

*FIBERGLASS YARNS &  
MESH & FABRICS*  
**–PRODUCTS BROCHURE**

Add: #236 Beijing Road, Rizhao City, Shandong Province, China.  
Tel: +86-633-3691680  
Fax: +86-633-8017391  
E-mail: [sales@fiberglassscreenmesh.com](mailto:sales@fiberglassscreenmesh.com)

[www.fiberglassscreenmesh.com](http://www.fiberglassscreenmesh.com)

# ABOUT XINGYING

Shandong Xingying International Trading Co., Ltd. is a professional company specializing in the production of fiberglass products. Main products include fiberglass yarns, fiberglass mesh & cloth, fiberglass tape, fiberglass needle mat, fiberglass sunshade screen, fiberglass woven roving, combo mat, fiberglass chopped strand mat and fire blanket.

Since its foundation in 1985, the factory is engaged in the production and export of various fiberglass products for different uses. Main export market presently centers on Europe, America, Japan, the Middle East, Africa, South Korea, and Australia, etc. The company has been awarded as one of the best suppliers from the Fortune 500 clients over the past few years. We willing to provide the highest quality products and the first-class service for both domestic and international customers.

If you are interested in purchasing fiberglass products for your project, please do not hesitate to contact us. We are looking forward to forming business relationships with any customer from all over the world.



**Variety Complete**



**Adequate Inventory**



**Reasonable Price**



**Efficient Service**

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# Fiberglass Yarn

Fiberglass yarn is commonly used for reinforcement, filtration or insulation in industry, construction, water treatment, communal facilities, electric power industry, fire proofing system and so on. It is made of glass spheres which are melted at high temperature in platinum-rhodium bushing and cooled rapidly. Sometimes, it can be alternative to asbestos products.

## ADVANTAGES

- Close winding and convenient unwinding.
- Light weight, high tensile strength.
- Smooth finishing and uniform color.
- Low thermal conductivity coefficient.
- Fireproof, mouldproof and mothproof.
- Good electrical insulation.
- Low static, excellent mechanical properties.

## YARN TYPE



Twisted



Direct roving



Texturized



Chopped strand

## TECHNICAL PARAMETER

### • Material:

General fibers: E-glass.  
Special-purpose fibers: C-glass, S-glass, D-glass, A-glass, E-CR-glass, ultrapure silica fibers, hollow fibers and trilobal fibers.

### • Yarn type

Configuration: Texturized yarn, direct roving yarns, piled yarn, single yarn, twisted yarns.

Form: continuous filaments, chopped strands.

Package: beamed yarn, creel yarn.

### • Direction of twist: Z twist and S twist.

### • Diameter

Spun yarn: 3–10 μm.

Roving yarn: 10–24 μm.

### • Ductility: 30%.

### • Linear density: 120 tex – 2400 tex.

### • Moisture content: < 0.1%.

### • Tensile strength: 1500–4000 Mpa.

### • Breaking strength: ≥ 300 N.

### • Thermal conductivity: 0.03 kcal/mCh.

### • Surface treatment: PVC coated, PTFE coated, vinyl coated

### • Color: black, white, gray, red, black, blue.

## APPLICATION

### • Function

Reinforcement.

Filtration.

Insulation.

### • End products

Sport equipment.

Insect screen.

Vehicle manufacturing.

FRP pressure vessels.

Sunshade screen.

Cooling towers.

CNG gas cylinder.

Construction materials.

Sucker rod.

FRP fabric.

Railway traffic equipment.

Cable chute.

FRP grating.

Game facilities.

Tube/pipe production.

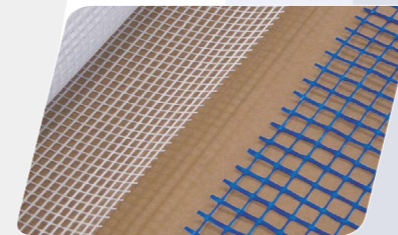
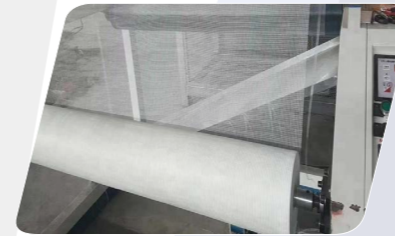
### • Far to many to mention.

# Fiberglass mesh

Fiberglass mesh, can be made from several of types of fiberglass yarns, is a inorganic non-metallic material with excellent properties. It is widely used in reinforcing walls, natural marble, plaster board, artificial stone materials and exterior insulation finishing system. Black silicone coated fiberglass mesh is also available.

## ADVANTAGES

- Smooth finishing and uniform color.
- High tensile strength, small elongation (3%).
- Good impact resistance and not easy to be teared.
- Low thermal conductivity coefficient.
- Excellent chemical resistance, small water absorbent.
- High elasticity and rigidity.



## TECHNICAL PARAMETER

- **Material:** fiberglass yarn, modified acrylate copolymer glue.
- **Yarn type:** C-glass, E-glass.
- **Mesh size:** 4 × 4, 5 × 5, 7 × 7, 8 × 8, up to 12 × 12 mm.
- **Mesh shape:** square .
- **Width:** 0.2–2.5 m.
- **Roll length:** 20–500 m.
- **Plastic coated layer:** ≥ 20 g/m<sup>2</sup>.
- **ZrO<sub>2</sub>:** (14.5±0.8)%.
- **TiO<sub>2</sub>:** (6±0.5)%.
- **Strength retention rate:** ≥ 90%.
- **Weight:** 30, 45, 75, 145, 160, 165, up to 500 g/m<sup>2</sup>.
- **Color:** white (normal), orange, blue, green, any colors available.

