yarns and an acrylic saturant coating, providing better abrasion resistant performance. Its excellent flexibility allows the sleeve to expand at least 25% of its nominal size to accommodate installation over fittings, couplings and other in-line obstructions that inhibit standard sleeves. It offers good heat protection at higher continuous temperature than firesleeve.

It can be used in light molten splash applications, but is not recommended for extreme molten splash applications.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11A- ** (** refers to the inner diameter=ID)
MATERIALS	E-glass fiber coated with an acrylic saturant
CONSTRUCTION	Braided
SIZE RANGE	Nominal ID.: 5/8" (16mm), covers 1/2" – 3/4" (13mm – 19mm) Nominal ID.: 7/8" (22mm), covers 3/4" – 1 1/8" (19mm – 29mm) Nominal ID.: 1 3/8" (35mm), covers 1 1/8" – 1 3/4" (29mm – 44mm) Nominal ID.: 2 3/4" (70mm), covers 1 3/4" – 3 1/2" (44mm – 89mm)
WORKING TEMPERATURE	Continuous working at 1020°F (550°C), peaks at 1200°F (650°C) Saturant: 400°F (205°C)
COLOR	Tan
ROLL LENGTH	Available in random cut length as per customer's request
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity/minimize waste)
TYPICAL INDUSTRIES	OEM, Engine Exhaust, Locomotive, Hose Fabrication, Metals, etc.



SILICA FIBER SLEEVE

G8 Motori Silica Fiber Sleeve protects hose, cables, tubes and wires from hazards of extreme high heat, flame and molten splashes.

Braided from pure silica fiber (SiO_2 content $\geq 96\%$), it is able to withstand continuous use at 1832°F(1000°C) and short-term exposure up to 3000°F(1650°C), while remains minimum lineal shrinkage under extreme heat conditions.

Resistant to common chemicals and solvents, this silica fiber sleeve can be cut easily with scissors and expands to allow effortless installation. It is ideal for protection of delicate components and personnel from exposure to high temperature exhaust systems and pipes.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT31-** (** refers to the inner diameter=ID)
MATERIALS	Pure silica fiber (SiO_2 content $\geq 96\%$)
CONSTRUCTION	Braided
SIZE RANGE	Nominal ID: 1/8" (3mm) - 4 3/4" (120mm)
WORKING TEMPERATURE	Continuous working at 1832°F(1000°C), peaks at 3000°F (1650°C)
COLOR	Nature
ROLL LENGTH	30.5 meters / roll
AVAILABLE OPTIONS	Special bulk packaging (maximize productivity/minimize waste) Pre-cut short length
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, Iron & Steel, Glass, Vehicles, etc.

ALUMINIUM COATED FIBERGLASS SLEEVE

G8 Motori Aluminium coated Fiberglass Sleeve is constructed from a high-temperature fine braided fiberglass sleeve, which is then coated with highly-reflective aluminium foil. The sleeve reflects more than 90% of the radiant heat that hits its surface, keeping the underlying cables, hoses and wires cool. The aluminium layer will not delaminate from the fiberglass substrate, even under the most extreme heat conditions.

It is the perfect option for protecting cables and hoses against radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds. It is available with Velcro closure.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT11L- ** (** refers to the inner diameter=ID)
MATERIALS	E-glass fiber, Aluminium Foil
CONSTRUCTION	Braided
SIZE RANGE	3/16"(5mm) - 2 1/2"(65mm)
WORKING TEMPERATURE	500°F~1020°F (260°C~550°C)
COLOR	Silvery
STANDARD LENGTH	1 meter / piece
AVAILABLE OPTIONS	Velcro closure
TYPICAL INDUSTRIES	Vehicles, Industries, Ship, etc.

NYLON SLEEVE



G8 Motori nylon sleeve is braided by the high tenacity multi-filament nylon yarn which has excellent abrasion resistance, UV resistance, chemical resistance, and dust proof. It is an economical yet durable solution to protect hoses for a longer life, particularly under severe abrasion and degradation conditions, and offers limited burst and containment protection to your employees and asset at the same time.

This smooth nylon sleeve can be easily installed over hoses, chains or cables, and then secured with nylon cable ties or band-clamps. It'd be better to heat the cut edges of the sleeve. Velcro closure is available for undetachable hoses.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT21-** (** refers to the inner diameter=ID)
MATERIALS	Nylon
CONSTRUCTION	Braided
SIZE RANGE	3/8"(10mm) - 3 3/4"(95mm)
WORKING TEMPERATURE	-40°F~257°F (-40°C~125°C)
COLOR	Black
ROLL LENGTH	50 meters / roll
AVAILABLE OPTIONS	Velcro closure
TYPICAL INDUSTRIES	Hydraulic hoses, cables, tubing or pipes, etc.



