SCREEN SELECTION GUIDE

Product	Standard Fiberglass Insect Screen		Pool & Patio Screen		Small Insect Screen	Pet Screen	Pleated Insect Screen		Sunshade Screen		High Visibility Screen		Door Curtain		Coated Yarns
Specification	Fiberglass Insect Screen	Stiff/Advanced Stiff Fiberglass Insect Screen	Pool & Patio Screen	Pool & Patio Premium Screen	Small Insect Screen	Pet Screen	Polyester Pleated Insect Screen	Fiberglass & Polyester Mixed Pleated Insect Screen	Sunshade Screen	Sunshade Screen (Double warp & weft)	Better View Screen	PP Insect Screen	Door Curtain	Fiberglass Colored Curtain	Coated Yarns
Material	E-glass/ C-glass Fiberglass	E-glass/ C-glass Fiberglass	E-glass Fiberglass	Polyester	E-glass Fiberglass	Polyester	Polyester	Fiberglass & Polyester Mixed	E-glass Fiberglass	E-glass Fiberglass	E-glass Fiberglass	PP	E-glass/ C-glass Fiberglass	E-glass/ C-glass Fiberglass	E-glass/ C-glass Fiberglass
Yarn Diameter	0.28mm (0.011")	0.28mm (0.011")	0.33mm (0.013")	0.46mm (0.018")	0.33mm (0.013")	0.63mm (0.025")	0.28mm (0.011")	0.28mm (0.011")	0.28mm (0.011")	0.28mm (0.011")	0.2mm (0.008")	0.2mm (0.008")	0.28mm (0.011")	0.28mm (0.011")	0.28mm (0.011")
Mesh	18x16, 18x18, 17x15, 20x20, etc.	18x16, 17x15, 20x20, etc.	18x14, 17x13, etc.	17x14, 17x20, etc.	20x20	15x10, 15x11, 14x10, etc.	18x16, 20x20, etc. Pleated height: 12-20mm	18x16, 20x20, etc. Pleated height: 12-20mm	25x25	20x20 (Double warp& weft)	18x18, 19x19, 20x20, etc.	18x16, 19x19, 20x20, etc.	18x16, 17x15, etc.	20x20, etc.	N/A
Color															
Flame Resistance	√	√	√	√	√	√	√	√	√	√	√	×	√	√	√

★**Certification & Regulation:** ISO9001, ISO14001, ISO45001, REACH, RoHS, CA65, Flame resistance, Tensile test, PAHs test, Phthalates test, Cadmium-free test, Lead-free test.

*Customization:Guangri (Gold Screen) adheresto the principle of catering to customer needs. We make every effort to meet your requirements in mesh, color, size and package.

Standard Fiberglass Insect Screen

Fiberglass insect screen is the standard, classic window screen, and has been the most widely used one. The standard 18x16 mesh is the most flexible, economical, and easy-to-install screen, it is also the most versatile among all types of insect screens.

Besides the Standard Soft Fiberglass Screen,Guangri also offers Stiff Fiberglass Screen and Advanced Stiff Fiberglass Screen.









Fiberglass Insect Screen

Crafted with cutting-edge weaving techniques, this standard soft fiberglass insect screen is made from plain-woven PVC-coated fiberglass yarn finished under high temperature. It features advantages such as flame resistance, rust resistance, tear resistance, easy-to-clean, cold and heat resistance, mildew and borer resistance, stable structure, good ventilation, long service life, high strength, twists and turns resistance.

Application: Widely used in home use, livestock farming, gardening, agricultural, and industrial scenarios. It is ideal for installation on doors and windows for the purpose of fly, mosquito, and insect prevention, as well as ventilation.



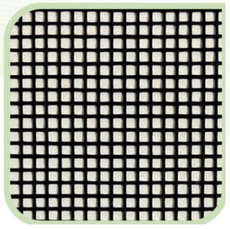
Material	E-glass/C-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	18x16, 18x18, 17x15, 20x20, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.4m
Length	Customizable, Max length: 1500m
Color	Black, charcoal matte, grey, white, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Stiff/Advanced Stiff Fiberglass Insect Screen

Stiff fiberglass features a slightly stiffer texture compared to standard soft fiberglass screens.