## INVENTORY SPECIFICATIONS OF ALKALI RESISTANT FIBERGLASS MESH

Type	Mesh size	Mesh size	Weight	Tensile Strength
	mm	mesh/inch	g/m <sup>2</sup>	N/5 cm Warp × weft
4 × 4 × 80 g	4 × 4	6 × 6	80	700 × 600
4 × 4 × 90 g	4 × 4	6 × 6	90	700 × 700
4 × 4 × 140 g	4 × 4	6 × 6	140	1350 × 1200
4 × 4 × 160 g	4 × 4	6 × 6	160	1350 × 1400
4 × 5 × 80 g	4 × 5	6 × 5	80	500 × 800
4 × 5 × 110 g	4 × 5	6 × 5	110	750 × 1050
4 × 5 × 140 g	4 × 5	6 × 5	140	1300 × 1300
5 × 5 × 60 g	5 × 5	5 × 5	60	500 × 500
5 × 5 × 80 g	5 × 5	5 × 5	80	500 × 700
5 × 5 × 125 g	5 × 5	5 × 5	125	950 × 1500
5 × 5 × 145 g	5 × 5	5 × 5	145	1300 × 1500
5 × 5 × 160 g	5 × 5	5 × 5	160	1300 × 1700
4 × 4.5 × 115 g	4 × 4.5	6 × 5.5	115	700 × 1300
10 × 10 × 110 g	10 × 10	2.5 × 2.5	110	1000 × 1200
10 × 10 × 125 g	10 × 10	2.5 × 2.5	125	1000 × 1400
10 × 10 × 145 g	10 × 10	2.5 × 2.5	145	1300 × 1500
12 × 12 × 110 g	12 × 12	2.5 × 2.5	110	1000 × 1200
12 × 12 × 125 g	12 × 12	2.5 × 2.5	125	1000 × 1400
2.85 × 2.85 × 50 g	2.85 × 2.85	9 × 9	50	500 × 500
2.85 × 2.85 × 60 g	2.85 × 2.85	9 × 9	60	500 × 550

## APPLICATION

- Insect screen.
- Sunshade screen.
- Construction wall insulation.
- Plastering work.
- GRC reinforcement.
- Wall repair.
- Roof waterproofing.
- Grinding wheel base fabric.



# Fiberglass Cloth

Fiberglass cloth, a type of lightweight reinforced fabric, can be combined with a suitable resin (include polyester, epoxy or vinyl ester resins) to form a waterproofing and abrasion-resistant layer on wood or other surfaces during use. Medium weight fiberglass cloth is also available for greater strength and overall rigidity.

## ADVANTAGES

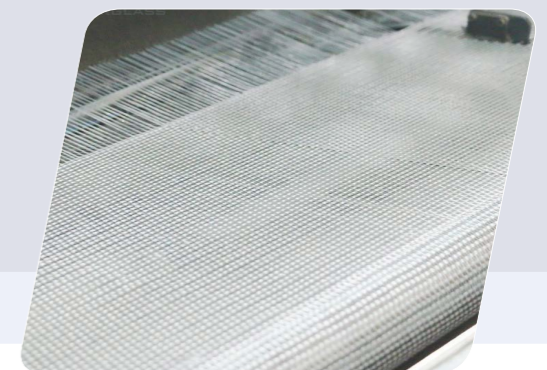
- Create a clear, laminate & natural wood finish.
- High tensile strength, elasticity & rigidity.
- Low thermal conductivity.
- Excellent fire and heat resistance.
- Low static, excellent mechanical properties.
- Excellent chemical resistance, small water absorbent.

## TECHNICAL PARAMETER

- **Material:** Fiberglass yarn.
- **Yarn type:** C-glass, E-glass, S-glass.
- **Wave type:** plain woven.
- **Thickness:** 0.3 mm.
- **Width:** 1, 1.2, 1.5 m.
- **Length:** 10, 15, 20, 30 m.
- **Full roll length:** 110, 125, 130 m.
- **Yarns/inch:** 16 × 14.
- **Weight:** 2, 4, 6, 10, 12, up to 75 oz.
- **Breaking Strength:** 100–300 lbs.
- **Alkali content:** alkali free.
- **Color:** white (normal), orange, blue, green, any colors available.

## APPLICATION

- Model airplane.
- Small boat building.
- Surfboard making.
- Sailboard making.
- Sandwich core panel.
- Repair applications.
- Waterproofing layers.



# Fiberglass Tape

Fiberglass tape can be divided into three types: fiberglass filament tape, fiberglass mesh tape and fiberglass cloth tape. It is self-adhesive and repositionable for strong, fast and easy to use. Each product has non-raveling edges for a clean, professional-looking appearance. Sometimes it can be used over epoxy fillets on plywood stitch and glue boats.

## ADVANTAGES

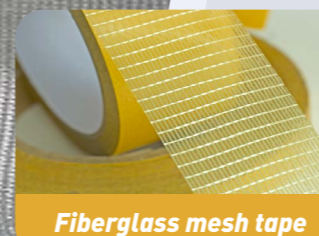
- Self-adhesive for easy application.
- Excellent fire and heat resistance.
- Non-raveling edges for finished appearance.
- Good electrical insulation, precise dimensions.
- High tensile strength, no stretch or shrink.
- Excellent chemical resistance, low thermal conductivity.