Silicone Rubber Self-Fusing Tape

- 260°C
- 25/38/50/100mm



Silicone Coated Fiberglass Tape

- 260°C | 550°C
- 25/50/76/102/127mm



Aluminium Coated Fiberglass Self-Adhesive Tape

- 130°C ~260°C
- 25/50/75/100mm



Aluminium Coated Fiberglass Tape

- 260°C
- 25/50/75/100mm



Fiberglass Tape

- 550°C
- 25/50/75/100mm



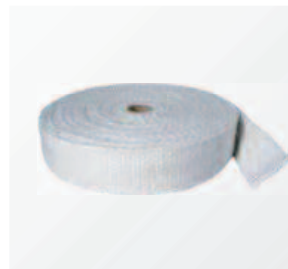
Fiberglass Tape, Dyed

- 550°C
- 25/50/75/100mm



Stainless Steel Fiber Tape

- 650°C
- 4mm~500mm



Ceramic Fiber Tape
(Fiberglass reinforced)

- 650°C
- 50/75/100mm



Basalt Fiber Tape

- 760°C
- 25/50/75/100mm



Ceramic Fiber Tape
(Stainless steel reinforced)

- 1000°C
- 50/75/100mm



Silica Fiber Tape

- 1000°C
- 50/100mm



Silica Fiber Self-Adhesive Tape

- 1000°C
- 25/51/76/102mm

SILICONE RUBBER SELF-FUSING TAPE

G8 Motori Silicone Rubber Self-fusing Tape is a non-adhesive yet self bonding to itself and other silicone rubber sleeve and tape. It withstands high temperature, occasional flame and molten splashes, and exhibits stable chemical properties with resistance to fuel, oil, water, acids, and many other solvents. It's typically used as an end wrap tape for firesleeve, preventing hydraulic oils and contaminants leaking into the inside with better thermal insulation.

When wrapped in a ring or spiral pattern under tension (stretched by app. 250%), the tape can fuse to itself over time, no need to use heat or chemical sprays to set it. It's easy to remove and leaves no sticky residue behind.



► CHARACTERISTICS

MATERIALS	Silicone rubber
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Black, Red, Blue, White, Grey, Clear
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, OEM, Locomotive, Metals, Glass, etc.

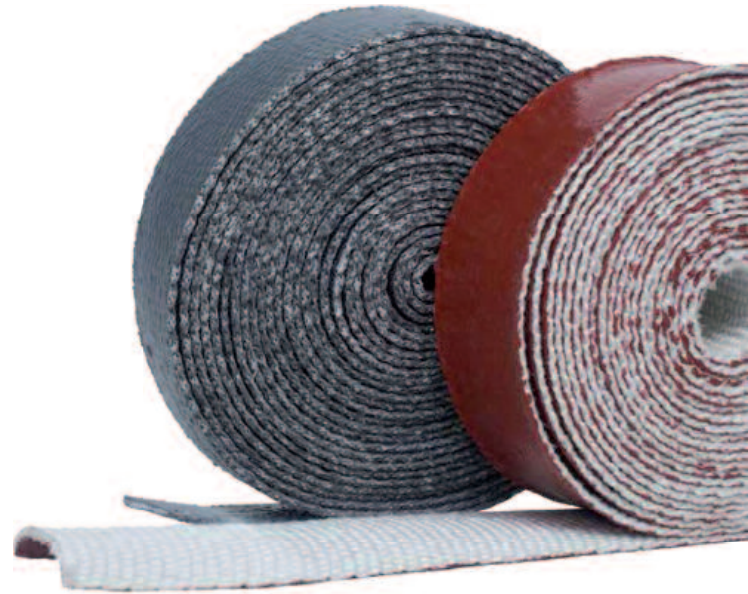
► SPECIFICATION

G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)
HT73-25	0.50, 0.70, 1.00	25	3, 5, 10, 20
HT73-38	0.50, 0.70, 1.00	38	3, 5, 10, 20
HT73-50	0.50, 0.70, 1.00	50	3, 5, 10, 20
HT73-100	0.50, 0.70, 1.00	100	3, 5, 10

SILICONE COATED FIBERGLASS TAPE

G8 Motori Silicone Coated Fiberglass Tape, made of bulk fiberglass tape with silicone rubber coating, can protect hoses, wires and cables from the hazards of high temperature and occasional flame.

