



Beijing . Great Pack

Company Profile

Beijing Great Pack Co., Ltd is located in the "Beijing ape-man" site --- Fangshan of China, so Fangshan is "the hometown of dragon" the Chinese civilization, Fangshan area the dominant position is prominent, the Western Hills in Beijing, where is Beijing southwest door, renowned in the "building materials" "the township building" the coal town village. "" "fruit of the township" and "tourist destination". The main products: high temperature resistant sleeves, fire sleeves, fire resistant casing, heat resistant sleeve, fireproof casing. Here, aviation, railway transportation is very convenient, be apart from downtown 20 kilometers, from Beijing west station 15 minutes drive away from Tianjin, 120 kilometers to the Tanggu harbor.

Companies adhere to the quality as the center, take the customer satisfaction as the eternal pursuit. The company is equipped with advanced detection equipment, set up a dedicated R & D department, the quality of implementation of the whole process control, and the full implementation of ISO quality system demonstration standard of a series. At present the company's main products have passed SGS environmental protection materials certification as well as the United States UL Electrical Certification and other related quality certification.

Great Pack brand high temperature resistant sleeves, high temperature sleeve, fire resistant casing, heat resistant sleeve, fireproof sleeve is widely applied in the metal smelting, power, chemical industry, shipbuilding, paper and other high-temperature industry, high temperature cable and pipeline industry excellent protective material. Environmentally friendly energy-saving products, is a good substitute for asbestos products.

The company's main products are: carbon fiber high temperature insulation fireproof sleeve, special insulation material, special glass fiber insulation materials, special fire protection products, products are widely used in aerospace, metallurgical, power, petrochemical, chemical, oil and gas, natural mineral products, industrial automation, mechanical and other fields and received wide acclaim at the same time, Great Pack products are also exported to Europe and America, the Middle East, Japan and South Korea, Southeast Asia, more than 20 countries and regions.

Great Pack brand fire resistant sleeves is China's most trusted brands in steel castings, and we have supplied nearly 80 iron and steel enterprises for fire resistant cable in protection pipe, nearly 300 nationwide distributors, Great Pack materials Limited will be happy with customers to build loyal customers cooperation, high quality and good after sale service, preferential prices for the majority of customer service.



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Corporate Culture

99% of our efforts, only for your 1% satisfaction!



Corporate vision:

We adopt a positive, caring, innovative spirit, to provide high quality and exceed customer expectations of service, committed to become one of the most trusted modern packaging materials company.

Enterprise purpose:

In good faith for survival, service and development, seeking to technology management, to win credibility, to win market quality.

Spirit of enterprise:

Service first, people-oriented.

Service code:

1. We must adhere to the standards of service: accurate, convenient, active, friendly.
2. Always from the customer's position to consider.
3. Pay attention to detail, doing the simple things.
- 4 .Keep every promise, and continuously exceed customer expectations.

99% of our efforts, only for your 1% satisfaction!



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- GWH-L Fire blanket
- GWH-M Aluminized fireproof suit

GWH-A-A Fire sleeve

Description:

Fire Sleeve is ideal for protecting against high under bonnet temperatures which makes it perfect for use on hoses, wiring, oil and fuel lines. The Sleeve is made from woven insulated glass fibre braided sleeve that is heavily coated with 100% iron oxide silicone rubber.

The Sleeve can withstand up to 1650° C ambient heat and 560° C of direct continuous heat which makes it perfect for insulating wires, oil and fuel lines from under bonnet heat.

Size: The Sleeve diameter used can be same size as the hose that it will fit. For example if the hose is 10mm outside diameter use a 10mm inside diameter fire sleeve. The sleeve is flexible, it can give some slack in the Sleeve to allow it to be bent and installed/removed easily.

Key features:

- Oil And Water Resistant
- Can Be Shaped To Fit The Tightest Bends
- Includes Fire Tape To Seal Sleeve Ends
- Glass Fiber Sleeve With Silicone Rubber Coating
- Perfect For Insulating Wires, Oil & Fuel Lines
- Protects Against Dirt And Road Grime
- Withstands Up To 1650° C Ambient Heat
- Withstands 560° C Of Direct Continuous Heat

Specification:

Inside dia. (mm)	Inside dia. (inch)	wall thickness (mm)	Tolerance (mm)	roll length (m)	ext size (cm)	No./cm	G.W. (kg)
Φ6	1/4	1.5	±0.15	50	47*47*10	100	7.2
Φ8	5/16	1.5	±0.15	50	47*47*10	100	8.5
Φ10	3/8	2	±0.20	25	47*47*10	100	11.5
Φ11	7/16	2	±0.20	25	47*47*10	100	12
Φ13	1/2	2	±0.20	25	47*47*10	100	12.5
Φ16	5/8	2	±0.20	25	47*47*10	50	11
Φ19	3/4	2	±0.20	25	47*47*10	50	14
Φ22	7/8	2	±0.20	25	47*47*10	50	15
Φ25	1	2	±0.30	25	47*47*10	50	16.5
Φ29	1 1/8	2	±0.30	25	47*47*10	50	20
Φ32	1 1/4	2	±0.30	25	47*47*10	50	22
Φ35	1 3/8	3	±0.30	25	47*47*15	50	24.5
Φ38	1 1/2	3	±0.30	25	47*47*15	50	26
Φ40	1 3/5	3	±0.30	25	47*47*15	50	28
Φ41	1 5/8	3	±0.30	25	47*47*15	50	28.5
Φ45	1 3/4	3	±0.30	25	47*47*15	50	34.3
Φ48	1 7/8	3	±0.30	25	47*47*15	50	35
Φ51	2	3	±0.35	25	52*52*20	50	36
Φ55	2 1/5	3.5	±0.35	50	52*52*20	50	38
Φ57	2 1/4	3.5	±0.35	50	52*52*20	50	38.8
Φ60	2 3/8	3.5	±0.35	20	52*52*20	20	20.2
Φ64	2 1/2	3.5	±0.35	20	52*52*20	20	21.5
Φ65	2 3/5	3.5	±0.35	20	52*52*20	20	21.8
Φ70	2 3/4	3.5	±0.40	20	52*52*20	20	23.5
Φ76	3	4	±0.40	20	52*52*20	20	25.8
Φ80	3 1/5	4	±0.40	20	52*52*20	20	28
Φ83	3 1/4	4	±0.40	20	52*52*20	20	28.5
Φ85	3 3/8	4	±0.40	20	52*52*20	20	30.5
Φ89	3 1/2	4	±0.50	20	52*52*20	20	32.2
Φ90	3 9/16	4	±0.50	20	52*52*20	20	33
Φ95	3 3/4	4	±0.50	20	52*52*20	20	34
Φ102	4	5	±0.50	10	52*52*20	10	18.5
Φ110	4 1/3	5	±0.50	10	54*54*20	10	20
Φ114	4 1/2	5	±0.50	10	54*54*20	10	22
Φ120	4 4/5	5	±0.50	10	54*54*20	10	24
Φ127	5	5	±0.60	10	54*54*20	10	26.8



