

产品画册



# 玻璃纤维及制品

Glass fibre and its products



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赣州沃尔夫贸易有限公司

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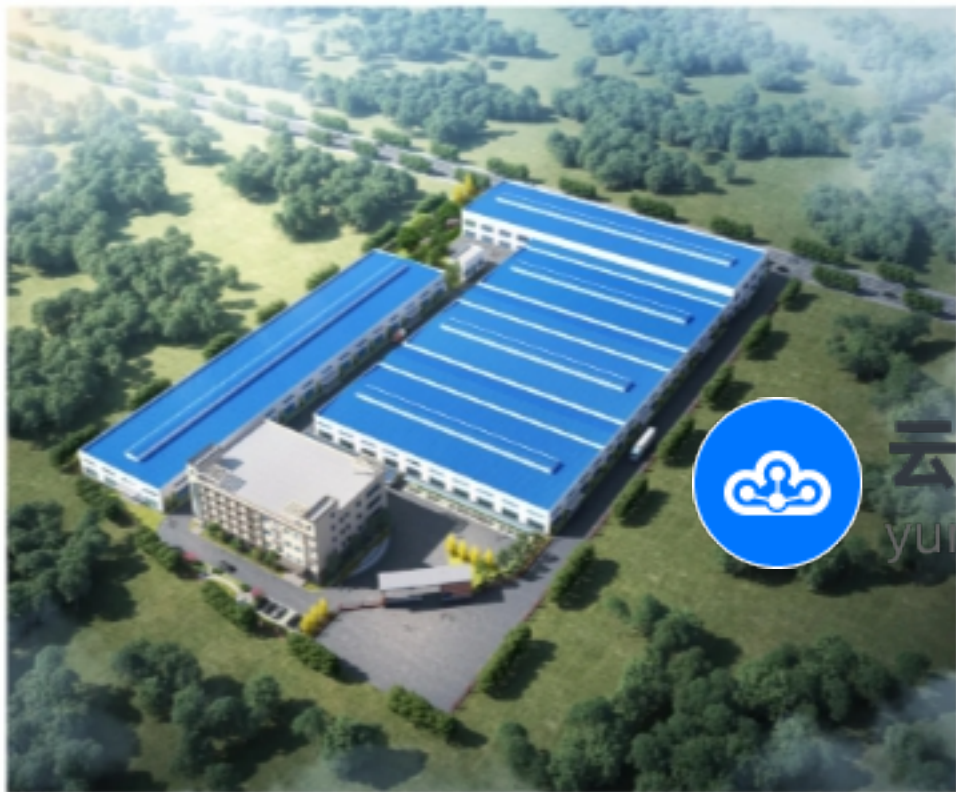
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● 公司介绍 Company Profile ●



Ganzhou Wolfe Trading Co. , Ltd. is a large Chinese manufacturer and exporter of fiberglass and its products, our main products are fiberglass yarn, fiberglass mesh cloth, fiberglass industrial cloth, fiberglass self-adhesive tape, fiberglass fire blanket, fiberglass-covered aluminum foil self-adhesive cloth, etc. , welcome Chinese and foreign customers to negotiate procurement.

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Fiberglass is a kind of inorganic non-metallic material with excellent performance. Its advantages are good insulation, heat resistance, corrosion resistance and high mechanical strength, but its disadvantages are brittleness and poor wear resistance. It is made of pyrophyllite, quartz sand, limestone, dolomite, boronite and magnesite by high temperature melting, drawing, winding and weaving, its filaments range in diameter from a few microns to zero microns, about one-fifth the size of a human hair, and each bundle of filaments consists of hundreds or even thousands of individual filaments. Glass fibers are commonly used as reinforcements in composites, electrical insulation and thermal insulation materials, circuit boards and other areas of the national economy.



## ● 玻璃纤维纱 Glass fiber yarn ●

The twist yarn of glass fiber is made of medium alkali-free glass balls, which are heated to high enough temperature and melted by crucible drawing technique, the semi-finished products of glass fiber, which are made by winding and twisting, have a wide range of properties and uses. The fineness is  $11\mu\text{m} \sim 13\mu\text{m}$ , and the products are as fine as silk, soft as cotton, tensile strength, color silver, non-toxic tasteless, acid and alkali resistance, corrosion resistance, high temperature resistance, good insulation, widely used in building materials, petroleum, chemical insulation materials, in particular, it became the main material for making FRP.