When exposed to flame, the silicone rubber coating transforms to a crust, creating a protective SiO² refractory layer. The tape is usually used to wrap complex shapes or varied dimension tapered pipes. Typically, the tape is overlapped by 50% when winding. Also, it can be installed in situations where tubular firesleeve cannot be used, and when hoses, wires and cables cannot be disconnected for sleeving.



► CHARACTERISTICS

MATERIALS	Fiberglass, Silicone Rubber Coating
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. on request
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, OEM, Locomotive, Metals, Glass, etc.

► SPECIFICATION

G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)
HT13S-25	3	25	30
HT13S-50	3	50	30
HT13S-76	3	76	30
HT13S-102	3	102	30
HT13S-127	3	127	30

SILICA FIBER SELF-ADHESIVE TAPE

G8 Motori Silica Fiber Self-Adhesive Tape offers easy and quick spiral wrap to pipes, hoses, or cables, providing protection against extreme heat, flame and molten metal splashes. Made of pure Silica fiber yarn (SiO_2 content $\geq 96\%$) coated with pressure sensitive adhesive backing on one side, it's suitable for continuous use at $1832^\circ\text{F}(1000^\circ\text{C})$ and short-term exposure up to $3000^\circ\text{F}(1650^\circ\text{C})$.

This silica tape exhibits excellent flexibility, high tensile strength and minimal lineal shrinkage under extreme heat conditions. The self-adhesive backing accelerates easy and convenient installation, and it will decompose when heated at elevated temperatures, leaving perfect spirally wrapped pipes, hoses, or cables.



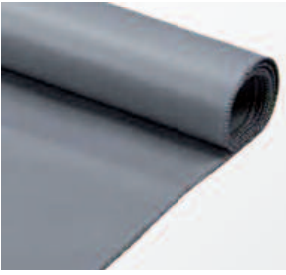
► CHARACTERISTICS

MATERIALS	Pure silica fiber (SiO_2 content $\geq 96\%$), pressure sensitive adhesive
WORKING TEMPERATURE	Continuous working at $1832^\circ\text{F}(1000^\circ\text{C})$, peaks at $3000^\circ\text{F}(1650^\circ\text{C})$
COLOR	Nature
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, Iron & Steel, Glass, Vehicles, etc.

► SPECIFICATION

G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)
HT33B-25	0.76, 1.52	25	10
HT33B-51	0.76, 1.52	51	10
HT33B-76	0.76, 1.52	76	10
HT33B-102	0.76, 1.52	102	10

* Other sizes can be customized upon request.



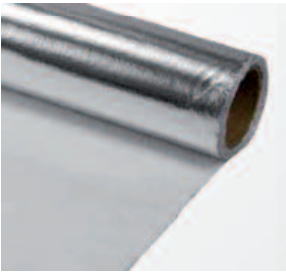
Silicone Coated Fiberglass Fabric
(Coating on both sides)

- 260°C
- 0.26mm - 2.0mm



Silicone Coated Fiberglass Fabric
(Coating on one side)

