

Habita
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江西和必达高温纤维制品有限公司
Habita High Temperature Textiles Co., Ltd.

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HABITA HIGH TEMPERATURE TEXTILES CO., LTD.

Habita

HABITA HIGH TEMPERATURE TEXTILES CO., LTD.

Habita High Temperature Textiles Co., Ltd. was formerly known as Nanjing Kante Glass Fiber Coating Co., Ltd., founded in 1993. Nanjing Kante is a technology leading enterprise established by Nanjing Glass Fiber Research and Design Institute, and is the first professional factory in China to research and develop glass fiber coated products. It is also the main drafting unit of the Industry Standard for Glass Fiber Coated Products.



33000m² The factory creates a legend of an era

In 2018, the company purchased 33000 square meters of industrial area in Ganzhou, Jiangxi, a national key concentration area for fiberglass, and established Jiangxi Habita High Temperature Fiber Products Co., Ltd. with a registered capital of 16 million yuan. The company comprehensively updated production equipment, expanded product categories, improved process technology, and was committed to becoming an excellent supplier of fire prevention and insulation solutions, creating a first-class modern chemical plant for fiberglass deep processing in the industry.



2015

Acquiring Nanjing Tongtian Kangte Glass Fiber Coating Co., Ltd. to become an influential domestic enterprise in the deep processing of glass fiber fabrics.

2018

Purchase over 30000 square meters of industrial area in Ganzhou, Jiangxi Province, a national fiberglass composite production base, and establish Jiangxi Habita High-temperature Fiber Products Co., Ltd

2019

The first production line starts production.

2020

The production line of impregnation and lamination starts production.

2021

The second production line starts production;

2022

Awarded as a national high-tech enterprise and a specialized, refined, and innovative enterprise in Jiangxi Province.

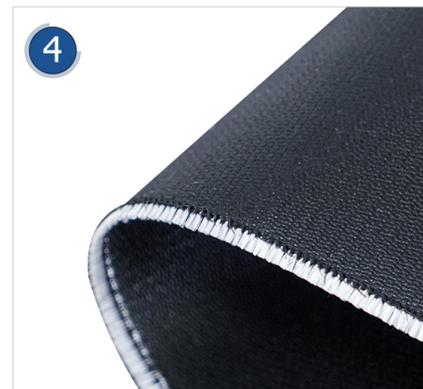
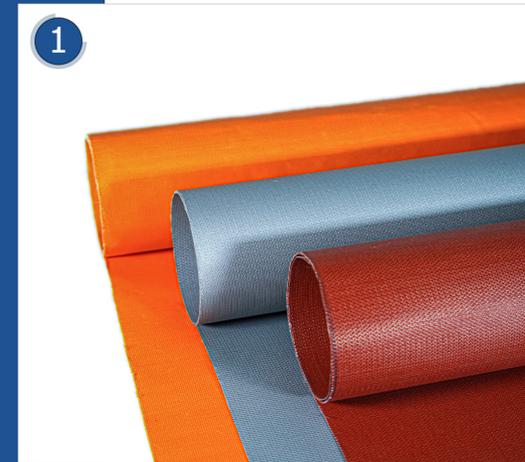
2023

The Security Products Branch of China Glass Fiber Industry Association was established in Habita



Main products

The company's main products include: silicone rubber, fluororubber, polytetrafluoroethylene, chloroprene rubber, EPDM, acrylic acid, vermiculite and other polymer (EVA, PVC, PU) coated products, glass fiber aluminum foil composite products, patterned fabrics, dyed fabrics, welding blankets, fire blankets, electric vehicle fire blankets, etc. Widely used in fields such as aerospace, shipbuilding, petrochemicals, power, nuclear power, steel industry, and fire protection. Habita delivers its brand to various parts of the world with excellent and thoughtful service.



1 Silicone coated fiberglass fabric

Silicone rubber coated glass fiber fabric is made of various specifications of glass fiber fabric coated with organic silicone rubber. This fabric combines the excellent fire and temperature resistance of glass fiber and silicone rubber, and is a high-performance fire insulation material.

