



Walcoom Corporation



WINDOW SCREEN

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"Walcoom is a trustworthy supplier to offer various window screen products"

For over 20 years, Walcoom Corporation has been offering the strong and durable window screen to a wide range of places. We are specialized in window screen producing and exporting. And we have stainless steel window screen, aluminum window screen,



fiberglass window screen and aluminum alloy window screen. Advanced production equipment, skilled workers, professional sale representatives and considerate after sale service contribute our high quality products and long term cooperation with our customers. We believe that Walcoom will do it better and better.

Window screen can be divided into stainless steel window screen, aluminum window screen, fiberglass window screen and aluminum alloy window screen according to the different materials. With high strength, good ventilation, perfect transparency and long service life, our window screen products are widely used in everyday life to prevent thieves, mosquitoes, flies, eliminate noises and decorate homes.

Compared with other companies, Walcoom corporation has window screen with various styles and sizes and we also can produce window screen products as your request. So whatever you need, just contact us, we will offer you with free consultation and best products.

Feature

- High strength and toughness, anti-theft.
- Anti mosquitoes, flies and other insects.
- High ventilation rate.
- Good light-taking performance.
- High transparency.
- Heat and fire resistance.
- Corrosion and rust resistant.
- Anti oxidation and radiation.
- Anti wet or sun exposure environment.
- Not take off the line.
- Various types, sizes and colors for choice.
- Eliminate noise.
- Easy to install, clean and maintain.
- Durable and long service life.

Specification

- **Material:** stainless steel, aluminum, fiberglass, aluminum alloy.
- **Surface treatment:** powder coated, epoxy coated, PVC coated.
- **Common color:** black, white, gray, green, yellow, other colors are available.
- **Weave type:** plain weave.
- **Wire diameter:** 0.15–1.2 mm.

- **Mesh size (mesh)**

We can offer the window screen with the following mesh sizes: 10 × 10, 11 × 11, 12 × 12, 14 × 14, 14 × 18, 16 × 14, 16 × 16, 18 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30.

- **Width:** 0.5–1.5 m.
- **Length:** 1.5–30 m.
- **Package**
 - Window screen rolls are wrapped by plastic film, and then packaged in wooden case or on pallets as your requests.
 - Window screen sheets are wrapped with plastic waterproof paper, and then packaged into pallets.

Application

Our window screen products are widely used to prevent mosquitoes, eliminate noise, protect swimming pool and so on at the following places:

- Factory.
- Airport.
- Resort.
- Hospital.
- Bank.
- School.
- Nursing home.
- Office building.
- Resident building.
- High-end villa.
- Swimming pool.
- Mountain area.
- Marian area.



Stainless steel window screen



Stainless steel window screen, also called invisible screen, is made of high quality stainless steel wire, and the common colors are black and gray. With the features of high strength, transparency, and corrosion resistance, it is widely used in resident buildings and office buildings to prevent mosquitoes, flies. And it also adopts the refraction principle of light to make the view from outdoor to indoor blurred.

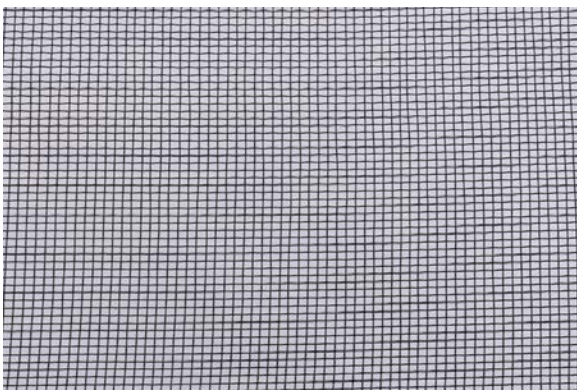
Advantages of stainless steel window screen

- High strength and toughness, anti-theft.
- High ventilation rate and good light-taking performance.
- Anti mosquitoes and other insects.
- Provide clear vision with 85% – 90% transparency.
- Corrosion and rust resistance.
- Durable and long service life.