- 260°C | 550°C
- 0.5 mm - 3.0mm



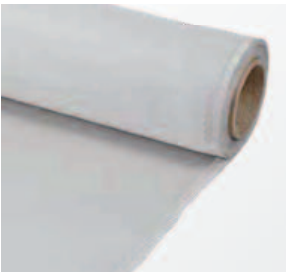
Aluminium Coated Fiberglass Fabric

- 260°C
- 0.2mm -2.0mm



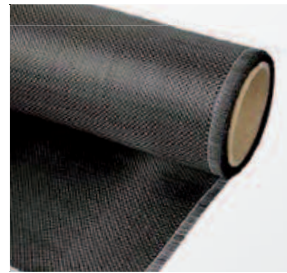
Texturized Fiberglass Fabric

- 550°C
- 0.8mm - 3.0mm



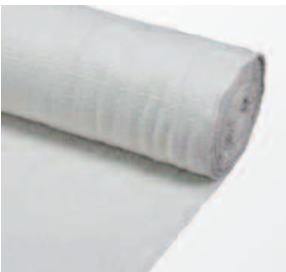
Fiberglass Fabric

- 550°C
- 0.2mm -1.5mm



Carbon Fiber Fabric

- 650°C
- 0.2mm - 0.9mm



Ceramic Fiber Fabric

- 650°C / 1000°C
- 1.5mm - 3.0mm



Basalt Fiber Fabric

- 760°C
- 0.2mm - 0.9mm



Silica Fiber Fabric

- 1000°C
- 0.26mm -1.35mm



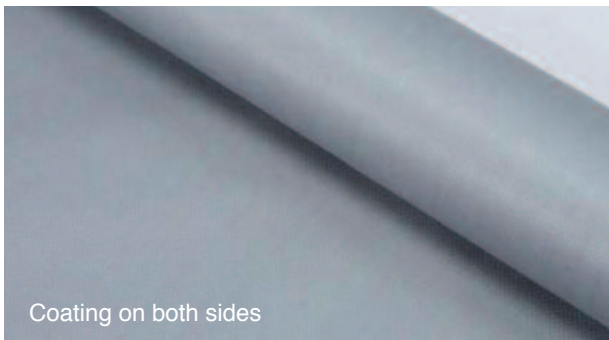
Vermiculite Coated Silica Fiber Fabric

- 1200°C
- 0.7mm -1.3mm

SILICONE COATED FIBERGLASS FABRIC

G8 Motori Silicone Coated Fiberglass Fabric is designed to provide shielding for employees, as well as protection for equipment, hoses and other critical components, while reducing heat energy losses.

Made of a woven fiberglass substrate with silicone rubber coating on one or both sides, this fire fabric delivers excellent protection against spark, high heat, occasional flame and molten metal splashes. It's widely used in the fabrication of insulation curtains & jackets. Besides standard roll, it can also be supplied with different lengths, sizes, shapes, upon request from customers.



► CHARACTERISTICS

MATERIALS	Fiberglass, Silicone Rubber Coating
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Standard: Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. on request
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, Iron & Steel, Glass, Vehicles, etc.

► SPECIFICATION

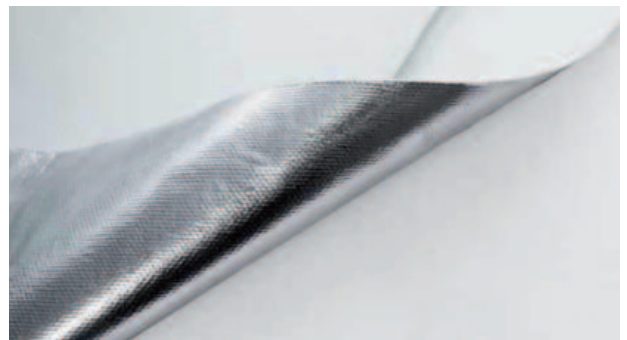
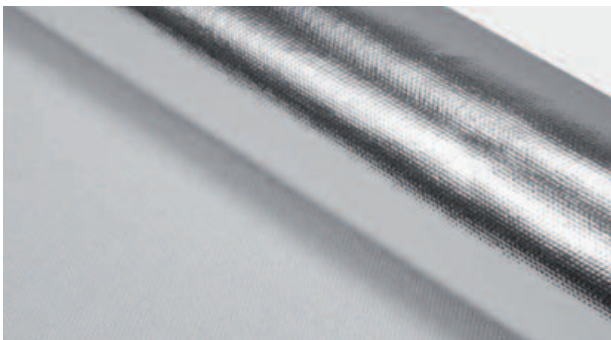
COATING	G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)	UNIT WEIGHT (G/M ²)
Both Sides Coating	HT12S-050	0.5	1000	50	600
	HT12S-060	0.6	1000	50	860
	HT12S-080	0.8	1000	50	1020
One Side Coating	HT12S-050	0.5	1000	50	520
	HT12S-100	1	1000	50	1650
	HT12S-200	2	1000	50	3000
	HT12S-300	3	1000	30	3800

* Other thickness is available upon request.

ALUMINIUM COATED FIBERGLASS FABRIC

G8 Motori Aluminium coated fiberglass fabric is made of a fiberglass fabric substrate then bonded with high heat reflective aluminium foil. It reflects at least 90% of radiant heat energy, and is an excellent choice for the protection of industrial wires, cables, hoses, pipes, tubes and equipment which are in close proximity to intense radiant heat sources, such as super-hot metal slabs, liquid and molten metal or glass, open flame, engine exhaust manifolds, etc.

The aluminium layer will not delaminate from the base fiberglass fabric, even under the most extreme heat conditions. With extremely durable construction, it can meet the most demanding requirements for water and oil resistance, abrasion resistance and tensile strength.



► CHARACTERISTICS

MATERIALS	Fiberglass, Aluminium Foil
WORKING TEMPERATURE	500°F~1020°F (260°C~550°C)
COLOR	Silvery
TYPICAL INDUSTRIES	Hose Fabrication, OEM, Vehicle, Metals, Glass, etc.