GWH-A-B Fire sleeve VCO

Description:

Using high temperature glass fiber thread, Fire Wrap 3000 is flame resistant with a hook-and-loop Velcro edge closure design that is sewn internally for a simple and easy installation. Fire Wrap 3000 withstands repeated exposures up to 1650° C and 560° C of direct continuous heat providing an excellent insulation barrier as well as protection against burns while working around engine bays.

Key features:

Hook-and-loop Velcro edge for easy install
Withstands harsh abrasions, hot oil spills & more

Water & oil resistant

Protect against hydraulic fluids, lubricating oils & most chemicals

Durable & flexible for tight bends

Durable & flexible for tight bends

Specification:

Inside dia. (mm)	Inside dia. (inch)	wall thickness (mm)	Tolerance (mm)	roll length (m)	cm size (cm)	No./cm (m)	G.W. (kg)
φ6	1/4	1.5	±0.15	50	47*47*10	100	22
φ8	5/16	1.5	±0.15	50	47*47*10	100	24.5
φ10	3/8	2	±0.20	25	47*47*10	100	28
φ11	7/16	2	±0.20	25	47*47*10	100	29.5
φ13	1/2	2	±0.20	25	47*47*10	100	30.2
φ16	5/8	2	±0.20	25	47*47*10	50	16.5
φ19	3/4	2	±0.20	25	47*47*10	50	20.4
φ22	7/8	2	±0.20	25	47*47*10	50	21.5
φ25	1	2	±0.30	25	47*47*10	50	24.5
φ29	1 1/8	2	±0.30	25	47*47*10	50	25.5
φ32	1 1/4	2	±0.30	25	47*47*10	50	27.5
φ35	1 3/8	3	±0.30	25	47*47*15	50	28.5
φ38	1 1/2	3	±0.30	25	47*47*15	50	34
φ40	1 3/5	3	±0.30	25	47*47*15	50	34.5
φ41	1 5/8	3	±0.30	25	47*47*15	50	35
φ45	1 3/4	3	±0.30	25	47*47*15	50	36
φ48	1 7/8	3	±0.30	25	47*47*15	50	37
φ51	2	3	±0.35	25	52*52*20	50	38.2
φ55	2 1/5	3.5	±0.35	20	52*52*20	20	20.5
φ57	2 1/4	3.5	±0.35	20	52*52*20	20	21
φ60	2 3/8	3.5	±0.35	20	52*52*20	20	23.5
φ64	2 1/2	3.5	±0.35	20	52*52*20	20	24
φ65	2 3/5	3.5	±0.35	20	52*52*20	20	24.5
φ70	2 3/4	3.5	±0.40	20	52*52*20	20	27.5
φ76	3	4	±0.40	20	52*52*20	20	28.2
φ80	3 1/5	4	±0.40	20	52*52*20	20	32.5
φ83	3 1/4	4	±0.40	20	52*52*20	20	33.2
φ85	3 3/8	4	±0.40	20	52*52*20	20	33.8
φ89	3 1/2	4	±0.50	10	52*52*20	10	18.5
φ90	3 9/16	4	±0.50	10	52*52*20	10	19
φ95	3 3/4	4	±0.50	10	52*52*20	10	19.5
φ102	4	5	±0.50	10	52*52*20	10	20.2
φ110	4 1/3	5	±0.50	10	54*54*20	10	22
φ114	4 1/2	5	±0.50	10	54*54*20	10	23.8
φ120	4 4/5	5	±0.50	10	54*54*20	10	26.8
φ127	5	5	±0.60	10	54*54*20	10	28.5



GWH-A-C Fire tape

Feature:

High temperature tape; made from Silicone coated fiberglass braided fire sleeve

Product feature; Material is same as fire sleeve; E-fiberglass braided inside and silicone coated outside.

the heat resistant performance can be same as high temperature fire sleeve. Suitable used in larger diameter of the tubes or place of complex lines.

Application:

Widely used in metallurgical equipment, industrial machinery, electronic appliances, electric products of high temperature, such as place of heat and insulation protection.

Working temperature:

Can continuous exposure to the high temperature of 560 ° C, and from being damaged under the high temperature of 1650 ° C, can withstand 15-30 seconds.

width: 50-315mm

length: according to the site and customers requirements.