## STYLES



Fiberglass filament tape



Fiberglass mesh tape



Fiberglass cloth tape

## TECHNICAL PARAMETER

- **Material:** Fiberglass yarn, fiberglass mesh, fiberglass cloth.
- **Addition agent:** Modified acrylate copolymer, self-adhesive glue.
- **Yarn type:** C-glass, E-glass, S-glass.
- **Mesh size:** 3 × 3, 8 × 8, 9 × 9 mm.
- **Mesh shape:** square.
- **Width:** 20–100 m.
- **Roll length:** 20–150 m.
- **Plastic layer:** ≥ 20 g/m<sup>2</sup>.
- **ZrO<sub>2</sub>:** (14.5±0.8)%.
- **TiO<sub>2</sub>:** (6±0.5)%.
- **Working temperature:** 538 °C.
- **Strength retention rate:** ≥ 90%.
- **Weight:** 60, 65, 70, 75, 90 g/m<sup>2</sup>, etc.
- **Surface treatment:** PTFE coating, silicone coating.
- **Color:** white (normal), orange, blue, green, any colors available.

## INVENTORY SPECIFICATIONS OF FIBERGLASS TAPE

Category	Size	Density Count / 25 mm		Unit Weight g/m <sup>2</sup>	Tensile Strength ≥ N/5 × 20 cm		Woven Structure	Content of Resin %
		warp	weft		warp	weft		
Standard	65-8*8	8	8	65	550	450	Leno	28±2
	65-9*9	9	9	65	550	550	Leno	28±2
	75-9*9	9	9	75	550	650	Leno	28±2
Extra thin	75-20*10	20	10	75	700	700	Plain	28±2
High strength	110-9*9	9	9	110	1000	1000	Leno	28±2
	110-5*5	5	5	110	1000	1000	Leno	28±2

## APPLICATION

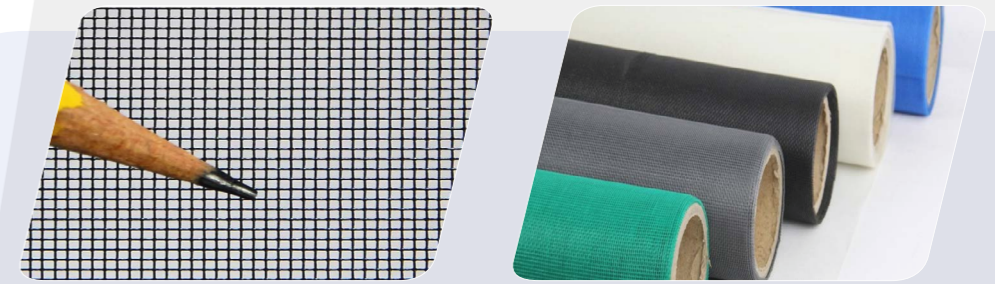
- Gassing seams.
- Chines.
- Keels.
- Bulkheads.
- Inside/outside joints.
- Sleeve, pipe & tank winding.
- Steam tracer line wrapping.
- Hot pipe protection.
- Exhaust manifold insulation.
- Strip curtains for oven doors.
- Tadpole tapes and gasketing.
- Oven/stove thermal seal.
- OEM equipment thermal seal.
- High-temperature industrial wrap.

# Fiberglass Insect Screen

Fiberglass insect screen enjoys graceful and generous appearance, suitable for all sorts of airy in salvation and preventing insect and mosquito. It is widely used in windows, gardens, patios, swimming pool enclosures to prevent mosquitoes, insects and so on. Compared with metal insect screen, fiberglass insect screen has the same excellent properties but cost-saving.

## ADVANTAGES

- *High strength, stable structure.*
- *Excellent fire and weather resistance.*
- *Good ventilation and transparency.*
- *Anti-moisture, anti-static.*
- *Outstanding UV, acid & alkali resistance.*
- *Easy washing, anti corrosion.*



## TECHNICAL PARAMETER

- **Material:** Fiberglass yarn.
- **Yarn diameter:** 31-34 gauge.
- **Woven type:** plain weave.
- **Mesh size:** 1 × 1, 1.2 × 1.2, 1 × 1.5, 14 × 16, 16 × 18, 14 × 14, 16 × 16, 17 × 19, 20 × 20 mm.
- **Mesh shape:** square.
- **Width:** 0.5-3 m.
- **Roll length:** 20-300 m.
- **Weight:** 90 g/m<sup>2</sup>, 115 g/m<sup>2</sup>, 130 g/m<sup>2</sup>, 150 g/m<sup>2</sup>, 180 g/m<sup>2</sup>.
- **Surface treatment:** vinyl coated, PVC coated.
- **Color:** white, black, grey, charcoal, any colors available.