2 PU coated fiberglass fabric

PU coated glass fiber fabric is a protective layer formed by coating polyurethane PU on the surface of glass fiber fabric as the substrate, which can overcome the disadvantages of flying flocs and lack of wear resistance during cutting of glass fiber fabric. At the same time, it has

3 PVC coated fiberglass fabric

PVC coated glass fiber fabric is made from glass fiber fabric as the substrate, coated with various chemical agents such as polyvinylchloride (PVC) paste resin flame retardant, and plasticized at high temperature.

4 Chloroprene coated fiberglass fabric

Chloroprene coated fiberglass fabric is made from fiberglass fabric as the substrate and coated with chloroprene adhesive. Chloroprene adhesive has excellent flame retardancy, oil resistance, chemical resistance, and a certain degree of aging resistance, making it suitable

5 Dyed patterned coated fiberglass fabric

Dyed and textured glass fiber fabric is made of glass fiber fabric soaked in acrylic lotion. In order to make glass fiber fabric have better mechanical processing performance, it is easier to cut, cut, sew and meet the characteristics of subsequent processing, and overcome the

6 Aluminum foil laminated coated fiberglass fabric

Aluminum foil composite glass fiber fabric is made by using glass fiber fabric as the substrate and selecting special adhesives, combined with advanced composite technology.

7 Electric vehicle fire blanket

In response to the characteristics of battery ignition and prolonged burning, a high-temperature fiberglass material is used, with a double-sided silicone coating on the surface, which has high tear resistance, extremely long durability, and can effectively avoid the impact of

8 Fire Blanket

Fire blankets, also known as fire blankets, are fabrics woven from materials such as fiberglass through special processing. It can isolate heat sources and flames, and can be used to extinguish oil pot fires or cover oneself for escape.

硅橡胶涂覆玻璃纤维织物

SILICONE COATED FIBERGLASS FABRIC

1. Widely used in various industrial, civil construction, transportation and other fields as fire protection facilities (such as smoke blocking vertical walls, fire blankets, escape blankets, fire rolling shutters, fire bags, fire partitions, etc.);
2. Used in industries such as shipbuilding as welding protective blankets and fire-resistant clothing for welding;
3. Applied in the manufacturing of high-temperature pipelines (such as non-metallic compensators, soft connections, non-metallic skin, flexible expansion joints, compensators, etc.) in the fields of power, chemical, cement, steel, petroleum, etc;
4. Produce insulating fabrics, sleeves, and other products for use in places with high electrical insulation requirements;
5. Detachable insulation jacket and insulation pad, internal and external anti-corrosion layer of pipeline insulation, reducing heat loss, and creating a safe operating environment.



WELDING PROTECTION



HANG WALL



FIREPROOF ROLLING SHUTTER



SOFT CONNECTION



INSULATION SLEEVE

Product Introduction

Silicone rubber coated glass fiber fabric is made of various specifications of glass fiber fabric coated with organic silicone rubber. This fabric combines the excellent fire and temperature resistance of glass fiber and silicone rubber, and is a high-performance fire insulation material. Develop and select appropriate silicone rubber for different usage environments, as well as different coating thicknesses, combined with advanced coating processes.



Product features

1. Soft, with good adhesion and excellent cutting and processing performance.
2. Large temperature resistance range, can be used for a long time between -70 °C and 260 °C; Short term usage temperature can reach 550 °C
3. Good flame retardant performance, non flammable with open flame, instantly self extinguishing;
4. Excellent chemical resistance and aging resistance;
5. Has high insulation performance, dielectric constant of 3-3.2, breakdown voltage of 20-50KV/MM;
6. Odorless, non-toxic, pollution-free, and non irritating to the skin.