Products specification:

width (mm)	width (inch)	wall thickness (mm)	Tolerance (mm)	roll length (m)	cm size (cm)	No./cm (m)	G.W. (kg)
50	2	2	±0.20	25	47*47*10	50	11
60	2 1/3	2	±0.30	25	47*47*10	50	13.85
64	2 1/2	2	±0.30	25	47*47*10	50	14.5
76	3	2	±0.30	25	47*47*10	50	16
80	3 1/8	2	±0.30	25	47*47*10	50	16.5
95	3 3/4	2	±0.30	25	47*47*10	50	20
102	4	2	±0.30	25	47*47*10	50	21
114	4 1/2	3	±0.30	25	47*47*15	50	24.9
120	4 3/4	3	±0.30	25	47*47*15	50	28
127	5	3	±0.30	25	47*47*15	50	29
140	5 1/2	3	±0.30	25	47*47*15	50	34.3
152	6	3	±0.30	25	47*47*15	50	35.2
165	6 1/2	3	±0.35	25	52*52*20	50	36
178	7	3.5	±0.35	20	52*52*20	40	33
191	7 1/2	3.5	±0.35	20	52*52*20	20	20.2
200	7 7/8	3.5	±0.40	20	52*52*20	20	21
203	8	3.5	±0.40	20	52*52*20	20	21.8
220	2 3/4	3.5	±0.40	20	52*52*20	20	23.5
229	9	3.5	±0.40	20	52*52*20	20	24
241	9 1/2	4	±0.40	20	52*52*20	20	24.5
254	10	4	±0.40	20	52*52*20	20	28
267	10 1/2	4	±0.40	20	52*52*20	20	29
280	11	4	±0.50	20	52*52*20	20	33
300	11 4/5	4	±0.50	10	52*52*20	10	17.7
315	12 2/5	4	±0.50	10	52*52*20	10	18.5



GWH-A-D Fire fabric

Product feature:

Silicone coated heat resistant fiberglass insulation fire fabric. It's heat, flame and weld spatter protection, designed to exceed industrial standards where resistance to moisture, sunlight, corona and hydraulic oils is needed.

high temperature resistant fabric, constructed from a glass fiber base fabric, impregnated both sides with a specially compounded silicone rubber coating designed to shed heavy weld spatter and resist heat and occasional flame.

Advantage feature:

Moisture proof, waterproof, and pollution prevention

Double flame retardant insulation, performance better

It has strong tensile strength and toughness

Basis Performance:

Continuous working temperature: 560 ° C

highest instant exposure temperature : 1650° C

fuse splash resistance : excellent

fire proof : excellent

wear resisting performance : excellent

flexibility : excellent

water proof oil resistance : outstanding



GWH-B-A Reflecting sleeve

Feature:

Performance lab tested at 3000° F (1650° C) for 1 minute, reflecting sleeve reflects at least 90% of radiant heat energy.

An ideal choice for operations where occasional radiant (infrared) flow must be blocked or stopped. The mirror like surface of reflecting sleeve reflects heat away, instead of absorbing heat and dissipating it through the fabric.

Application:

Widely used in metallurgy, electric power, chemical industry, papermaking, coal and other industries, the hose and cable have excellent insulation protective effect.

Advantage feature:

Part of the reflecting sleeve is high temperature resistant fastening tapes sewing in internal sleeve, so as to realize online installation, quick and convenient, heat resist and insulation is good.

heat reflecting sleeve is fabricated from reflecting fabric. It has two layers of aluminum coating and a protective film, all laminated to a specially designed heavy grade aramid fiber cloth by means of a heat stable adhesive. The aluminum layers will not delaminate from the cloth, even under the most extreme heat conditions.

Basic performance:

- 1) Continuous work temperature: 450 ° C .
- 2) The highest instant exposure temperature: 1100 ° C
- 3) fire-proof: excellent.
- 4) wear resisting: outstanding
- 5) ductility: outstanding
- 6) flexibility: outstanding
- 7) waterproof, oil resistance: outstanding.



GWH-B-B Reflecting sleeve VCO

Heat Reflective Sleeve with Velcro can be used to protect industrial wires, cables, hydraulics hoses, piping and tubing from radiant heat sources such as glowing steel slab, liquid metal pour stream, infrared heaters and other similar sources.

Just wrap the preformed, split flexible tube around any component and seal the sides with the high temperature hook and loop velcro closure to provide protection from hot pipes and engine components.

Heat Reflective Sleeve with Velcro is constructed of a woven E glass fabric with aluminum foil laminated to its outer surface utilising a resilient high temperature adhesive. Heat Reflective Sleeve with Velcro is formed by folding the material and sewing the edge with nylon velcro or Aramid velcro.

Resists Gasoline and Engine Chemicals. Cut and Abrasion Resistant. Cuts Cleanly with Scissors.

Heat Reflective Sleeve with Velcro reflects more than 90% of the radiant energy that hits its surface, keeping the underlying cables, hoses and wires cool.

Available in sizes from 1/2" through 12" ID. Larger sizes are available under special order.



GWH-B-C Reflecting tape

Product feature:

Aluminum foil anti radiation heat resistant winding belt have anti-wear anti radiation protection blanket all characteristics, the only difference is banded with pressure sensitive type gum form.

The only difference is banded with pressure sensitive type gum form is made

The form of gum made, can be used for covering any diameter hose, cable and line.

Applies to both the overall protection, and suitable for local repair.

Application:

Widely used in metallurgy, electric power, chemical and other thermal radiation work environment.

Normal Specification:

Width 25mm, 40mm, 50mm, 80mm, other sizes can be customized.