## APPLICATION

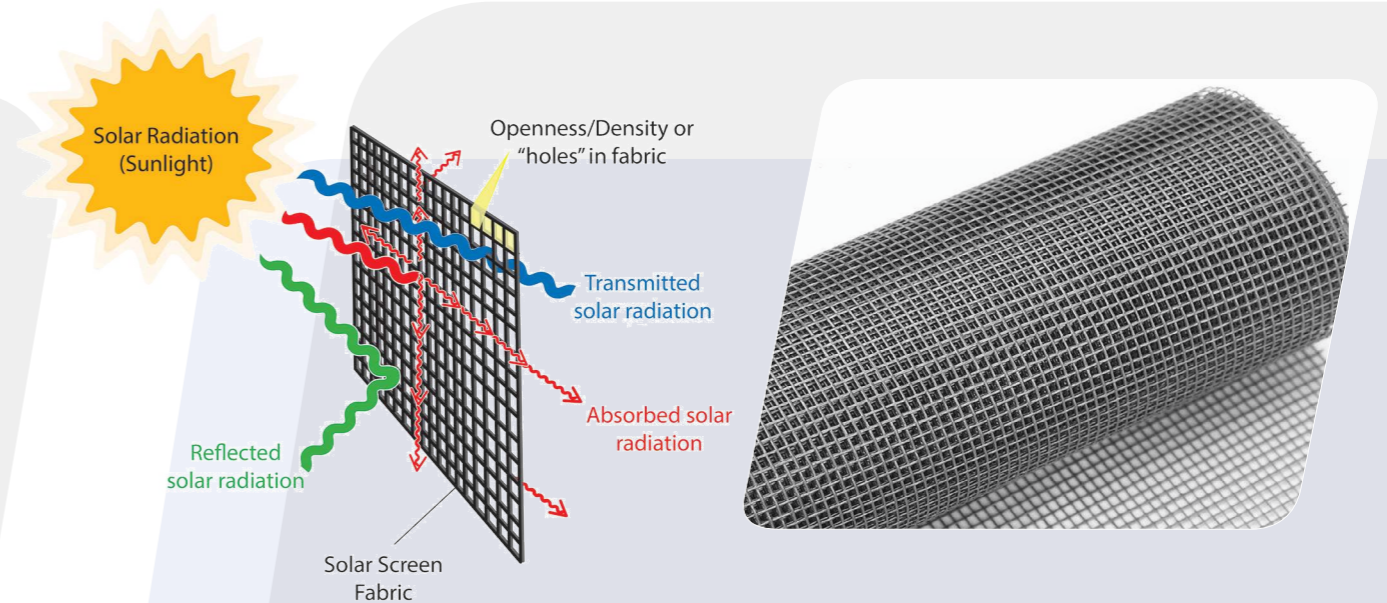
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|-------------------------------|-----------------------|
| • <b>Model airplane.</b>      | • <b>Function</b>     |
| Office building.              | Insect prevention.    |
| Residential area.             | Bugs against.         |
| • <b>Small boat building.</b> | Mosquito against.     |
| Windows.                      | Other insect against. |
| Door.                         |                       |
| Patios.                       |                       |
| Balconies.                    |                       |
| Pool.                         |                       |
| Garden.                       |                       |

# Fiberglass Sunshade

Sunshade screen fabric is made of PVC or vinyl coated fiberglass yarn through the process of plain weaving and special high temperature fixing. It is plain & neat, anti-ultraviolet & hence for sunshine rooms, hotel, offices as door screen, window screen, solar screen or blinds materials. This is the most effective way to control the sun's heat and glare and prevent it from getting into your window.

## ADVANTAGES

- Plain and neat appearance.
- Superior flame-resistance & heat-insulation.
- No color fading, anti corrosion.
- Excellent weather resistance, easy washing.
- Good ventilation and transparency.
- Good UV resistance and wrinkle recovery.



## TECHNICAL PARAMETER

- **Material:** Fiberglass yarn.
- **Yarn diameter:** 31, 32 gauge.
- **Woven type:** plain weave.
- **Mesh size:** 17 × 14, 17 × 15, 17 × 16, 18 × 14, 18 × 16, 18 × 18, 20 × 18, 20 × 20 mm.
- **Mesh shape:** square.
- **Width:** 0.6, 0.75, 0.86, 0.9, 1, 1.2", 1.5, 1.8, 2.1, 2.4, 2.7 m.
- **Roll length:** 20–300 m.
- **Weight:** 115 g/m<sup>2</sup>, 120 g/m<sup>2</sup>.
- **Breaking strength:** > 180 N.
- **Surface treatment:** vinyl coated, PVC coated.
- **Color:** white, black, grey, charcoal, any colors available.

## APPLICATION

### • Field

Sunshine room.  
Home.  
Hotel.  
Parking lot.  
Office building.  
Residential area.

### • Installation

Windows.  
Door.  
Patios.  
Porch.  
Balconies.  
Pool.  
Garden.