Conventional products

Specification and model	Gram weight (g/square)	Thickness (millimeters)	Colour	Width (meters)
H200-2-50Si	250	0.2	Silver gray, black, rust red	1.0, 1.2, 1.5
H430-2-50Si	480	0.45		1.0, 1.2, 1.5
H430-1-80Si	510	0.48		1.0, 1.2, 1.5
H430-2-130Si	560	0.52		1.0, 1.2, 1.5
H430-2-160Si	590	0.55		1.0, 1.2, 1.5
H660-1-120Si	780	0.7		1.0, 1.2, 1.5
H660-2-200Si	860	0.8		1.0, 1.2, 1.5
H850-2-200Si	1050	0.92		1.0, 1.2, 1.5
H1250-2-300Si	1550	1.35		1.0, 1.2, 1.5

Note: There are multiple colors to choose from, and the width can be customized within 2 meters. It can also be cut according to customer needs.

PU 涂覆玻璃纤维织物 PU coated fiberglass fabric

1. Ventilation ducts, flexible connections for pipe laying.
2. Welding protection, detachable insulation jacket and insulation pad.
3. Smoke blocking walls, fire doors, fire curtains, etc.
4. Buji expansion joints and other fire insulation systems.



WELDING PROTECTION



HANG WALL



FIREPROOF ROLLING SHUTTER



INSULATION JACKET



VENTILATION DUCTS

Product Introduction

PU coated glass fiber fabric is a protective layer formed by coating polyurethane PU on the surface of glass fiber fabric as the substrate, which can overcome the disadvantages of flying flocs and lack of wear resistance during cutting of glass fiber fabric. At the same time, it has the characteristics of fire resistance and flame retardancy. For different usage environments, we choose polyurethane PU coating materials with different configurations, combined with advanced coating processes.



Product features

1. More excellent mechanical wear resistance, halogen-free, and more environmentally friendly.
2. More excellent waterproof and airtight performance, weather resistance.
3. Excellent wear and oil resistance, and superior flame retardant performance.
4. It is more comfortable, itchy resistant, and easier to cut, punch, and sew.

Conventional products

Specification and model	Gram weight (g/square)	Thickness (millimeters)	Colour	Width (meters)
H430-1-20Pu	450	0.40	Silver gray, rust red	1.0, 1.2, 1.5, 1.8, 2.0
H430-2-40Pu	470	0.42		1.0, 1.2, 1.5, 1.8, 2.0
H620-1-50Pu	670	0.60		1.0, 1.2, 1.5
H620-2-100Pu	720	0.68		1.0, 1.2, 1.5
H850-2-100Pu	950	0.82		1.0, 1.2, 1.5

Note: There are multiple colors to choose from, and the width can be customized within 2 meters. It can also be cut according to customer needs.

PVC 涂覆玻璃纤维织物

PVC coated fiberglass fabric

1. Freight tarpaulins available for cars, trains, and ships
2. It can be used as a cover for the storage of materials in the open-air warehouse of the station, dock, seaport, and airport.
3. It can be used to build temporary granaries and outdoor covers for various crops.
4. Can be used as materials for building temporary sheds and warehouses on construction sites, power construction sites, and other construction sites.
5. It can be processed into outer sheaths for camping tents and various machinery and equipment.



TEMPORARY WORK SHED



CAMPING TENT



TEMPORARY WORK SHED



FREIGHT TARPULIN



WAREHOUSE COVER

Product Introduction

PVC coated glass fiber fabric is made from glass fiber fabric as the substrate, coated with various chemical agents such as polyvinylchloride (PVC) paste resin flame retardant, and plasticized at high temperature.



Product features

1. It has properties such as fire resistance, waterproofing, and cold resistance.
2. No water leakage, water pressure resistance value $\geq 2000\text{MM}$ water column
3. Can withstand low temperatures, with a cold resistance temperature of $-20\text{ }^{\circ}\text{C}$
4. It has the characteristics of high tensile strength, easy washing and folding.

Conventional products

Specification and model	Gram weight (g/square)	Thickness (millimeters)	Colour	Width (meters)
H220-2-100PVC	320	0.30	Orange	1.0, 1.5
H300-2-100PVC	400	0.35	Orange	1.0, 1.5
H430-2-150PVC	580	0.50	Black	1.0, 1.2, 1.5

Note: There are multiple colors to choose from, and the width can be customized within 2 meters. It can also be cut according to customer needs.