► SPECIFICATION

G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)	UNIT WEIGHT (G/M ²)
HT12L-020	0.20	1000	50	260
HT12L-050	0.50	1000	50	420
HT12L-076	0.76	1000	50	600
HT12L-100	1.00	1000	50	860
HT12L-150	1.50	1000	50	1050
HT12L-200	2.00	1000	50	1330

* Other thickness and width are available upon request.



SILICA FIBER FABRIC

G8 Motori Silica Fiber Fabric, a type of fireproof cloth made of pure silica fiber (SiO_2 content $\geq 96\%$), is able to withstand extreme heat, occasional flame, and molten metal / glass splashes. This high silica fabric also exhibits excellent flexibility, high strength and stable chemical properties.

Combined with other thermal materials, it's usually made into thermal barriers to prevent surrounding equipment from overheating and significantly reduce energy losses in the process, such as welding / fire blanket, insulation jacket & sealing etc. It also can be treated with heat, impregnation or coating for lower shrinkage or higher abrasion resistance, etc. upon request from customers.



► CHARACTERISTICS

MATERIALS	Pure silica fiber (SiO_2 content $\geq 96\%$)
WORKING TEMPERATURE	Continuous working at 1832°F (1000°C), peaks at 3000°F (1650°C)
COLOR	Beige
TYPICAL INDUSTRIES	Hose Fabrication, Oil & Gas, Iron & Steel, Glass, Vehicles, etc.

► SPECIFICATION

G8 MOTORI PART NO#	THICKNESS (MM)	WIDTH (MM)	ROLL LENGTH (M)	UNIT WEIGHT (G/M ²)
HT32-065	0.65	1000	50	680
HT32-100	1.00	1000	50	880
HT32-135	1.35	1000	50	1150

* Other thickness is available upon request.



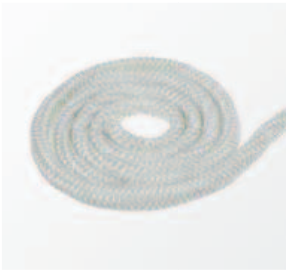
Silicone Coated Fiberglass Rope
(Round)

- 260°C
- 4mm-50mm



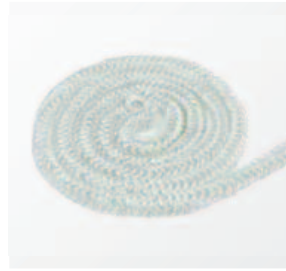
Silicone Coated Fiberglass Rope
(Square)

- 260°C
- 4x4mm- 50x50mm



Fiberglass Rope
(Round)

- 550°C
- 4mm-50mm



Fiberglass Rope
(Square)

- 550°C
- 4x4mm- 50x50mm



Ceramic Fiber Rope
(Round)

- 650°C /1000°C
- 3mm-60mm



Ceramic Fiber Rope
(Square)

- 650°C /1000°C
- 4x4mm- 50x50mm



Basalt Fiber Rope
(Round)

- 760°C
- 3mm-60mm



Basalt Fiber Rope
(Square)

- 760°C
- 4x4mm- 50x50mm



Silica Fiber Rope
(Round)

- 1000°C
- 3mm-60mm



Silica Fiber Rope
(Square)

- 1000°C
- 4x4mm- 50x50mm

SILICONE COATED FIBERGLASS ROPE

G8 Motori Silicone Coated Fiberglass Rope insulates and seals against heat as high temperature rope for gasketing. Braided by E-glass fiber with heavy silicone rubber coating, the rope is able to withstand oil, moisture, molten splash or flame, widely used as gasket / seal for boilers, ovens, and stoves as well as high-temperature industrial packing and expansion joints. It can be made into either round or square shape.

G8 Motori Silicone Coated Fiberglass Rope can also be fabricated into a closed ring, which is ideal for gasketing and sealing for ovens, stoves and other similar appliances.



► CHARACTERISTICS

G8 MOTORI PART NO#	HT14S-** (for round shape) / HT15S-** (for square shape) (* ** refers to section diameter/thickness)
MATERIALS	E-glass fiber, Silicone Rubber Coating
CONSTRUCTION	Braided
SIZE RANGE	Diameter/thickness: 1/6" (4mm) - 2" (50mm)
WORKING TEMPERATURE	Continuous working at 500°F (260°C), peaks at 3000°F (1650°C)
COLOR OPTIONS	Iron Oxide Red; Others: Blue, Black, Yellow, Grey, etc. upon request
ROLL LENGTH	Available in random cut length as per customer's request
SHAPE OPTIONS	Round or Square
TYPICAL INDUSTRIES	Oil & Gas, Iron & Steel, Glass, Oven, Furnace, etc.