### • Function

Sunshade

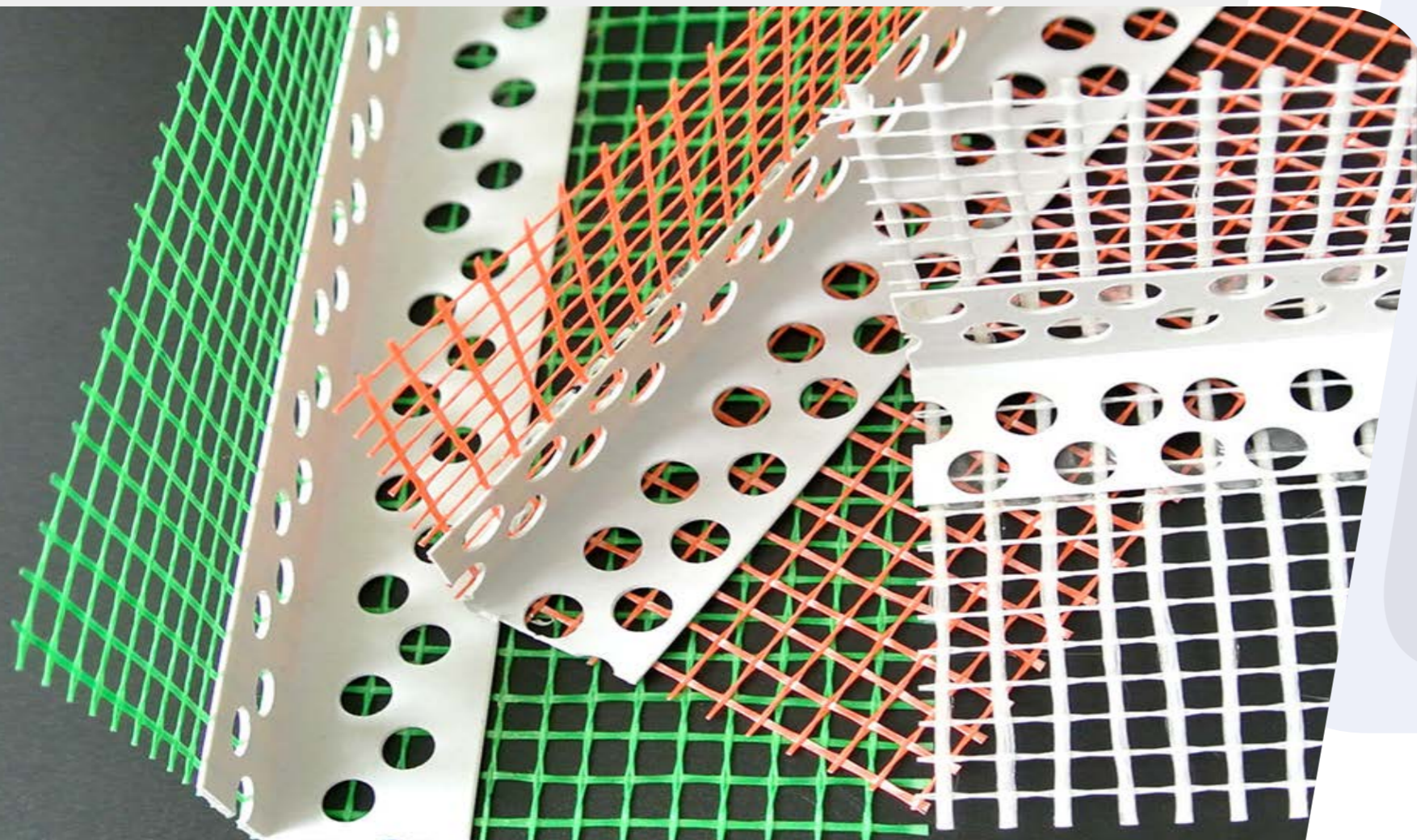


# Corner Bead With Fiberglass Mesh

PVC corner bead with fiberglass mesh consist of perforated PVC corner bead and reinforcing fiberglass mesh. It is a specific product designed for all 90 °C angle constructions. Round or square perforated openings on PVC corner bead are designed for easy operation of sealing onto the substrate. And the fiberglass mesh plays a reinforcement role that offers a added strength for the corner structure.

## ADVANTAGES

- Strong joint compound bonding.
- Improve construction efficiency and quality.
- Resistant to bumping and distortion.
- Easy cutting, bending and high durability.
- Environmental friendly and economical material.
- Lightweight, not perishable and easy to install.

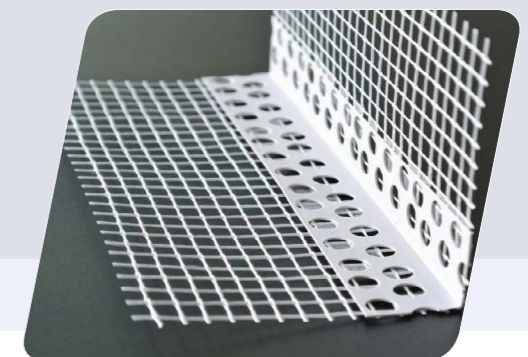
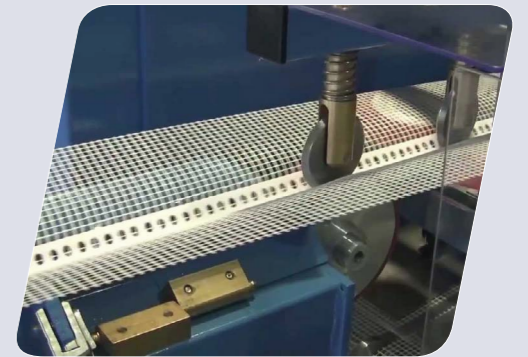


## TECHNICAL PARAMETER

- **Material:** PVC bonded with fiberglass mesh.
- **Hole type:** round, square, diamond, hexagon, triangle, or customized.
- **PVC corner bead**  
Wing width: 18 × 18, 20 × 20, 21 × 21, 25 × 25, 30 × 30 mm.  
Thickness: 1.0–2.0 mm.
- **Fiberglass mesh**  
Mesh size: 4 × 4, 5 × 5 mm.  
Width: 100 mm.
- **Length (common):** 2–3 m.
- **Weight:** 60–180 g/m<sup>2</sup>.
- **Color:** white (standard), brown, blue, orange, or customized.

## APPLICATION

- EIFS.
- Stucco projects.
- Drywall.
- Corners.
- Plaster walls.
- Bedroom corners.
- Kitchen angles.
- Ceiling corners.
- Doors.
- Eave angles.



# Fiberglass Needle Mat

Fiberglass needle mat is made of continuous fiberglass yarns or chopped strands, and then ceaselessly sewn by thousands of needles. There are no binder or other knitting material used to bond the mat together. Compared with woven filter material, its filter speed is twice as fast and up to 99.9% dust can be eliminated.