Specification

- **Material:** stainless steel wire (SS 201, SS 304, SS 304L, SS 316, SS 316L).
- **Surface treatment:** powder coated.
- **Color:** black, white, gray, silver.
- **Weave type:** plain weave.
- **Wire diameter:** 0.15–0.475 mm.
- **Mesh size (mesh):** 16 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30.
- **Width:** 750 mm, 800 mm, 900 mm, 1000 mm, 1200 mm, 1500 mm.
- **Length:** 10 m, 20 m, 30 m or as your requests.
- **Guarantee:** 10 years stainless.

Aluminum window screen



Aluminum window screen with powder coated layer offers good anti-corrosion property. It has lighter weight, higher strength and longer service life than ordinary nylon screen. Typical mesh size is 18 mesh × 16 mesh, 0.23 mm diameter. Because of the features of great ventilation and good sealing, sound insulation effect, it's suitable for most window and door applications in everyday life to prevent mosquitoes and eliminate noises. And we supply aluminum window screen products in rolls or cut pieces.

Advantages of aluminum screen

- High strength and light weight.
- Corrosion resistant, never rust.
- Great ventilation and sound insulation effect.
- Anti mosquitoes and flies.
- Anti-dust, effectively isolate flying dust.
- Durable and easy to install and clean.

Specification

- **Material:** aluminum wire.
- **Surface treatment:** powder coated.
- **Color:** black, white, gray, silver, and other colors also available as your request.
- **Weave type:** plain weave.
- **Typical mesh size:** 18 mesh × 16 mesh, 0.25 mm diameter.
- **Supplied form:** rolls or pieces.
- **Cleaning:** use a vacuum cleaner or a soft brush to wipe.
- **Guarantee:** 2 years.

Table 1: Common Specifications of Aluminum Window Screen

Item	Size (mesh)	Wire Diameter (mm)	Width (m)	Length (m)
AWS-01	12 × 12	0.28	0.6 to 1.5	30
AWS-02	14 × 14	0.25	0.6 to 1.5	30
AWS-03	16 × 14	0.25	0.6 to 1.5	30
AWS-04	16 × 16	0.25	0.6 to 1.5	30
AWS-05	18 × 16	0.25	0.6 to 1.5	30
AWS-06	18 × 16	0.23	0.6 to 1.5	30
AWS-07	18 × 16	0.22	0.6 to 1.5	30
AWS-08	18 × 16	0.21	0.6 to 1.5	30
AWS-09	18 × 18	0.25	0.6 to 1.5	30
AWS-10	18 × 18	0.23	0.6 to 1.5	30
AWS-11	18 × 18	0.22	0.6 to 1.5	100

Note:

20 × 20, 22 × 22, 30 × 30 mesh size (mesh), 0.15–0.475 mm wire diameter, and other screen sizes can be produced as your request.

Fiberglass window screen



Fiberglass window screen is a kind of fiberglass plain weave screen. With various bright colors, it has good aesthetic effect. It also can filter UV radiation automatically and nicely. Because of the good ventilation, light, air transmission, easy installation and cleaning, it's widely used for windows or doors screens to keep out insects. The finer mesh screens are also used to prevent pollen and allergens from entering homes in order to control allergic reactions.

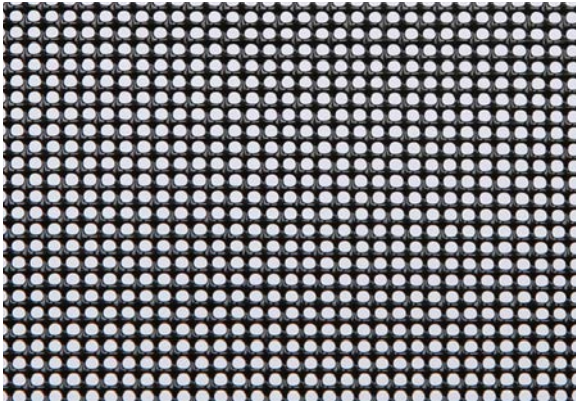
Advantages of fiberglass window screen

- Anti mosquitoes and insects.
- Perfect fireproof performance.
- Good ventilation and air transmission.
- Reduce glare and improve visibility.
- Filter UV radiation automatically and nicely.
- Easy to clean, soft enough to fold and wash.