Advantage feature:

- 1) Especially suitable for non regular flame or radiant energy environment.
- 2) Make construction more convenience, need not remove the pipeline equipment, site installation can be realized
- 3) Pressure sensitive type gum can be in high temperature decomposition, close to and perfect cladding live hose, cable and line.
- 4) Very economic, almost without waste
- 5) Continuous working temperature of 450 ° C , glass fiber layer under the high temperature at 1100 degrees still can keep in good condition



GWH-B-D Reflecting fabric

Aluminum Coated E-grade fiberglass Fabric reflects radiant heat and is the perfect protection for covering equipment that is in close proximity to intense radiant sources such as super-hot metal slabs, liquid and molten metals or glass, open flame/plasma or engine exhaust manifolds. Protects industrial wire, cable, hose, hydraulics and equipment cabinets and enclosures.

This Aluminum Coated Fiberglass Fabric reflects 90% or more of the radiant heat that contacts its surface. Constructed from a high-temperature base fiberglass which is then coated with aluminum foil or aluminum film.

Aluminum foil coating is best for static applications and temperatures up to 650° F / 343° C, this fabric will withstand short duration exposure up to 1115° F / 600° C and up to 3000° F / 1650° C for very short durations. The aluminum coating melts at 1220° F / 660° C.

Aluminum Coated Fiberglass Fabric has different thickness, with and without adhesive (PSA).

Reflecting fabric is sold in rolls 40" (1016 mm) wide. It can also be custom fabricated into, almost any shape, complete with closures or factory installed grommets to meet your specifications.

Spec:

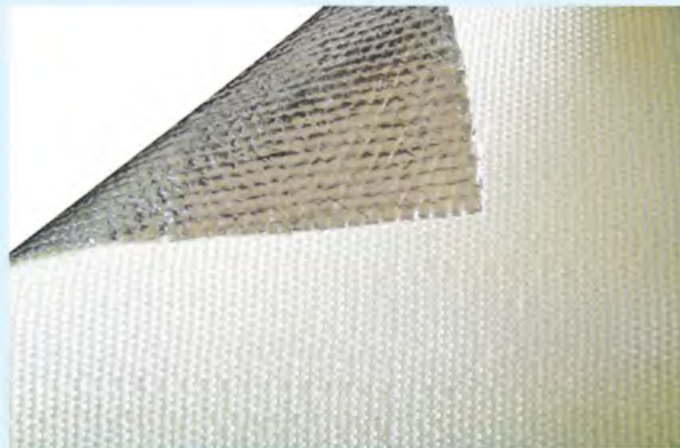
Size: 1m*30m(50m):

Width: 1000-1500 mm

Thickness: 0.4mm-3mm

Refractoriness: 450 ~ 550°C

Packing: In carton of 1 roll net each



GWH-C-A High silica sleeve

Silica Braided Sleeve is a braided silica sleeve, constructed from a 96% pure SiO₂ silica fiber, suitable for continuous use at 1800° F (982° C), and able to withstand short term exposure up to 3000° F (1650° C).

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

This Silica Braided Sleeve 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.

Braided 96% pure silica fiber, the health conscious alternative to asbestos and ceramic sleeves and wraps.

Special sizes (Inner Diameters) and wall thickness of Silica Sleeve is available on request.

Packing: 30/50/100 meters per roll at customers option

Item no.	Inner Diameter(mm)	Inner Diameter(Inch)	Wall Thickness(mm)	Weight(g/m)
GWH-C-A F5-0.7	5.0±1.0	1/4	0.7±0.2	42±5
GWH-C-A F8-1.6	8.0±1.6	5/16	1.6±0.2	18±5
GWH-C-A F10-1.6	10.0±2.0	3/8	1.6±0.2	50±5
GWH-C-A F13-1.6	13.0±2.1	1/2	1.6±0.2	58±5
GWH-C-A F15-1.6	15.0±3.0	5/8	1.6±0.2	65±10
GWH-C-A F20-1.6	20.0±4.0	3/4	1.6±0.2	85±10
GWH-C-A F25-1.6	25.0±5.0	1	1.6±0.2	90±10
GWH-C-A F30-1.6	30.0±6.0	1 1/8	1.6±0.2	125±13
GWH-C-A F35-1.6	35.0±7.0	1 3/8	1.6±0.2	140±14
GWH-C-A F38-1.6	38.0±8.0	1 1/2	1.6±0.2	156±15
GWH-C-A F40-1.6	40.0±10.0	1 5/8	1.6±0.2	170±17
GWH-C-A F50-1.6	50.0±10.0	1 15/16	1.6±0.2	180±20
GWH-C-A F51-1.6	51.0±10.0	2	1.6±0.2	190±20
GWH-C-A F64-1.6	64.0±10.0	2 1/2	1.6±0.2	255±26
GWH-C-A F76-1.6	76.0±10.0	3	1.6±0.2	305±31
GWH-C-A F80-1.6	80.0±10.0	3 3/20	1.6±0.2	320±32
GWH-C-A F86-1.6	86.0±10.0	3 3/8	1.6±0.2	345±35
GWH-C-A F90-1.6	90.0±10.0	3 1/2	1.6±0.2	360±36
GWH-C-A F96-1.6	96.0±10.0	3 3/4	1.6±0.2	380±38
GWH-C-A F102-1.6	102.0±10.0	4	1.6±0.2	412±42
GWH-C-A F120-1.6	120.0±10.0	4 3/4	1.6±0.2	480±48



GWH-C-B High silica tape

This High Silica woven Tape is made by silica fiber, contain more than 96% pure SiO₂.

High Temperature Woven Silica Tape retain strength and flexibility in insulation applications at 1800° (982° C.) When spiral wrapped over pipes, hoses or cables, they offer protection against molten metal or extreme radiant heat. It is completely fireproof and with it's high silica (SiO₂) content (96% minimum) it protects against contamination in high temperature environments. Silica tapes are available with pressure sensitive adhesive to facilitate wrapping installations. Upon exposure to the service temperatures that justify the selection of silica materials, the organic adhesive decomposes.