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Application: glass fiber yarn is mainly used as electrical insulation material, industrial filter material, anticorrosion, moisture-proof, heat insulation, sound insulation, shock absorption material, but also as reinforcing material. Glass fiber yarns are used far more widely than other types of fibers to make reinforced plastics, glass yarns or products such as reinforced rubber, reinforced gypsum and reinforced cement, glass fiber yarn organic material covered with glass fiber can improve its flexibility, used to make packaging cloth, window screen, wall cloth, covering cloth, protective clothing and insulation, sound insulation materials. Medium alkali twist yarn: mainly used for weaving wall mesh cloth, grinding wheel reinforced mesh cloth, glass fiber filter cloth. Alkali-free twisted yarn: mainly used for insulation, corrosion resistance, heat insulation and other purposes of the textile, as well as for the insulation winding of silk-clad wire.



## Product Introduction:



Plain weave structure: compact, flat, clear pattern, suitable for insulation materials, reinforcement materials and most industrial applications. Twill weave: compared with plain weave fabric, using the same warp and weft yarn can form high density, high strength, soft and loose fabric structure. Suitable for common reinforcements, fire blankets, air dust filter materials, coating substrate products.

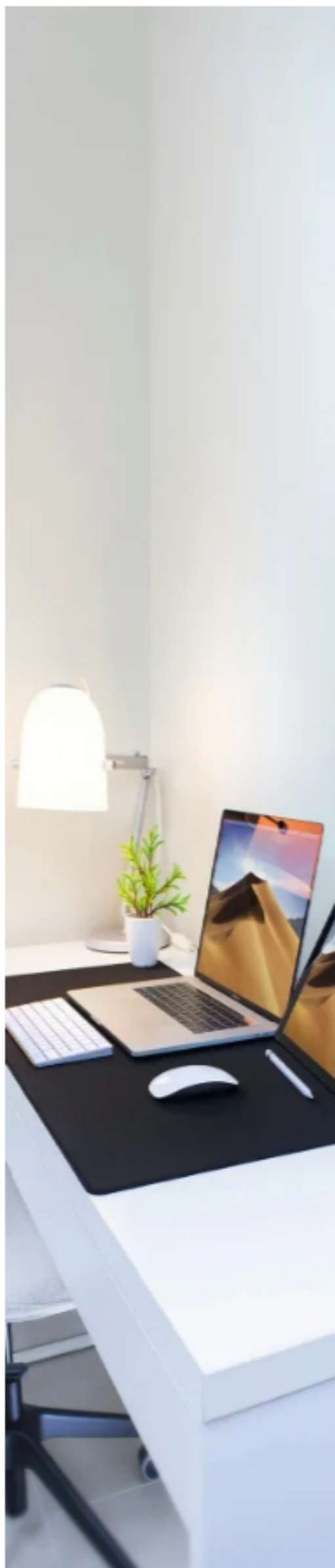


◆ Glass fiber industrial fabric mainly includes glass fiber plain weave fabric, glass fiber twill fabric, and glass fiber satin fabric. Plain weave fabric, twill fabric, and satin fabric, due to their unique chemical and physical properties, can be combined with other materials to derive various related materials with a wide range of applications. They are excellent insulation materials and ideal substitutes for asbestos fabric. They have characteristics such as high tensile strength in both vertical and horizontal directions, breathability, water resistance, and good sealing performance, and are mainly used for the preparation of fire prevention, insulation, and sound insulation materials.

Plain weave structure: It has a compact structure, a flat structure, and clear patterns, suitable for most industrial applications such as electrical insulation materials and reinforcement materials.



## ● 玻璃纤维网格布 Fiberglass mesh cloth ●



Glass fiber mesh cloth is a new type of alkali-resistant product, which is made of medium alkali or alkali-free glass fiber yarn, woven into glass fiber mesh cloth as substrate, and then dried by coating acrylic acid copolymer solution



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The fiberglass mesh fabric has good alkali resistance, flexibility and high tensile strength in both warp and weft directions. The product has high strength, good substitution, good compliance and outstanding positioning, it is widely used in wall reinforcement, exterior wall insulation, roof waterproof, and can also replace cement, plastic, asphalt, marble, mosaic and other wall materials.