氯丁胶涂覆玻璃纤维织物 Chloroprene coated fiberglass fabric

1. Flexible connection of pipeline base, detachable insulation jacket and insulation pad, etc.
2. Insulation of metal structures and areas that require welding in the ship-building and petrochemical industries.
3. Fire curtains, fire blankets, and other firefighting purposes.
4. Ventilation system, non-metallic expansion joints, compensators, conveyor belts, etc.
5. Chemical pipeline insulation and anti-corrosion layer, other fire insulation systems.



FIREPROOF BLANKET



INSULATION SLEEVE



FIREPROOF ROLLING SHUTTER



SOFT CONNECTION



INSULATION SLEEVE

Product Introduction

Chloroprene coated fiberglass fabric is made from fiberglass fabric as the substrate and coated with chloroprene adhesive. Chloroprene adhesive has excellent flame retardancy, oil resistance, chemical resistance, and a certain degree of aging resistance, making it suitable for use in harsh outdoor environments. We select special chloroprene rubber coating materials and



Product features

1. Good fire and flame retardant performance and superior mechanical wear resistance.
2. Better weather resistance, light resistance, ozone resistance, atmospheric resistance, and aging resistance.
3. Good resistance to media, with good resistance to oil, water, alkali, acid, etc.
4. Better elasticity and softness, flexible adhesive layer, resistant to impact and vibration.

Conventional products

Specification and model	Gram weight (g/square)	Thickness (millimeters)	Colour	Width (meters)
H400-2-150C1	550	0.48	Black	1.0, 1.2, 1.5
H430-2-170C1	600	0.52		1.0, 1.2, 1.5
H850-2-250C1	1100	1.00		1.0, 1.2, 1.5

Note: Customizable within a width of 2 meters, and can be cut according to customer needs.

染色定纹玻璃纤维织物

Dyed patterned coated fiberglass fabric

1. Insulation cotton board surface layer material, detachable insulation jacket and insulation pad.
2. Fire doors, fire curtains, fire blankets, fire bags, welding blankets and other fire protection purposes.
3. Other fire insulation systems.



WELDING PROTECTION



FIREPROOF BLANKET



FIREPROOF BAG



FIRE CURTAIN



INSULATION JACKET

Product Introduction

Dyed fixed grain glass fabric is made of glass fiber fabric soaked in acrylic acid lotion. In order to make glass fiber fabric have better mechanical processing performance, more easy to cut, cut, sew and meet the characteristics of subsequent processing, and overcome the shortcomings of glass fiber that is not wear-resistant and itchy, we configure corresponding fixed grain formula according to the requirements of different uses to dip and fix grain on glass fiber fabric.



Product features

1. Excellent flame retardancy, good fire resistance, better wear resistance, and good film-forming properties on the fabric surface.
2. The fabric stiffness can be controlled according to customer requirements, making it easy to cut and sew.
3. Reduce the irritation of fiberglass flying flocs to the human skin and reduce itching sensation.
4. Overcoming the single color of fiberglass fabrics and making them colorful.

Conventional products

Conventional products

Specification and model	Gram weight (g/square)	Thickness (millimeters)	Colour	Width (meters)
H300YR	310	0.3	Black, orange, blue, red	1.0, 1.2, 1.5
H430YR	450	0.4		1.0, 1.2, 1.5
H580PR	610	0.8		1.0, 1.2, 1.5
H820PR	840	1.0		1.0, 1.2, 1.5
H1200PR	1250	1.5		1.0, 1.2, 1.5

Note: There are multiple colors to choose from, and customization is available within a width of 2 meters.

铝箔复合玻璃纤维织物

Aluminum foil laminated coated fiberglass fabric

1. Insulation materials for cold and warm equipment pipelines and sound insulation materials for buildings.
2. Protective wrapping for chemical equipment such as oil transportation pipelines and steam pipelines.
3. Has excellent water vapor barrier performance and extremely high mechanical strength.
4. Flame retardant and fire-resistant aluminum foil cloth can be used for connecting flexible joints of air conditioning ducts, as well as for resisting light radiation.
5. Widely used in petrochemical, chemical engineering, spinning, metallurgy, electricity, construction, kilns, papermaking, pharmaceuticals, ships and other fields.