G8 MOTORI® INSULATION SHIELDS

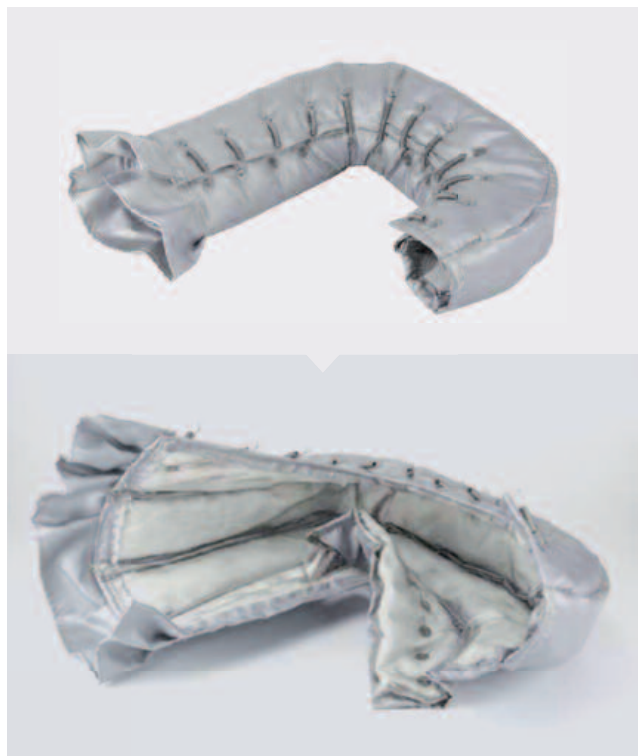
G8 Motori Insulation Shields offers custom fabricated removable and reusable insulation jackets, blankets or pads designed for specific equipment and hoses which require extra heat or molten splash protection while conserve energy.

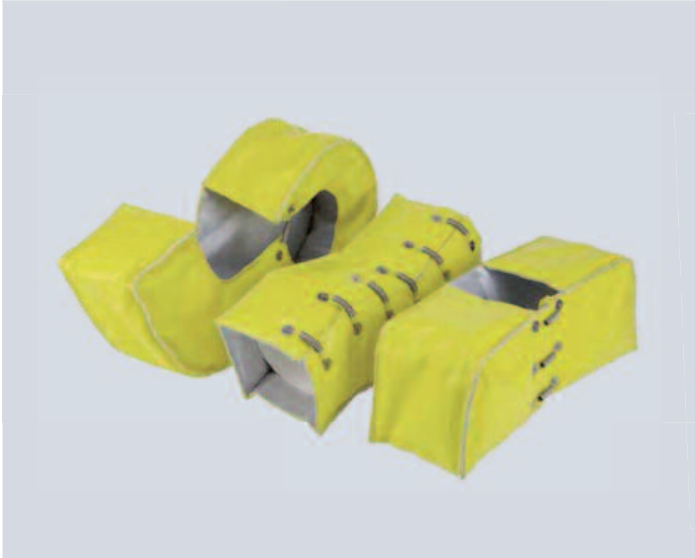
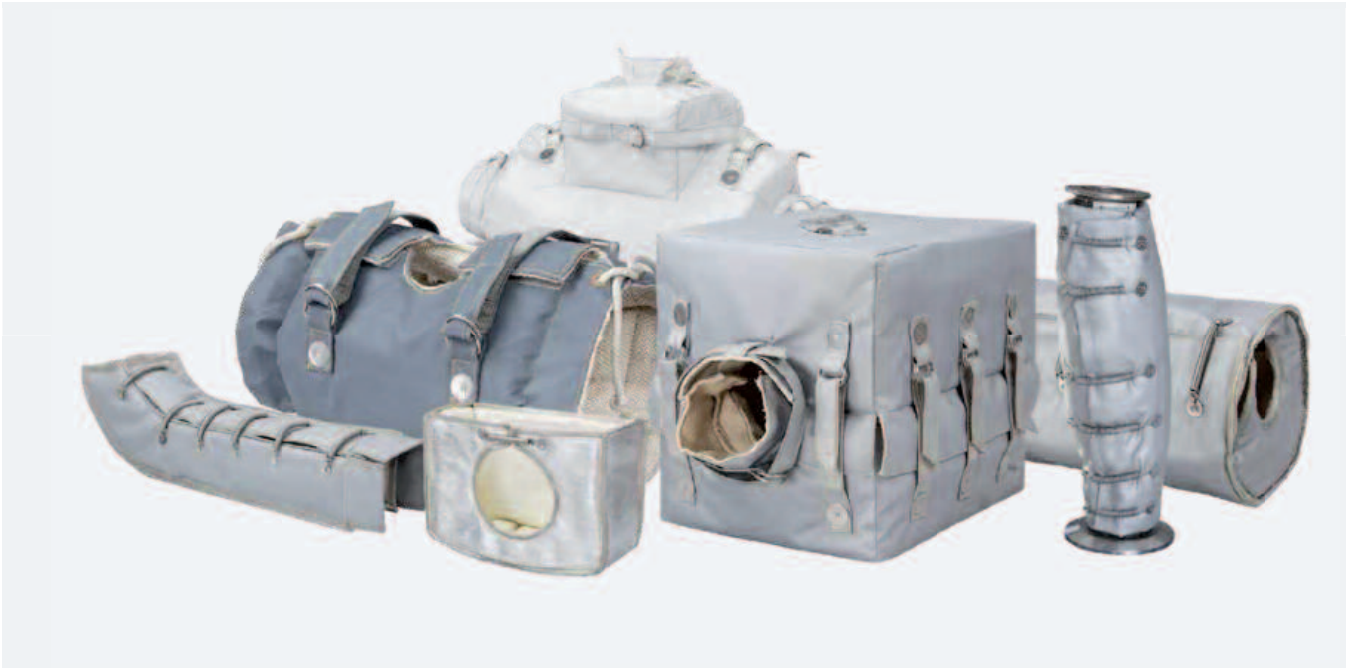
It's typically combined by G8 Motori silicone or aluminium coated fiberglass fabric and internal insulation materials (such as aerogel / fiberglass / silica / ceramic mat and stainless steel mesh, etc.) to create custom removable insulation covers for the most demanding environments, able to achieve heat resistance up to 1650°C.