High Temperature Woven Silica Tape Applications

Insulation Wrap for Pipes, Hoses and Electrical Cables

Isolated High Temperature Welding Protection

Thermal and/or Welding Blanket Fabrication for Cut Edge Protection to Eliminate Fraying

Extensively used in the following Industries:

Power Generation

Shipbuilding

Construction

Welding

Metal Processing

Item no.	Width (mm)	Width (inch)	Thickness (mm)
GWH-C-B-25W	25	1	1.5
GWH-C-B-50W	50	2	1.5
GWH-C-B-76W	76	3	1.5
GWH-C-B-102W	102	4	1.5

Customs width and thickness is available.



GWH-C-C High silica fabric

Woven High silica fabric is constructed from a 96% pure SiO₂ silica fiber, a health-conscious alternative to asbestos and ceramic textiles. High Silica Fabric is widely used for applications that require high heat resistance, as well as abrasion and/or chemical resistance. It is also used for the safety of personnel and equipment, and as thermal barriers to reduce energy costs.

Available in thickness of 0.010" (0.25 mm) to 0.050" (1.3 mm)

Roll length: 10m/30m/50m, or supplied in custom lengths

Commonly used width: 83cm, 92cm, 100cm etc.

Fabric structure: plain weave, twill, satin

FEATURES

- ◆ Comprised of high strength, high purity 96% amorphous silica fibers
- ◆ Designed to withstand continuous temperatures of 1800° F / 982° C
- ◆ High Dielectric Strength
- ◆ Low Thermal Conductivity
- ◆ Excellent for use where E-glass fabrics would typically fail
- ◆ Resistant to most corrosive agents and chemical reagents

APPLICATIONS

- ◆ Welding blanket and curtains
- ◆ Furnace curtains
- ◆ Thermo couple insulation wrap
- ◆ Flame resistant barriers
- ◆ Thermal barrier insulation



GWH-C-D Adhesive silica fabric

Same high performance as our Silica fabric,
with pressure-sensitive adhesive coating one side

Dependable severe-heat performance

Suitable for use at 1800° F (982° C), and able to withstand short term exposure up to 3000° F (1650° C), Adhesive silica fabric is constructed from a 96% pure SiO₂ silica fiber, coated one side with pressure-sensitive adhesive. It can be cut on site to almost any shape.

Unmatched abrasion resistance and tensile strength

Silica fabric the standard for flexibility and minimum lineal shrinkage under high heat conditions. Durability is further enhanced with a proprietary hydro-carbon coating, giving Silica fabric unmatched abrasion resistance and tensile strength.

Standard rolls or custom lengths.

Available silica fabric thickness of 0.030" (0.76 mm) and 0.050" (1.27 mm). Standard 36" (915 mm) width. Sold in 33ft (10m), 100ft (30m), 150 ft (45 m) rolls, or supplied in custom lengths.

Item No.	Wt./gsm	T./mm	T./inch	W./mm	W./inch	Roll L.
GWH-C-D 0336	650	0.8	0.03	915	36	10m/30m/45m
GWH-C-D 0536	1250	1.3	0.05	915	36	10m/30m/45m



GWH-D-A Uncoated Fiberglass Sleeve

Description:

E-grade Fiberglass Sleeve

Made of braided by E grade glass fiber that will not burn and will withstand continuous exposure to high temperature. This material resists most acids and alkali and not affected by most bleaches and solvents.

Recommended For:

Providing thermal insulation and protection of industrial wire, cable and hoses from high temperature, affording personnel protection from high temperature hoses and cables.

Treatment/Coating for choice: Silicon Rubber, Silicon Resin

Key features:

- 1.**Type:** Fiber glass sleeve (Non-alkali)
- 2.**Material:** Non-alkali fiber glass yarn
- 3.**Apply:** insulation, high tempt. & flame Resistant, fireproof
- 4.**Thickness:** 0.5mm-1.5mm
- 5.**Inner Dia.:** 6mm-100mm
- 6.**working tempt.:** 550° C



GWH-D-B Fiberglass tape

Fiberglass Woven Tape is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1100° F / 593° C.

These high temperature tapes provide protection of industrial wires, cables, hoses, tube and pipe and also provide thermal insulation and personnel protection. Also used as a gasket or seal. Available as a Plain tape or ladder tape.

Available thicknesses include 1 mm, 1.5 mm, 2 mm, 3 mm, 4 mm, 5 mm. It is available with adhesive backed, also available for colored fiberglass tape.

Fiberglass offers excellent heat resistance, retaining more than half of its room temperature tensile strength at 675° F / 357° C, and more than 25% at 875° F / 468° C. It begins to soften at 1500° F / 815° C and melts near 2050° F / 1121° C.



GWH-D-C Adhesive fiberglass tape

Adhesive backed fiberglass tape is fabricated from high quality texturized fiberglass yarns that will not burn and will withstand continuous exposure to temperatures of 1000° F / 520° C. It resists most acids and alkalis and is unaffected by most bleaches and solvents. Available as a Plain tape or Drop-Warp tape (center longitudinal yarns missing), often called a Bolt-hole tape or Ladder tape.

Specification:

Thickness: 0.8mm up to 5mm

Width: 20mm up to 300mm

Weight: 680gsm up to 2000gsm

Weaving structure: plain for thickness 0.8mm up to 5mm, twill for thickness 1.5mm up to 5mm

Roll length: max 50m

We also make below treatments for some special applications:

Aluminum foil faced on one side

Vermiculite coated

Heat treated(caramelized)

Graphite coated

Silicone coated

Backed with self-adhesive tape

Application:

Provide protection of industrial wires, cables, hoses, tube and pipe and also provide thermal insulation and personnel protection. Also used as a gasket or seal.