Application: Ideal for installation on various doors and windows, especially roller shades and sliding systems that demand certain fabric rigidity.



Material	E-glass/C-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	18x16, 17x15, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.4m
Length	Customizable, Max length: 1500m
Color	Black, grey, white, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.

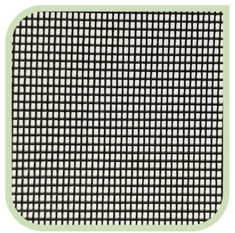


Pool and Patio Screen

Pool & Patio Screen

This product is woven from plain-woven PVC-coated E-glass fiberglass finished under high temperature. It features greater tensile strength, higher toughness, and longer service life. Despite its thickness, the screen provides excellent ventilation and mosquito prevention, allowing ample sunlight and a connection to nature.

Application: Tough and durable, specifically designed for swimming pools, patios, porches, and sunrooms.



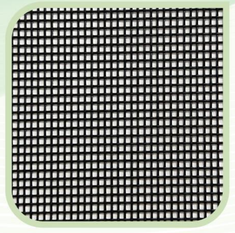
Material	E-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	18x14, 17x13, etc.
Yarn Diameter	0.33mm (0.013")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Black, grey, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



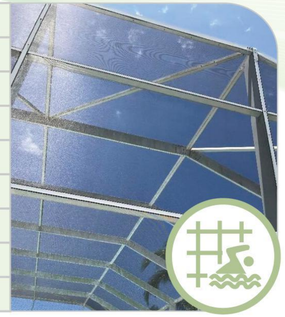
Pool & Patio Premium Screen

This product is woven from extruded polyester yarn. Polyester is known for its high toughness and tensile strength which make the screen more durable.

Application: Swimming pools, patios, porches, and sunrooms.



Material	Polyester
Composition	35% Polyester, 65% PVC Coating
Mesh	17x14, 17x20, etc.
Yarn Diameter	0.46mm (0.018")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Black, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.

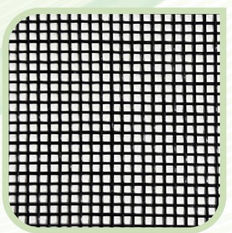


Small Insect Screen

Small Insect Screen

This product is made from plain-woven PVC-coated E-glass fiberglass finished under high temperature. With a 20x20 mesh size, this screen can more effectively prevent small insects from getting indoors.

Application: Widely used in scenes where insect prevention is essential such as balconies, swimming pools, patios, sunrooms, and gardens.



Material	E-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	20x20
Yarn Diameter	0.33mm (0.013")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Black, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.

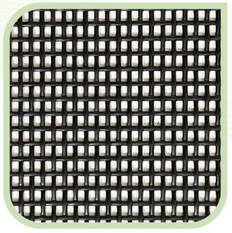


Pet Screen

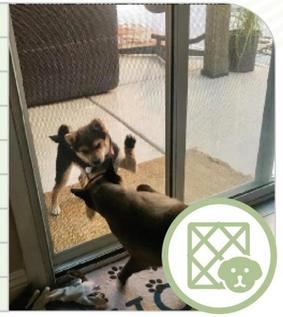
Pet Screen

Woven from extruded polyester, this product features an ultra-tough screen resistant to pet scratches while maintaining good visual and ventilation effects, allowing you to enjoy the fresh air of the outdoors.

Application: Widely used for doors, windows, patios, and balconies, especially for home environments with children and pets.



Material	Polyester
Composition	35% Polyester, 65% PVC Coating
Mesh	15x10, 15x11, 14x10, etc.
Yarn Diameter	0.63mm (0.025")
Width	Customizable, Max width: 2.6m
Length	Customizable, Max length: 1000m
Color	Black, dark grey, light grey, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Pleated Insect Screen

As the latest generation of mosquito screen, Pleated Screen is widely applied in horizontal and vertical movement systems. It is stylish, practical, and popular among customers because it provides both convenience and space economy. Guangri offers two types of Pleated Screens: Polyester Pleated Screen and Fiberglass & Polyester Mixed Pleated Insect Screen.