## ADVANTAGES

- *Abrasion resistance, high tensile strength.*
- *Skin friendly, not harmful to health.*
- *Good dimensional stability, anti-erosion.*
- *Low thermal conductivity.*
- *Good resin flowability & impregnation capability.*
- *Easy to cut, lightweight and flexible.*



## TECHNICAL PARAMETER

- **Material:** *high silica fiberglass yarn, E-glass fiberglass yarn.*
- **Thickness:** *3–25 mm.*
- **Width:** *0.9, 1, 2 m.*
- **Roll length:** *10 m.*
- **Density:**  
*High silica: 9.5–12 lb/ft<sup>3</sup>.*  
*E-glass: 6.3–13 lb/ft<sup>3</sup>.*
- **Work temperature:**  
**High silica**  
*Continuous working temp.: 2012 °F (1100 °C).*  
*Instant working temp.: 2552 °F (1400 °C).*  
**E-glass**  
*Continuous working temp.: 1022 °F (550 °C).*  
*Instant working temp.: 1472 °F (800 °C).*
- **TiO<sub>2</sub> Content:** *≥ 96%.*
- **Finish treatment:** *singeing, calendering, heat setting.*
- **Service life:** *> 4500 hours.*
- **Color:** *white (standard), gray, or customized.*

## APPLICATION

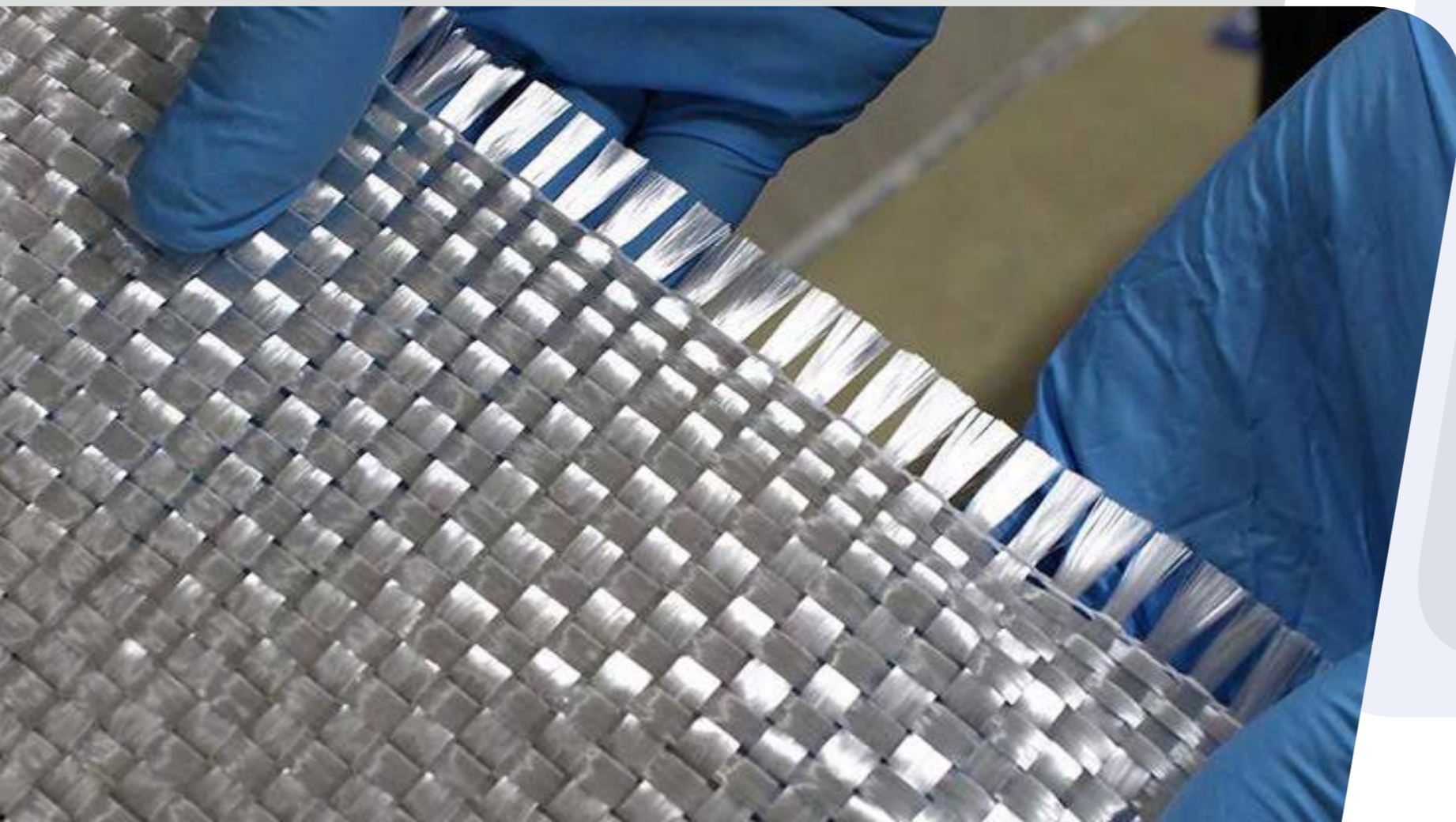
- **Field**  
*Aluminum industry.*  
*Petro-chemical industry.*  
*Furnace industry.*  
*Machinery.*  
*Household appliances.*  
*Autos and motorcycles.*  
*RTM, GMT and other molding processes.*
- **Field**  
*High temp filtration.*  
*Noise elimination.*
- **Apply to**  
*Fire safe door.*  
*Engine hoods.*  
*Laminated aluminum foil.*  
*Pulse dedusting.*  
*Removable insulation jacket.*  
*Pipeline, pump insulation.*  
*Roofing, wall heat insulation.*  
*Muffler material.*

# Woven Roving Fiberglass

Fiberglass woven roving is composed of direct untwisted rovings woven by a textile machine. It is a two-way reinforcement material which is compatible with unsaturated polyester, vinyl ester, epoxy and phenolic resins. In addition to these properties, it has good adhesion between layers and can be suitable for all kinds of bending and flat surface.

## ADVANTAGES

- Resistant to impact, high tensile strength.
- Good dimensional stability, anti-erosion.
- Low thermal conductivity.
- Good resin flowability & impregnation capability.
- Excellent bonding strength among laminates.
- Easy handling, cutting and processing.