Specification

- **Material:** fiberglass yarn.
- **Surface treatment:** PVC coated.
- **Common color:** black, gray.
- **Weave:** plain weave.
- **Wire diameter:** 0.15 – 0.475 mm.
- **Mesh size (mesh):** 14 × 14, 14 × 18, 16 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30.
- **Width (m):** 0.5, 0.6, 1.0, 1.2, 1.5.
- **Length (m):** 30, 50, 100, 300, 400, 500.
- **Weight (g/m²):** 115, 120, 130, 150, 180.
- **Packaging:** packaged in rolls with poly bag in carton box.
- **Delivery:** by air or by sea.

Security window screen



Security window screen has stainless steel or aluminum alloy security screen. Stainless steel security screen has better anti-theft effect; aluminum alloy security screen has lighter weight and never rust advantage. With the thick black powder coated surface, the security screens are corrosion resistant. Because of high security and good ventilation, security screens are widely used as window screens and door screens in residential or business areas to prevent thieves. Besides, they also can be installed for separating swimming pool from outside to prevent mosquitoes, flies and other insects.

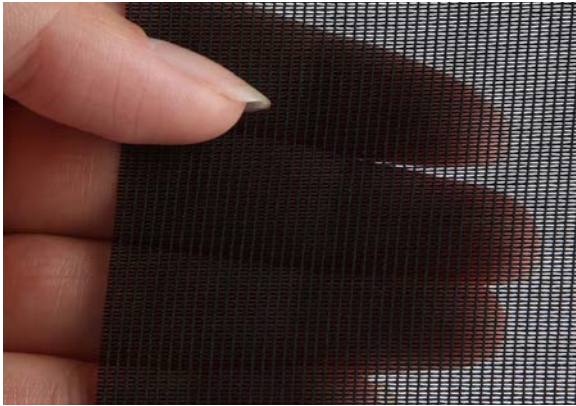
Advantages of security window screen

- High strength of stainless steel screen to prevent enemy and thief.
- Never rust and light weight of aluminum alloy screen.
- Anti mosquitoes, flies and other insects.
- Good ventilation for air circulation.
- High transparent to provide clear unobstructed view.
- Harsh environment, harmful UV rays and corrosion resistance.

Specification

- **Material:** SS 201, SS 304, SS 316, SS 316L, aluminum alloy.
- **Surface treatment:** powder coated, epoxy coated, PVC coated.
- **Common color:** black
- **Weave type:** plain weave.
- **Wire diameter:** 0.6–1.2 mm.
- **Mesh size (mesh):** 10 × 10, 11 × 11, 12 × 12, 14 × 14.
- **Width:** 0.75 m, 0.8 m, 0.9 m, 1 m, 1.2 m, 1.5 m.
- **Length:** 1.5 m, 2 m, 2.4 m, 3 m.
- **Guarantee:** ten years.
- **Package**
 - 5 pieces in one carton box, then 10 carton boxes in one wooden case
 - 25/50 pieces per wooden box/pallet with a piece of water proof paper between two pieces of screens.

Anti-pollen mesh screen



Anti-pollen mesh screen is made of high quality polyester and the color is black. With dense mesh opening, the screen can effectively block pollen to protect pollen allergic people, it's also can perfectly curb construction dust phenomenon. It's widely used for medical institutions, industrial areas, residential areas, business areas and so on. Besides, it's also can be used as mosquito window screen and insect window screen.

Advantages of anti-pollen window screen

- Dense mesh opening to block pollen transmission.
- Protect pollen allergic people.
- Curb construction dust phenomenon.

Specification

- **Material:** polyester (high-end clothing fabric).
- **Color:** black.
- **Size:** 60 meshes.
- **Width:** 1.2 m, 1.4 m or as your order.
- **Length:** 30 m, 90 m.
- **Packaging:** export-specific five-layer thick corrugated carton.

Brass insect screen

Brass insect screen is made of copper and zinc wire. Compared with stainless steel screen and aluminum window screen, it has more beautiful color. Featured by high strength, rust resistance, easy installation and long service life, brass insect screen is widely used as window screen or door screen in the villa, resort or office for mosquitoes prevention and aesthetic effect.