Application: They are suitable for any window or door system in your house to keep insects out while allowing you to enjoy natural sunlight. It can be easily installed in narrow spaces without causing any harm to doors or windows.





Polyester Supporting Thread

Durable and hardwearing cords specially designed for pleated insect screens.

A cord between the net layers provides protection against wind and frequent everyday use.



Material	Polyester
Diameter	0.8mm
Length	1500-1600m
Color	Black, grey

Polyester Pleated Insect Screen

This one is woven from PVC-coated polyester subjected to a special process that induces fabric rigidity before the screen is pleated. It is flame-retardant, easy-to-clean, cold-and heat-resistant, as well as mold- and pest-proof. In addition, it features a stable structure, great ventilation, long service life, and high strength.

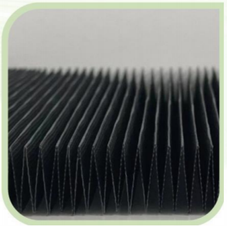


Material	Polyester
Composition	35% Polyester, 65% PVC Coating
Mesh	18x16, 20x20, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.05m
Length	Customizable, Max length: 100m
Color	Black, grey, etc.
Pleated Height	12-20mm
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Fiberglass & Polyester Mixed Pleated Insect Screen

Compared with Polyester Pleated Screen, Fiberglass & Polyester Mixed Pleated Insect Screen is designed to enhance the screen softness by neutralizing its hardness. This type of pleated screen is made with a hy-brid-weaving technique using interwoven PVC-coated polyester and fiberglass. This advanced technique offers the durability of the polyester that makes it less susceptible to damage while retains the qualities of fiberglass.



Material	Warp in polyester, Weft in fiberglass
Composition	35% Polyester&Fiberglass, 65% PVC Coating
Mesh	18x16, 20x20, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.05m
Length	Customizable, Max length: 100m
Color	Black, grey, etc.
Pleated Height	12-20mm
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Sunshade Screen

Sunshade Screen

Woven with an advanced loom to produce a 25x25 mesh count, the screen can partially block sunlight, offering a certain degree of privacy. It is woven from plain-woven PVC-coated E-glass fiberglass finished under high temperature. It features a stable structure, optimal ventilation, long service life, and high strength.

Application: Home windows and doors, RV doors and windows, garage, etc.



Material	E-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	25x25
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Black, grey, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Sunshade Screen (Double Warp & Weft)

Using a Double Warp & Weft technique based on traditional weaving technique, this product significantly improves sun-shading capabilities while ensuring effective ventilation and protection against small insects.

Application: Home windows and doors, RV doors and windows, garage, etc.



Material	E-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	20x20 (Double warp & weft)
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1000m
Color	Black, grey, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



High Visibility Screen

Better View Screen

This product is made from fine PVC-coated E-glass fiberglass. It boasts exceptionally high transparency, which enhances visibility without compromising durability, allowing you to immerse yourself in natural scenery with optimal visual experience.

Application: Widely used in doors and windows of homes, offering a close-to-nature experience. It also serves as an ideal material for insect prevention and ventilation.



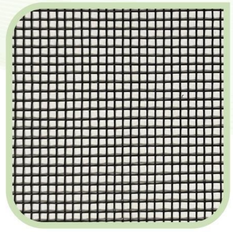
Material	E-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	18x18, 19x19, 20x20, etc.
Yarn Diameter	0.2mm (0.008")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1000m
Color	Black, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



PP Insect Screen

The PP Insect Screen is made from high-temperature-resistant polypropylene (PP) and specialized polyethylene (PE) formed into a composite monofilament thread using a specialized process. It features long service life, free of odor, and zero VOC emissions. The material is smooth, oil-free, and dust-free. This lightweight product also offers excellent light permeability.

Application: Widely used in various doors and windows, this product is particularly suitable for environments where visual aesthetics and effects are essential.