## TECHNICAL PARAMETER

- **Material:** direct roving fiberglass yarn.
- **Glass type:** C-glass, E-glass.
- **Thickness:** 0.035–0.3 mm.
- **Weaving type:** plain woven, bidirectional interweaving.
- **Width:** 500–3200 mm.
- **Roll length:** 50–100 m.
- **Moisture content:**  $\leq 0.2\%$ .
- **Loss on ignition:** 0.4% – 0.8%.
- **Weight:** 80–120 g/m<sup>2</sup> (normal), can be up to 1700 g/m<sup>2</sup>.
- **Color:** white (standard), gray, or customized.

## APPLICATION

- Boat building.
- Aviation.
- Sports and entertainment facilities.
- Fiberglass process products.
- Sanitary ware.
- Composite tanks & tubes.
- Cooling towers.
- Armor/ballistic panels.



# Fiberglass Combo Mat

Fiberglass combo mat is a combination of woven roving and chopped fiberglass yarns. We use high strength polyester thread to stitch the distributed chopped strand layer and the woven roving fabric. Finished products are widely used in molding compressing, pultrusion, hand lay-up, RTM, vacuum and filament winding process.

## ADVANTAGES

- Good appearance smoothness.
- Good flexibility for different structures.
- Abrasion resistance, high tensile strength.
- Good dimensional stability, anti-erosion.
- Good resin flowability & impregnation capability.
- Good thermal stability, high mechanical strength.



## TECHNICAL PARAMETER

- **Material:** fiberglass yarn, chopped fiberglass strands.
- **Type:** biaxial, longitudinal triaxial, transverse triaxial, quadraxial.
- **Fiberglass type:** E-glass.
- **Woven type:** plain woven.
- **Thickness:** 0.035–0.5 mm.
- **Width:** 50–3200 mm.
- **Roll length:** 50–100 m.
- **Weight**
  - Area weight: 700–1700 g/m<sup>2</sup>.
  - Woven roving: 300–900 g/m<sup>2</sup>.
  - Chopped strands: 50–500 g/m<sup>2</sup>.
- **Moisture content:** ≤ 0.2%.
- **Wet speed:** ≤ 60 S.
- **Color:** white (standard), gray, or customized.

## APPLICATION

### • Process

Molding compressing.  
Pultrusion.  
Hand lay-up.  
RTM.  
Vacuum and filament winding.

### • End Products

FRP pressure vessele.  
Freezer.  
Air-conditioning shell.  
Yacht.  
Blade.  
Auto-mobile accessories.  
Pultruded pipes.  
Structural profiles.  
Other reinforced products.



# Fiberglass Chopped Strand Mat

Fiberglass chopped strand mat, short for CSM, is a type of non-woven fiberglass fabric. It is made of randomly distributed chopped strands. The short strands are held together with a powder or emulsion binder to form a mat. Finished products can be used with polyester resin to quickly build thickness for forming of parts and between layers of woven fabric for building molds.

## ADVANTAGES

- Can be used alone or in conjunction with fiberglass fabrics.
- High translucency, great mold similarity.
- Uniform thickness, excellent wet-out ability.
- Good flexibility for different structures.
- Good resin flowability & impregnation capability.
- Great covering and degassing properties.

## TECHNICAL PARAMETER

- **Material:** fiberglass chopped strands.
- **Fiberglass type:** E-glass, C-glass.
- **Yarn length:** 25–50 mm.
- **Width:** 100–3300 mm.
- **Roll length:** 50–100 m.
- **Width:** 50–3200 mm.
- **Roll length:** 50–100 m.
- **Weight:** 225–900 g/m<sup>2</sup>.
- **Moisture content**  
Powder bonded: ≤ 0.2%.  
Emulsion bonded: ≤ 0.5%.
- **Binder content:** 9% – 12%.
- **Resin compatibility:** polyester or vinyl ester resins.
- **Color:** white (standard), gray, or customized.