G8 Motori always uses Non-Asbestos materials, which is completely healthy and pollution-free.

With more than 10 years' experience, G8 Motori Insulation Shields provides reasonable structure design for easy installation and disassembly, while maintains strong applicability and repeatable use.

We offer different closure types or their combination to secure the fastening performance for different applications, such as Velcro, Snap Button, Zipper Braze, D Ring, Steel wire or spring, etc.





INSULATION SHIELDS

Acoustic Insulation



Ventilation System

Heat Conservation



Catalyst Machine



Heater



Tire Curling Machine

Protection from Inner Hazardous Heat



Marine Exhaust Pipe



Plastic Injection Machine



Turbine Cover

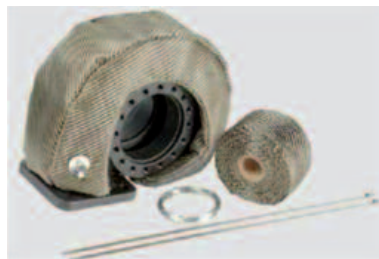


Gas Generator Set

Protection from Outer Hazardous Heat



Robotic Cover



Turbo Jacket



Cylinder Bellows

Optional insulation materials stuffed inside:

MATERIALS				
FIBERGLASS NEEDED MAT	Fiberglass Needed Mat	Basalt Fiber Needed Mat	Silica Fiber Needed Mat	Aerogel Mat
THICKNESS	3mm-25mm	0.6mm-10 mm	6mm-24mm	3mm-10mm
UNIT WEIGHT	150g/m ³	130g/m ³	140g/m ³	210g/m ³
CONTINUOUS WORKING TEMP.	550°C	700°C	1000°C	650°C
THERMAL CONDUCTIVITY	0.03-0.035 (W/mK)	0.035-0.040 (W/mK)	0.055 (W/mK)	0.020-0.025(W/mK)

General conditions of sale

ORDERS AND CONFIRMATIONS

All orders must be placed in writing by fax, mail or e-mail. The actual order's date is the one on which the order is received and not the one shown on the order itself. Upon receipt of an order, an order's confirmation, which includes all terms and details of our quoted prices, will be issued and sent to our customers for verification and acceptance purposes. Orders' confirmations are to be filled out in writing by signing one's name in the "firma per accettazione" box and are then to be sent back to G8 Motori. Orders are then considered confirmed for all practical purposes and are passed on to our production line. If no further communication is received by us within 48 hours from the time we receive an order's confirmation, it will be understood that the confirmation was tacitly accepted in its entirety.