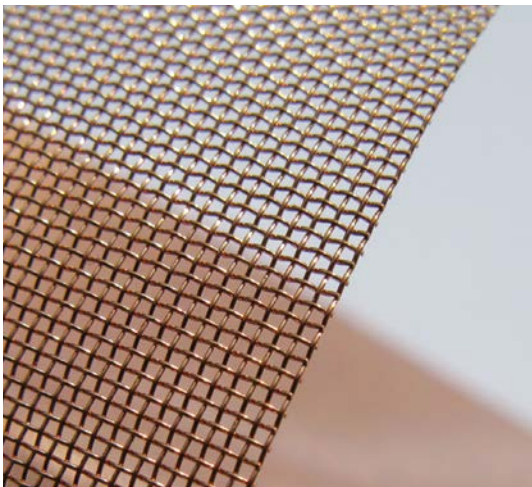


Advantages of brass insect screen

- High strength and durability.
- Good aesthetic effect.
- Rust resistance.
- Easy to install.
- Long service life.

Specification

- **Material:** copper and zinc.
- **Weaving:** plain weave.
- **Mesh size (mesh):** 16 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30, 40 × 40.
- **Wire diameter:** 0.15–0.475 mm.
- **Roll width:** 0.8 m, 0.9 m, 1.0 m, 1.2 m, 1.5 m.
- **Roll length:** 23 m, 24 m, 30 m.



Copper insect screen

Copper insect screen with high tensile strength is made of 99.9% purity copper wire. Compared with stainless steel and aluminum window screen, it has more beautiful appearance. Featured by good ventilation, corrosion resistance, fire prevention and long service life, copper insect screen is often used as window screen or door screen for mosquitoes prevention and perfect aesthetic effect.

Advantages of copper insect screen

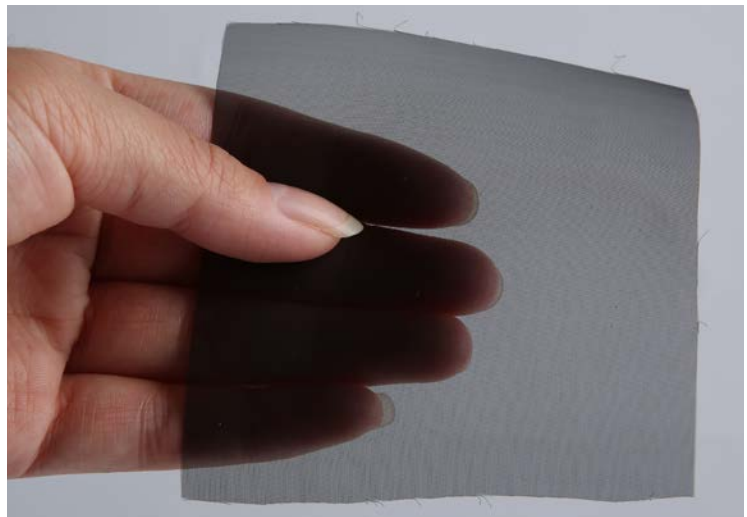
- High tensile strength.
- Good ventilation.
- Corrosion resistant.
- Fire prevention.
- Beautiful appearance.
- Long service life.

Specification

- **Material:** pure copper proportion 99.9%.
- **Weaving:** plain weave.
- **Mesh size (mesh):** 16 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30, 40 × 40.
- **Wire diameter:** 0.15–0.475 mm.
- **Roll width:** 0.8 m, 0.9 m, 1.0 m, 1.2 m, 1.5 m.
- **Roll length:** 23 m, 24 m, 30 m.

Haze window screen is made of high quality polyester imported from Japan. With the waterproof treatment and electrostatic adsorption technology, the haze window screen achieves the evacuation of rainwater and the filtration of fog and haze. And it is easy to clean and replace. Featured by the long service life, haze window screen is widely used in the cities where hazy weather often occurs to prevent haze.