GWH-D-D Fiberglass cloth

Fiberglass Fabric made by high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1000° F / 520° C.

This high temperature Fiberglass Fabric provides thermal insulation and personnel protection.

These high temperature fabrics are often used to fabricate insulated equipment covers, welding curtains and blankets.

Fiberglass offers excellent heat resistance, retaining more than half of its room temperature tensile strength at 675° F / 357° C, and more than 25% at 875° F / 468° C. It begins to soften at 1500° F / 815° C and melts near 2050° F / 1121° C.

Product Description

- 1) Woven from best quality texturized glass fiber yarn
- 2) High quality, warm keeping thermal insulator, it is the ideal substitute of the asbestos cloth
- 3) Used for anticorrosion, corrosion resistance and insulation of pipes and storage tank in power stations, oil fields, chemical plant, paper mill and environment protection projection where highly corrosive mediums are present. It can also be used in the construction work involving reinforced plastics
- 4) The texturized fiberglass cloth can be offered to insert the copper wire (or inconel wire, stainless steel wire)
- 5) Fiberglass Fabric available in the following finishes:
 - Plain
 - Heat Treated
 - Vermiculite Coated
 - PTFE Coated
 - Silicone Coated
 - Aluminum Foil Coated
 - Pressure Sensitive Adhesive

Specifications:

- 1) **Thickness:** 0.2 - 6.0mm
- 2) **Width:** 1, 000mm
- 3) **Refractoriness:** 450 ~ 550

Packing: 1 roll/CTN



GWH-E-A compound fire sleeve

Ultra high temperature compound fire sleeve

Product feature:

Our company is specializing in 700 ° C or above high temperature complex condition and development is production of one of the new products. Which designed to shed weld spatter and resist high heat and occasional flame.

Mainly usage:

Mainly used to protect the industrial ultra high temperature area line, such as: the cable, hose, oil pipes etc.

Design Principle:

Multilayer composite, the layers of flame retardant insulation.

Working Temperature:

Continuous working temperature 700 ° C , instant heat resistant 1350 ° C

Advantage feature:

- 1) **heat resistant:** block out 98% of heat invasion, maintain internal good working condition.
- 2) **water proof:** can stop water flushing, the vapor intrusion.
- 3) **Energy Saving:** After use, the protective effect to improve 5-6 times. reducing maintenance, reducing medium evaporation and reduce the cost

Specification:

Size: diameter mm ϕ 30- ϕ 100



GWH-E-B Compound fire sleeve VCO

Product feature:

Compound fire sleeve VCO can installed at current workplace, to make sure the correct closed and the integrity of the instruction. It has been treated or impregnated with our specially formulated silicone rubber compound inside. It provides greater abrasion puncture and tear resistance to our base fibreglass cloth. It provides great life, water and oil resistance.

Mainly usage:

Mainly used to protect the industrial ultra high temperature area line, such as: the cable, hose, oil pipes etc.

Design Principle:

Multilayer composite, the layers of flame retardant insulation.

Working Temperature:

Continuous working temperature 700 ° C , instant heat resistant 1350 ° C

Advantage feature:

- 1) **heat resistant:** block out 98% of heat invasion, maintain internal good working condition.
- 2) **water proof:** can stop water flushing, the vapor intrusion.
- 3) **Energy Saving:** After use, the protective effect to improve 5-6 times.
reducing maintenance, reducing medium evaporation and reduce the cost

Product specification:

Size: diameter mm ϕ 10- ϕ 120



GWH-E-C Compound fire fabric

Compound fire fabric is a special new material. The basic material is silica, which contains more than 96% SiO₂, and special treated with silicone rubber inside.

It one kind of excellent heat resistance material, it can withstand continuous temperatures of 700 ° C for long periods of time, and instant temperatures up to 1350 ° C. The product is primarily used in hot work such as welding and burning operations. It is also useful for thermal and electrical insulation in stress relieving. It is available in a wide variety of fabricated forms including seals, pads, cloth and hemmed blankets.

This compound fire fabric has properties of high strength, easy to process, widely application, used for high temperature, insulation, sealing and ablation resistant material. the thickness is 1.5-3mm



GWH-F-A Basalt fiber sleeve

This Texturized basalt fiber braided sleeve is made by texturized basalt yarns trap greater amounts of air and demonstrates better insulation properties and great fullness. It is engineered for protection from temperatures up to 1,200° F.

Made of a tubular braiding to obtain a extremely elastic and flexible sleeve.

This sleeve resistant most acids, alkalis and is unaffected by most bleaches, solvents. It is highly flexible and conformable.

Basalt fiber sleeve is a 100% inorganic, mineral, continuous filament with an excellent high temperature and shock resistance. Basalt fiber is similar to carbon fiber and fiberglass, but basalt has better mechanical properties than fiberglass and is lower in cost than carbon fiber. The Texturized basalt braided sleeve is easy to install and will provide years of protection and good looks.

Basalt fiber sleeve is a highly conformable sleeve which provides excellent thermal protection for engine and generator exhaust piping for automobiles, marine engines and generators, bus, construction and mining equipment.

Cuts Easily With Scissor

Exceptional Thermal Insulation

Great Appearance

Maximum Continuous Temp: 1,200° F/649° C

Melt Temp: 2,400° F/1,316° C

Excellent Chemical Resistance

Non-Flammable

100% Inorganic



GWH-F-B Silicone basalt sleeve

It is made of braided basalt fiber with silicone rubber coated.

Recommended For:

Silicone rubber coated basalt fiber sleeve which has outstanding property of electric insulation, high temperature resistance, chemical-corrosion resistance, excellent tenacity that make it to be the best insulating and protecting solution in extreme working environment where serviceability is required.