SOFT CONNECTION



BUILDING SOUND INSULATION



STEAM PIPELINE



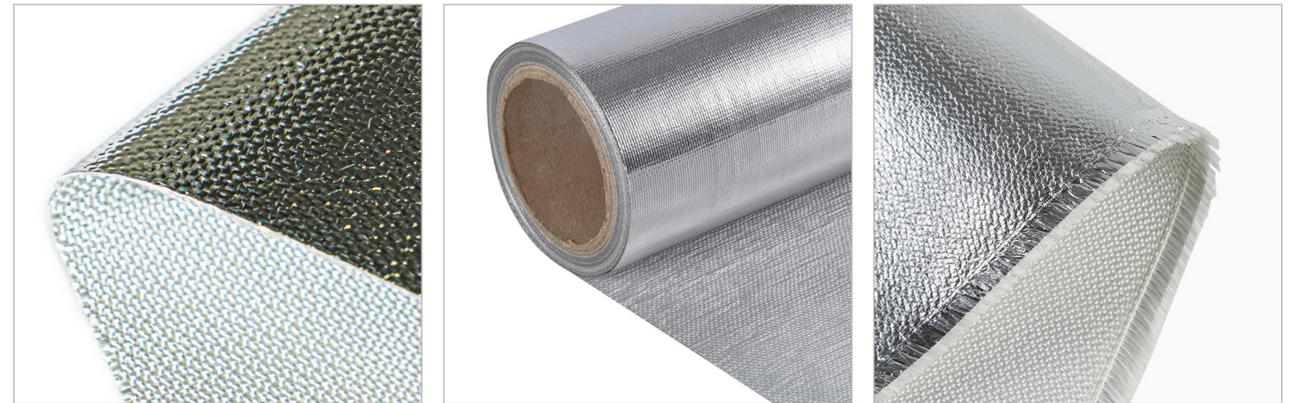
OIL ENGINE FLUE



PIPELINE INSULATION

Product Introduction

Aluminum foil composite glass fiber fabric is made by using glass fiber fabric as the substrate and selecting special adhesives, combined with advanced composite technology. We configure corresponding adhesive formulas according to the requirements of different uses and perform composite treatment on glass fiber fabrics and aluminum foil.



Product features

1. It has better adhesion, high strength, better flame retardant performance, and a longer service life.
2. The surface is smooth and flat, with high light reflectivity.
3. It has high tensile strength in both vertical and horizontal directions, is not breathable or waterproof, has good sealing performance, high shielding rate, and strong material toughness.

Conventional products

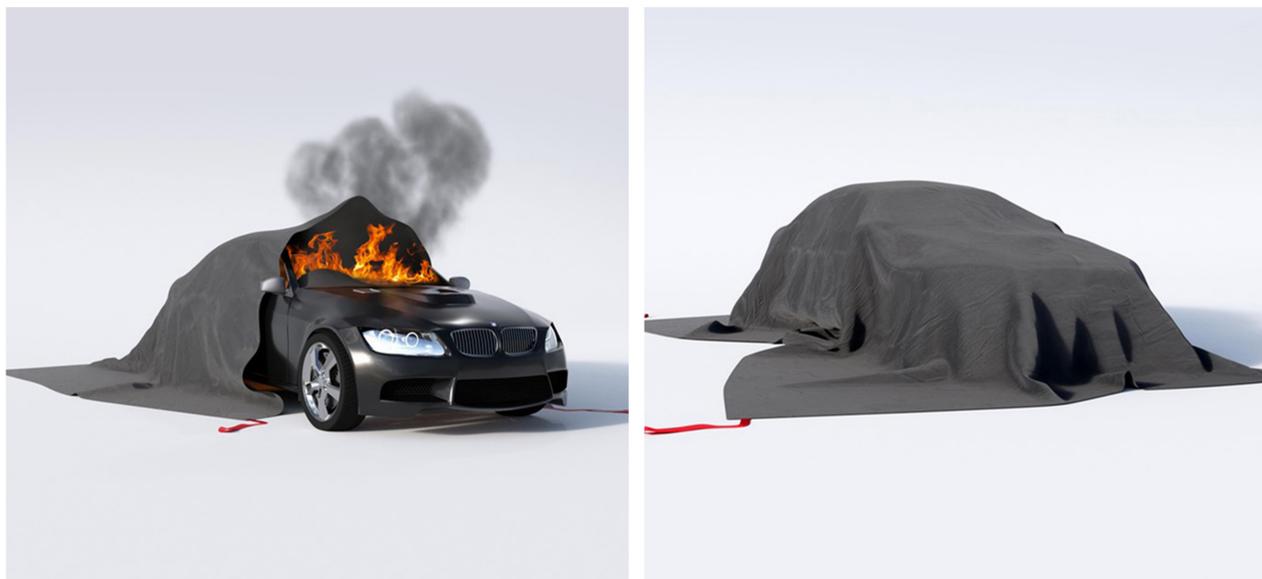
Specification and model	Gram weight (g/square))	Thickness (millimeters)	Colour	Width (meters)
H200-A107	240	0.2	Bright silver	1.0, 1.2,
H430-A112	470	0.4		1.0, 1.2,
H580-A114	640	0.6		1.0, 1.2
H780-A114	840	0.8		1.0, 1.2

