



Huayuan New Material Co., Ltd.

● ABOUT US

Huayuan Group consists of Jiangxi Huayuan New Material Co., Ltd. and Jiujiang Huayuan New Material Co., Ltd., etc related 7 fiberglass industrial chain companies. The company currently has two production bases in Ganzhou and Jiujiang, Jiangxi, among which Jiangxi Luobian Glass Fiber Co., Ltd. was established in October 2001.

In June 2021, Jiujiang Huayuan New Material Co., Ltd. was established and started construction, which covers an area of 319 million m² with a total investment of 6 billion RMB. It is planned to produce 350 thousand tons of fiberglass roving/yarn, 600 million m² of fiberglass mesh, and 100 million m² of industrial fabrics per year. The first phase of the project with an annual output of 80 thousand tons of fiberglass roving/yarn has been put into production and reached the standard quality.



●Huayuan Group Organization

E-grade Fabric

Product Introduction

Fabrics for PCB are adopted electric grade fiberglass and processed in plain textile by air jet machines and with surface chemical treatment.

Product Features

Excellent electric insulation, fire-resistance, high temperature resistance, weather resistance, high strength, high modulus.

Applications

It's widely used in printed circuit board, fire protection board, insulation board and highly-required reinforced materials in wind power generation, aerospace, military industries.

Grinding Wheel Mesh

Product Introduction

Grinding wheel mesh is a mesh textile which is made of E fiberglass or C fiberglass with silane coupling agent on rapier machines, which feature high warp&fill strength, stable size and good chemical-resistance.

Applications

Ideal structural reinforcing material for resin grinding wheel, which is widely used in metal cutting and grinding area.

Fiberglass Self-adhesive Drywall Joint Tape



Fiberglass Texturized Cloth



Filtering Fabric



Glass Fiber Yarn

Product Introduction

The glass fiber yarn produced by the company includes alkali-free direct non-twisted textile yarn, twisted single-ply or multi-ply yarn. Alkali-free glass fiber yarn is a kind of inorganic non-metallic material with excellent performance, which is composed of silica, alumina, calcium oxide, boron oxide, magnesium oxide, sodium oxide, etc.

Product Features

Alkali-free glass fiber yarn has higher temperature resistance, incombustibility, corrosion resistance, heat insulation, sound insulation, high tensile strength and good electrical insulation than organic fiber.

Product Applications

Glass fiber is mainly used as electrical insulation material, industrial filter material, anti-corrosion, moisture-proof, heat insulation, sound insulation and shock absorption material. It can also be used as a reinforcing material to manufacture reinforced plastics (see color picture) or reinforced rubber, reinforced gypsum, reinforced cement and other products. Glass fiber coated with organic materials can improve its flexibility, and can be used to make packaging cloth, window screen, wall covering, covering cloth, protective clothing, electrical insulation and sound insulation materials.

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Aluminum Foil Fiberglass Cloth

Product Introduction

Aluminum Foil Fiberglass Cloth is composed of aluminum foil, fiberglass cloth and glue. After laminating with special flame-retardant adhesive, a dense film is formed. The surface of the composited aluminum foil is smooth and flat, with high light reflectivity, high longitudinal and transverse tensile strength, airtight, watertight, and good sealing performance. It has the characteristics of high shielding rate, and strong material toughness.

Applications

- Equipment piping
- Construction industry
- Automotive and Transportation
- Industrial protection

Aluminum Foil Fiberglass Cloth Tape

Product Introduction

Aluminum foil fiberglass cloth tape is a new type of thermal insulation material formed by compounding aluminum foil and fiberglass cloth through a special process. It has excellent water vapor barrier performance, extremely high mechanical strength and oxidation resistance, strong cohesion, corrosion resistance, and weak acid and alkali resistance. It is suitable for the splicing of pipe closures, the heat insulation and water vapor barrier of HVAC air pipes, cold and warm water pipes, especially the pipe sealing in the shipbuilding industry.

Fiberglass Mesh

Product Introduction

Fiberglass mesh is a kind of leno-woven textile made by C-glass / E-glass fiber as the base material, and then coated with acrylic latex, It has good alkali resistance, flexibility and high tensile strength.

Product Features

Alkali-resistant acid-resistant, good chemical stability, low elongation, excellent fixation, high tensile strength anti-impact, light-weight, mould-resistant, epoxy compatible, etc.

Applications

EIFS(Exterior Insulation Finishing System), cement products, marble/mosaic backing, partition board, Mgo board, Fireproof board, gypsum products, roof waterproofing, GRC, etc.

Fiberglass Mesh Cut Roll

(Fiberglass Mesh Tape)

Product Introduction

Fiberglass Mesh Cut Roll is made by slitting coated fiber glass mesh. It's featured by good alkali-resistance and high tensile strength, therefore it's widely used for the reinforcement for PVC corner bead and waterproofing membrane.

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