Widely used in metallurgy, chemical industry, auto industry, train, vessel and aviation for protecting hoses, oil tubes, fluid transportation pilings, exhaust pipes, cables and so on industrial hoses, for high temperature resistant and fire resistant.

Description:

1. **Type:** Silicone Basalt Sleeve
2. **Material:** silicone rubber with braided basalt fiber
3. **Apply:** high tempt. & flame Resistant, fireproof, insulation, anti-aging, avoid splashing of the molten iron, acid and alkali resistant.
4. **Rate voltage:** 7kv--20 kv
5. **Silicone Rubber Color:** red, white, blue... accept customized
6. **Inner dia.:** 6, 8, 10, 15, 20...-120, 125, 127mm(1/4"-5"), accept customized
7. **Single side wall thickness:** 1.3mm-6mm
8. **Working tempt.:** 260° C - 700° C, short time exposure to 1690° C.



GWH-F-C Basalt Fiber Tape

Basalt Fiber Tape is made from basalt fiber, Basalt fiber has properties of anti-aging, high-temperature resistant, acid and alkali-resistant, strong binding force to concrete and resin, flame retardant and good insulation, low moisture absorption, can replace carbon fiber and aramid fiber in some aspects.

Specification:

Thickness: 1.5mm up to 6mm

Width: 10mm up to 200mm

Weaving structure: plain for thickness 1.5mm up to 5mm, twill for thickness 1.5mm up to 6mm

Roll length: MAX 50m

Application:

provide protection of industrial wires, cables, hoses, tube and pipe and also provide thermal insulation and personnel protection. Also used as a gasket or seal.



GWH-G Ceramic Fiber Sleeving

It is a woven fabric made of our high quality ceramic fiber yarns. continuous working temperature of 900 ° C , and will withstand a molten splash at 1260 ° C. The cloth is reinforced with fiberglass filament, and optional stainless steel wire. It contains a certain amount of binder material which is normally burned at lower temperature and does not affect the insulation property.

Specification:

Item	ceramic fiber sleeve
Classification Temperature	1260C
Work temperature	1150C
Density(kg/m ³)	550~550
Wrap Density	48~60Piece/10cm
Weft Density	21~30 Piece/10 cm
Organic Content(%)	<=15
Specification(mm)	L:30,000mm/W:15~150mm/T:1.5~10mm
Inner Dia	10~150mm

Application:

It is the perfect sleeve and jacket choice for protecting industrial hydraulic hoses and lines, pneumatic lines, fuel & oil lines, brake lines, wires and cables from exposure to high temperature, heat, flame, fire and pyro exposure



GWH-H Silicone Fiberglass Sleeving

Description:

Silicone rubber coated fiberglass sleeving is braided with non-alkali fiberglass yarn and then coated with silicone rubber. It possesses good qualities of dielectric, heat resistance, excellent elasticity and flexibility etc.

Features:

Thermal class: H

Breakdown voltage: 1.5kV to 10.0kV,

Operating temperature: -60° C to 180° C, Short time peaks at 250° C

Flammability: ≤60seconds

Standard color: light yellow, others on request

Specifications:

Inner Diameter(mm)		Wall Thickness(mm)	
Nominal	Tolerance	Min.	Max.
0.5	±0.15	0.35	0.65
0.8, 1, 1.5, 2, 2.5	±0.20	0.35	0.65
3, 3.5, 4, 4.5, 5, 6, 7	±0.25	0.35	0.65
8, 9, 10, 12	±0.30	0.5	0.9
14, 16, 18, 20	±0.50	0.4	1
22, 24, 25	±0.60	0.5	1.5
30, 35, 40, 42, 45, 50	±1.00	1	2

Packaging details:

1) For roll packaging:

diameter 0.5 to 4mm: 200m

diameter 5 to 20mm: 100m

diameter 22 to 24mm: 50m

diameter 26 to 30mm: 25m

Note: other length can be negotiated

2) Inner packing: plastic bag

3) Outer packing: cartons(dimension:33X33X57cm or 40X40X60cm)

Application:

These sleeveings are widely used as wiring insulation for H grade electrical motors, machinery, domestic appliances, and electric apparatus, and also as a protection of collected strands of wire and cable



GWH-I Turbo blanket

Total 2 Product(s)

Energy Saving Insulation Jackets/ Turbocharger Insulation Jacket

Made of fiber glass composite materials, non-asbestos materials and environmentally safe.

Recommended For:

Provide security for different types of engine exhaust system, which is a good choice for high temperature insulation and energy saving.

Basic performance:

1. Excellent insulation effect and adiabatic performance;

2. Working tempt.: 1200DC;

3. Reduce heat loss and saving energy;

4. Fire retardant;

5. With chemical stability, corrosion resistance of various chemical liquid such as acid, alkali, salt, chemical fertilizer, etc.;

6. Good hydrophobic property, prevent oil pollution.

Characters:

1. Easy dis assembly, easy to install, convenient to clean, convenient maintenance;

2. Can be used repeatedly, long service life;

3. Can be customized according to the turbocharger parts;

4. Suitable for different temperature, different shapes of the supercharger heat preservation and heat insulation;

5. Do not contain asbestos and any other harmful substances;

6. Work to improve thermal environment, to prevent burns.

Used for parts: exhaust manifold, exhaust pipe bending straight pipe, corrugated pipe, flanges, turbocharger, muffler, etc

Application Area: all kinds of formula one racing, civilian passenger cars and industrial vehicles, cranes, agricultural machinery, mining, military military products, new energy vehicle engine, Marine diesel engine, power generation equipment, etc.