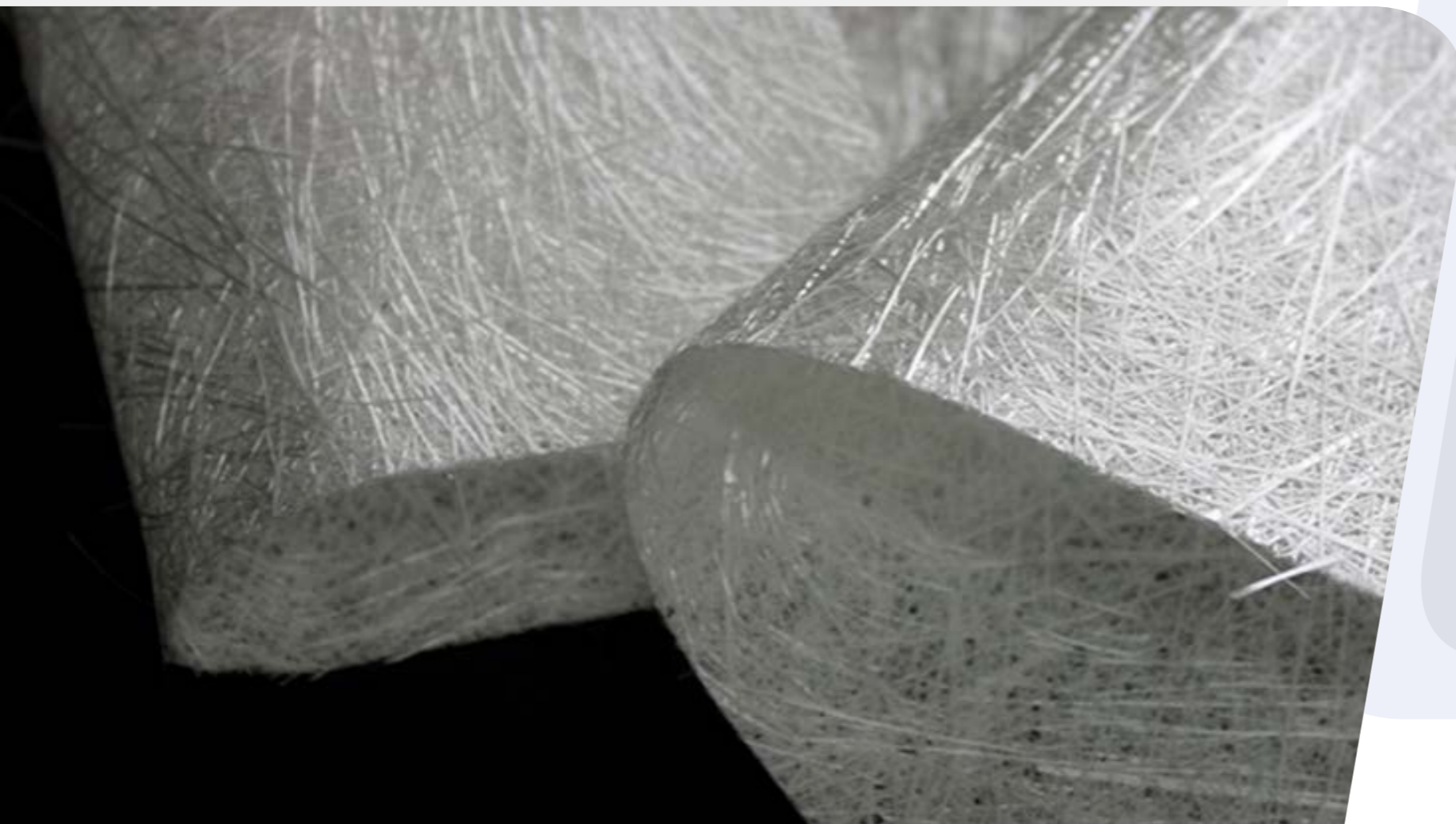
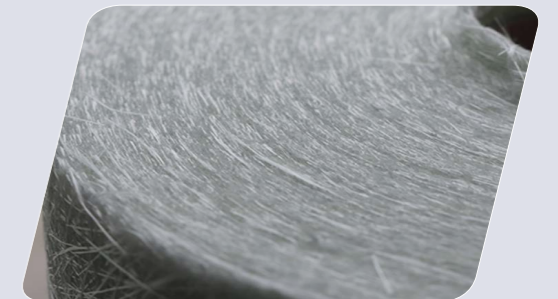
## APPLICATION

### • Process

Molding compressing.  
Pultrusion.  
Hand lay-up.  
RTM.  
Vacuum and filament winding.

### • End Products

Structure panels.  
Boats.  
kayaks, canoes & sub box.  
FRP roofing sheet.  
Auto-mobile accessories.  
Bathroom equipment.  
Mannequin.  
Anticorrosion pipeline.  
Repairing fiberglass parts.

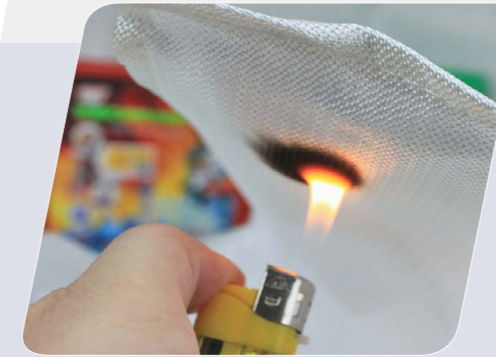


# Fiberglass Fire Blanket

Fiberglass fire blanket, a simple and practical fire retardant material, is made of silicon or graphite coated fiberglass yarns. It is designed for extinguishing incipient (starting) fires, such as small kitchen fire, welding spatters and hospital purpose. In emergency circumstances, it can shield yourself to escape from a burning building.

## ADVANTAGES

- *Welding blanket or emergency survival fire blanket.*
- *Compact structure and soft texture.*
- *Strong, safe and chemical resistant.*
- *For use on small and contained fires.*
- *Resistant to extreme heat.*
- *Quick and easy deployment.*



## TECHNICAL PARAMETER

- **Types:** *light-duty, medium duty, heavy duty, even extreme heavy duty.*
- **Material:** *fiberglass yarns.*
- **Fiberglass type:** *E-glass.*
- **Thickness:** *0.3–3.0 mm.*
- **Sizes:** *1.0 × 1.0, 2.0 × 1.5, 2.0 × 2.0 , 3.0 × 2.0 , 5.0 × 5.0 m.*
- **Weight:** *454, 1816, 2724 g.*
- **Working temperature:** *550 °C (1022 °F).*
- **Surface treatment:** *silicon or graphite coated.*
- **Color:** *white (standard), golden.*

## APPLICATION

### • Process

Home.  
Boat.  
Yacht.  
Hotels.  
Apartments.  
Condos.  
Holiday Rentals.  
Trailer Parks.  
Laboratory and industrial situation.

### • Industry

Welding & metal fabrication.  
Metals, iron & steel.  
Oil & gas.  
OEM.

### • Function

Welding/brazing/heat/spark/molten splash shield.  
Hose and cable heat & flame protection.  
Insulation/heat containment.

# APPLICATIONS OF FIBERGLASS PRODUCTS