Note: It can be divided into strips according to customer requirements.

电动汽车灭火毯

Electric vehicle fire blanket

In view of the characteristics of the battery fire, the high temperature glass fiber material is used, and the surface is double-sided silicone coating. This material has high tear resistance, extremely long durability, and the long-term temperature resistance is up to 1000 °C, and the short-term temperature resistance is up to 1300 °C. In the process, the use of water, foam and other traditional fire extinguishers can effectively avoid the impact of electric vehicle fire on other objects in the environment.



Product Introduction

Electric vehicle fire blankets are a simple and effective solution that can control a vehicle fire at the beginning! It helps to extinguish early fires by depriving oxygen, greatly reducing the emissions of toxic and opaque smoke, preventing another accident, and preventing fires from spreading to other vehicles.



Product features

1. It prevents vehicle flashover by suffocating flames and depriving oxygen!
2. Avoid spreading the fire to other vehicles or surrounding infrastructure while waiting for firefighters to arrive.
3. It can prevent the spread of thick toxic smoke, making it easier for firefighters to control the fire, so that they can quickly and easily extinguish it.
4. If a vehicle catches fire, quickly isolate the burning vehicle to prevent it from completely burning, prevent the spread of the fire, and stop releasing smoke.
5. Restrict losses caused by accidents
6. Enable firefighters to control the fire with minimal means and in the

Conventional products

Specification and model	Size	Temperature resistance	colour
FB-2-23Si	2x3m	550°C/800°C/1100°C	Silver, Gray, Red
FB-2-34Si	3x4m		
FB-2-68Si	6x8m		
FB-2-69Si	6x9m		
FB-2-1010Si	10x10m		

Note: Customized sizes can be made according to customer requirements.

灭火毯

Fire Blanket

Non flammable, heat-resistant (550-1100 °C), soft, smooth, tight, and non irritating to the skin,It is an ideal and effective outer protective layer for people and objects that need to be kept away from heat sources, and it is very easy to wrap the watch Objects with uneven surfaces can be reused without damage.



Product Introduction

Fire blankets, also known as fire blankets, are fabrics woven from materials such as fiberglass through special processing,It can isolate heat sources and flames, and can be used to extinguish oil pot fires or cover oneself for escape.



Fire extinguishing principle

Cover the fire source and block the air to achieve the purpose of extinguishing the fire.

Conventional products

Specification and model	Size	Temperature resistance	colour
FB1010	1.0x1.0m	550°C	White, orange
FB1212	1.2x1.2m		
FB1218	1.2x1.8m		
FB1515	1.5x1.5m		
FB1818	1.8x1.8m		
FB2020	2.0x2.0m		

Note: Customized sizes can be made according to customer requirements.



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