### Product applications

- ◆ Application of alkali-resistant glass fiber mesh in exterior wall thermal insulation system
- ◆ Application of alkali-resistant fiberglass mesh in roof waterproofing system
- ◆ Application of alkali-resistant glass fiber mesh in stone reinforcement



## Product specifications

specifications	Density order		fabric weight (g/m <sup>2</sup> )	tensile strength N/5cm*20cm		Weave	resin content(%)	notes
	chaine	weft		horizontal	vertical			
CNP60-5×5	5	5	60	≥750	≥700	Leno	18	Internal wall crack resistance
CNP70-5×5	5	5	70	≥750	≥700	Leno	18	Internal wall crack resistance
CNP80-5×5	5	5	80	≥750	≥800	Leno	18	Internal wall crack resistance
CNP100-5×5	5	5	100	≥750	≥1000	Leno	18	Internal wall crack resistance
CNP130-5×5	5	5	130	≥1180	≥1250	Leno	18	External wall insulation
CNP145-5×5	5	5	145	≥1180	≥1350	Leno	18	External wall insulation
CNP160-5×5	5	5	160	≥1200	≥1450	Leno	18	External wall insulation
CNP160-4×4	6	6	160	≥1300	≥1650	Leno	18	External wall insulation
CNP80-10×10	2.5	2.5	80	≥1000	≥1000	Leno	18	Flue, components
CNP110-10×10	2.5	2.5	110	≥2000	≥2000	Leno	18	Flue, components
CNP250-3×7×10	5	5	250	≥2200	≥2300	Leno	18	Ceramic tile hanging net
CNP250-3×7×10	5	5	300	≥2500	≥2900	Leno	18	Ceramic tile hanging net

## ● 玻璃纤维消防灭火毯 Fibreglass fire blanket ●



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### Product characteristics

Glass fiber fire blanket is mainly made of glass fiber fabric, which is processed by special process. Main features: non-flammable, High Temperature (550 ~ 1100 degrees), compact structure, non-irritating, soft and flexible texture, easy to wrap uneven surface of the objects and equipment. The fiberglass fire blanket can protect the object away from the hot spot and spark area, and completely prevent or isolate the combustion.



## ● 玻璃纤维自粘网格带 ●

## Glass fiber self-adhesive mesh tape



### Product characteristics



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Glass fiber self-adhesive tape is made of high quality glass fiber fabric coated with acrylic copolymer and cut into pieces, so we develop and produce glass fiber seam self-adhesive tape not only has other similar products incomparable advantages.

- ◆ Excellent alkali resistance,
- ◆ high tensile strength and resistance to deformation,
- ◆ excellent self-adhesive property,
- ◆ simple and convenient,
- ◆ easy to operate

Regular Size:

1 mesh: 3 mm × 3 mm

2 weight: 70 g -- 80 g

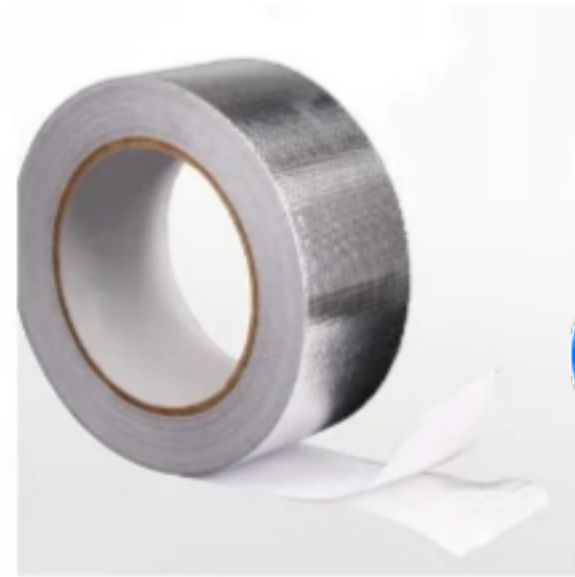
3 length: 50 m — 100 m

4 size: 5 cm 8 cm 10 cm

5 color: white, or other colors

6 per roll blister packaging, every 20 rolls or 40 rolls of a carton packaging

● 玻璃纤维铝箔布 Fiberglass aluminum foil cloth ●



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Application field:  
Aluminum foil composite, adhesive coating, pipe bandaging, waterproof application, electrical insulation, non-metal compensator, etc

**Product introduction:**

Braided by high strength glass fiber yarn, because of its unique chemical and physical properties, and other materials after composite, can be derived from a wide range of applications of a variety of related materials.

Special point: The product is made of glass fiber cloth aluminum foil veneer, coated with high adhesion, high initial viscosity rubber pressure sensitive adhesive. The glass fiber cloth aluminum foil surface is a good match for the glass wool board air duct and the galvanized iron sheet air duct system, providing excellent water vapor tightness. The soft fiberglass foil paste also matches well with rounded corners and irregular surfaces.



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