PRODUCT	SIZE	COLOR
Turbo Blanket	T3	Black
Turbo Blanket	T4	Black
Turbo Blanket	T6	Black
Turbo Blanket	T3	Silver
Turbo Blanket	T4	Silver
Turbo Blanket	T6	Silver
Turbo Blanket	T3	Aluminum
Turbo Blanket	T4	Aluminum
Turbo Blanket	T6	Aluminum
Titanium Turbo Blanket	T3	Titanium
Titanium Turbo Blanket	T4	Titanium
Titanium Turbo Blanket	T6	Titanium



GWH-J Heat insulation cover

This heat insulation cover offers superior thermal protection to components, especially in the Automotive Industry, where they are in close proximity to engines and exhaust systems. The Heat Reflective Sleeve is typically used to cover / protect:

Engine wire harnesses

Hoses and tubing

A/C line

Hydraulic and fuel lines

Control cables

Features & Benefits:

Working temperature: 200° C

Flexible

Fluid and chemical resistant

Easy installation

Custom fabricated exhaust pipe heat insulation cover systems for engine and generator exhaust components such as mufflers, turbo-chargers and pipe feature high temperature capability, reduction of thermal radiation and convection within the engine room and sound reduction. Often used for marine powerplants & generators and stationary backup power systems for industrial, commercial and municipal installations.

A thick needled fiberglass or silica insulation is mechanically supported by a stainless steel or inconel mesh and an outer fabric of either silicone rubber coated fiberglass, aluminized fiberglass or silica. Fiberglass is suitable for most non-turbocharged reciprocating engines. Silica may be required for turbo-charged engines and is required for gas turbine engine applications

Insulation cover is specially designed for exhaust piping, elbows allowing for hangers/brackets, flanges, clamps, etc. We also makes special blankets for flex connectors, bellows and expansion joints. The insulation materials used allows for contraction, expansion and vibration.

Removable blanket sections are assembled with either locking wire or spring clips with stainless hook fasteners or mushroom cap rivets mounted on the fabrics



GWH-K Silicone Rubber End-Wrap Tape

It is made of high temperature compression silicone rubber

Silicone Rubber End Wrap Tape that has no adhesive, it is self bonding to itself and our silicone rubber coated sleeves and tapes, providing a waterproof/gas tight end to the installation of Sleeve over hoses and cables.

Recommended For:

The special formulation of silicone rubber sheds molten metals, slag, welding splatter, electrical or grinding sparks and contamination. End Wrap Tape also provides protection from ozone, UV and abrasion.

50% overlap when wrapping the tape around firesleeve, wire, hoses and cables.

Specifications

heat resistant silicone tape

High-temperature arc-and track-resistant tape

Waterproof, heat resistant

Popular in Europe

Self fusing silicone rubber tape

This Tape has excellent flexibility of Silicon Elastomer and strength of Fiber glass fabric .It retains high dielectric strength over a wide temperature range 40 ° C to 260 ° C. It has good humidity barrier, resists are tracking and corona resistance. Suitable for application where high starting loads and greater switching frequency is required.

Size	25mm, 38mm, 50mm, 100mm
Thickness	0.4mm, 0.50mm, 1mm or cusotmized
Colour	black, blue red, yellow, transparent, white, green (any colour can be requested)
Feature	Excellent track resistance
	Excellent arc resistance
	Excellent ozone resistance
	High dielectric strength
	Workable in extremely low temperature
Applications	water-proof
	Automotive repair
	Jacketing high voltage terminations
	Motor lead insulation
	Boat rigging wrapping
	Flexible heater repair
	Extension cord "connection" wrapping
	Heavy duty industrial pipe wrapping
	Tool handle wrapping
	"Final wrap" for Electrical distribution connections
	Power & hand toll insulation
	Underwater uses
	Emergency radiator hose repairs; emergency insulating&barrier tape
	Fishing industry uses
	Military applications
Insulating generator coils	
Temporary hose repairs	
Harness wrapping; automotive, aircraft, protective	



GWH-L Fire blanket

Fire blanket is a specially treated glass fiber fabric which is very soft, smooth and does not irritate skin. Which use fiberglass thread to sew the fold and fire resistance ribbon. Since Fire Blanket is a kind of very soft fire distinguishing device. At the very beginning of a fire accident, it can be used to insulate the fire from oxygen, thus controlling the fire.

The thickness of the fire blanket is 0.43mm. In an emergency, it is a perfective covering, isolating our body from the heat source during an escape.

it can be easily wrapped on any irregular objects. When compared with the other kinds of fire distinguishers, fire blanket has the following advantages:

- A. It has no expiry date.
- B. It is environmental friendly.
- C. It is a good insulator and high temperature resistance.

Fire blanket is easy to carry & store and simple to use. It is the best choice for emergency, fire protection and fire fighting. Ideal for use in kitchen, hotel, garage, gas station, laboratory, BBQ etc.

Temperature grade: 550 ° C above.

Available size: 1x1m, 1.2x1.2m, 1.5x1.5m, 1.2x1.8m, 1.8x1.8m

Thickness: 0.43mm

Wight: 430gsm

Package: Soft PVC bag, Nylon bag or hard plastic box



GWH-M Aluminized fireproof suit

Specifications

Fire proof heat separating clothes is made of heat reflecting and flame-proofing material by special process to make it onto reflecting and fire -proof cloth, and by special sewing equipment to make up.

- 1 aluminized suit,heat insulation suit
- 2 fire resistant,heat insulation

Materials: Aluminized fabric,(Heat insulation felt),cotton lining.

Characteristic: Fire proof ,radiant heat resistant,short time flame contact.

Style: Jacket and pants,or coverall.May be by jacket,pants ,face shield,mitten,shoes cover.

Size : S,M,L

Usefulness: protection clothes used in high temperature working place to resist strong heat radiation .



Sales Network



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BEIJING AIRPORT



BEIJING WEST RAILWAY STATION



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