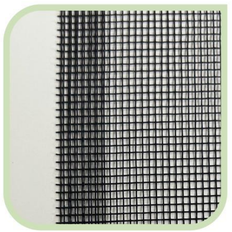
Material	PP
Composition	Polypropylene (PP) & Polyethylene (PE)
Mesh	18x16, 19x19, 20x20, etc.
Yarn Diameter	0.2mm (0.008")
Width	Customizable, Max width: 3m
Length	Customizable, Max length: 1000m
Color	Black, etc.
Flame Resistance	N/A
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Door Curtain

Door Curtain
The product is made with state-of-the-art weaving techniques using PVC-coated fiberglass yarn. The mesh is woven with intensive weaving along its edge.

Application: Widely used in residential doors, garage doors, etc.



Material	E-glass/C-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	18x16, 17x15, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Black, grey, etc.
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Fiberglass Colored Curtain
This product features coated fiberglass yarns in colors such as teal blue, blue, and gray. With world-class weaving techniques, the colorful yarns are woven into distinctive patterns that is simple, aesthetically pleasing, and highly decorative. At the same time, the mesh is insect-resistant, flame-retardant, rust-free, easy-to-clean, cold-and heat-resistant, as well as mold-and pest-proof. In addition, it has a stable structure, optimal ventilation, long service life, high strength, twists-and turns-resistance.

Application: Various types of doors and windows, garage doors, etc.



Material	E-glass/C-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Mesh	20x20, etc.
Yarn Diameter	0.28mm (0.011")
Width	Customizable, Max width: 3.2m
Length	Customizable, Max length: 1500m
Color	Customizable
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.



Coated Yarns

Coated Yarns
The coated fiberglass yarn is made from E-glass or C-glass fiberglass as the base material, coated with vinyl on fiberglass. During the coating process, the yarn can also be changed to various colors to enhance its aesthetic appeal.

Application: The coated fiberglass yarns and related products are widely used in household applications, livestock farming, horticulture, agriculture, and industry.

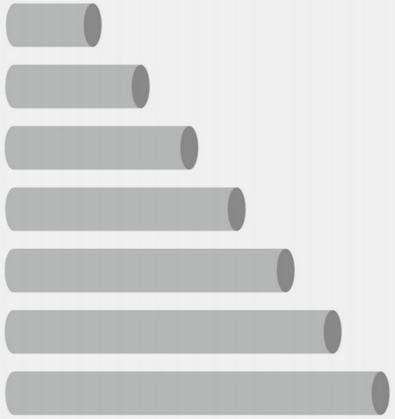


Material	E-glass/C-glass Fiberglass
Composition	35% Fiberglass, 65% PVC Coating
Yarn Diameter	0.28mm (0.011")
Length	Max length: 60000m
Color	Customizable, regular color: black, grey
Flame Resistance	Yes
Regulations	REACH, RoHS, Phthalates, CA65, etc.

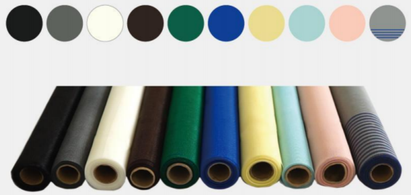


CUSTOMIZATION

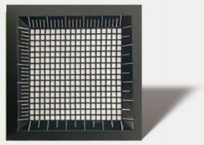
Customizable Sizes



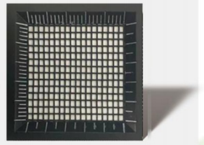
Customizable Colors



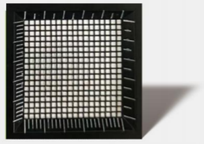
Customizable Meshes



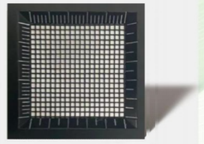
18X16 mesh



18X14 mesh



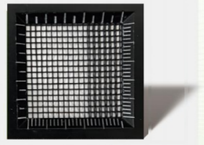
18X18 mesh



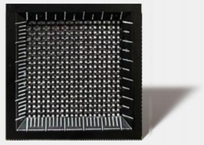
19X19 mesh



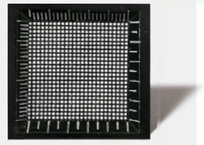
15X11 mesh



18x16 mesh
Encryption edge



20X20 mesh
double warp & weft



25X25 mesh

Customizable Marks









Customizable Packages