SHIPMENTS AND DELIVERY DATES

Deliveries are made approximately three (3) weeks after an order's confirmation and acceptance. We will consider and try to meet any special requirements our customers may have depending on production needs. Customers will not be entitled to compensation for damages nor to cancellation of any existing orders in case of delays due to circumstances beyond our control. Goods' deliveries are always to be paid for by the consignee but may be delivered, on request, at the consignor's expense (in which case the consignee will be billed for them later).

PRICES

All quoted prices are in Euros. Prices can be changed at any time without notice should any costs increase. Prices do not include VAT, bank charges and any other tax increases.

PAYMENTS

Payments are to be made through bank receipts within sixty (60) days from the invoice date, unless special arrangements have been made with G8 Motori. Should payments be irregular or late, G8 Motori reserves the right to enforce European directive 2000/35/CE in the matter of payments and will stop all supplies until the overdue credit is collected. Payments made by check or by bill are regarded as subject to collection.

WARRANTY

All products in our catalog come with a 2-year basic warranty beginning from their manufacture date (which is shown on each product bearing the "G8 Motori" trademark, or any other trademark). A 5-year warranty, beginning from their manufacture date, applies only to motor reducers featuring electronic limit switches bearing the "G8 Motori" label.

WARRANTY APPLICATION

Warranty covers construction defects and is limited to repairs or replacements of faulty parts, without any other compensation whatsoever or warranty extensions. G8 Motori will not accept any returns unless they have previously been authorized through our RMA (return merchandise authorization) process, which can be requested from our sales department. Replaced parts under warranty remain the property of G8 Motori. All shipping charges, even for goods under warranty that have been repaired, are to be paid for by consignees both when goods are received and when they are shipped back to them. Warranty only applies to G8 Motori products and not to any projects or systems where they are being used. G8 Motori is under no obligation to carry out repairs anywhere our products are being used, but exclusively at our factory.

WARRANTY LIMITS

Our warranty does not cover defects resulting from:

normal wear and tear, shipments, incorrect installation or failure to observe circuit diagrams and assembly directions, any usage not conforming to specifications (meaning any usage other than the one for which a product was designed), and, in general, storage, usage or environmental conditions (atmospheric, chemical, electrical conditions, etc.) which are unsuitable or not provided for when the order was originally placed. Should our products be tampered with, or should they be used in ways or with any electrical or mechanical accessories which were not approved by our engineering department, our warranty will immediately become void. G8 Motori assumes no responsibility for direct or indirect damages caused to any persons or things resulting from any incorrect mechanical or electrical installation (by "incorrect installation" is meant any installation not conforming to the instructions found in the owner's handbook). Any expenses resulting from disassembly of products under warranty shall in no case be considered.

USAGE AND INSTALLATION OF OUR PRODUCTS

All necessary precautions must be taken to ensure the proper installation and operation of our motors and products. Workloads for which motors were designed and built, protection class (IP 44) shown on product's label, and all assembly and installation warnings and limitations listed in the product's instructions must be observed. G8 Motori's motors and automated equipment were designed and manufactured to be used with solar protection products (such as shutters, awnings, screens, etc.) which are not subject to intensive usage. Such products are always to be installed according to CEI electrical regulations and to other current specific regulations. Third parties buying G8 Motori products shall accept all warranty terms provided for by G8 Motori. Any third-party liabilities on G8 Motori's part shall in no case exceed those towards the original owner(s).

REPAIRS

Repairs are made within four (4) weeks from the time we receive goods in our warehouse. If customers wish to get an estimate of repair charges, they need to say so when requesting a "richiesta di autorizzazione al reso" (RMA, or "return merchandise authorization"). G8 Motori will not accept any complaints or claims about repair charges that are made after the repairs have already been made. G8 Motori will evaluate each case according to the age and the extent of faultiness of products and according to whether or not repairs are expedient. Should products be deemed irreparable, they will be returned to customers (even when products do not appear to be faulty and are thus checked and tested or deemed irreparable). All packing and shipping expenses will be charged to customers, both when receiving goods and when shipping them back to customers.

PACKING

Consignees must inspect goods' conditions upon delivery and must file any complaints with the carrier by filling out the enclosed documents. Goods are always shipped at the consignees' own risk even when shipping charges are paid for by the consignees.

INSPECTIONS AND CLAIMS

Consignees must inspect goods upon receiving them. Inspections should be thorough and should include the condition, weight, quantity and kind of product supplied. No claim shall be allowed or considered ten (10) days after goods have been delivered. Any dispute will fall solely within the jurisdiction of the Vicenza (Italy) court.



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