Haze window screen



Advantages of haze window screen

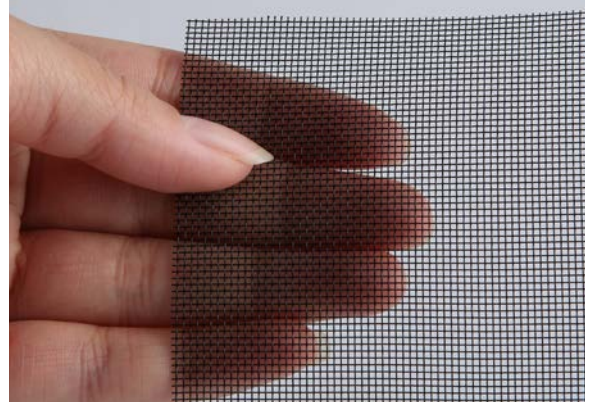
- Prevent haze.
- Waterproof.
- Electrostatic adsorption.
- High affinity for the profile.
- Easy to clean.

Specification

- **Material:** Japan imported polyester.
- **Color:** black.
- **Width:** 1.0 m, 1.2 m, 1.5 m.
- **Length:** 50 m.

High strength glass screen

High strength glass screen, made of high quality polyester, is a kind of plain weaving mesh. There are black and gray colors for choice. It has metal-like toughness, but never rusts. With high safety, high strength glass screen is knife and pet claws resistant. Featured by 8-year service life, it's often used as mosquito window screen, pet window screen, pet cage and various bags.



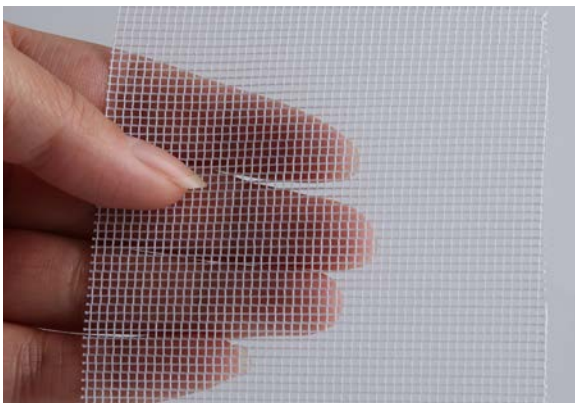
Advantages of high strength glass screen

- Metal-like toughness.
- Knife resistant.
- Anti pet claws.
- Rust resistant.
- Long service life.

Specification

- **Material:** polyester (underwear fabric grade).
- **Weaving method:** plain weave.
- **Color:** black, gray.
- **Width:** 0.8 m, 1.0 m, 1.2 m, 1.5 m.
- **Length:** 30 m.
- **Using life:** 8 years.

Polyester mesh window screen



Polyester mesh window screen is made of high quality polyester fiber that is a kind of high-end clothing fabric. It is featured by the high strength, perfect durability, UV and wind resistance. This kind of screen will not crack under cold temperature and not melt under high temperature, so it has 7-year service life. Polyester mesh window screen is widely used as mosquito window screen, insect window screen in the residential areas.

Advantages of polyester mesh window screen

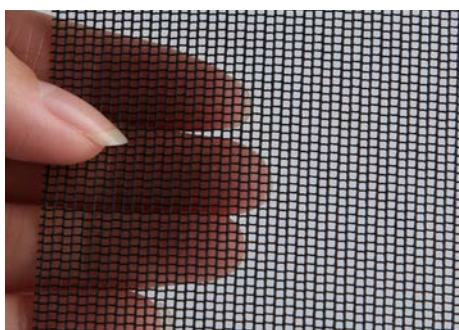
- Odorless.
- High strength and durability.
- UV and wind resistant.
- Not crack under cold temperature.
- Not melt under high temperature.
- Anti-aging and long service life.

Specification

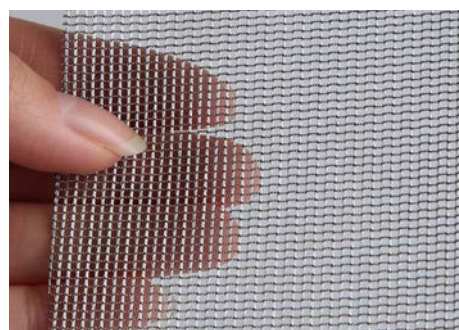
- **Material:** polyester fiber (high-end clothing fabric).
- **Color:** gray, black, white, green.
- **Size:** 16 × 15 mesh (100 gsm), 18 × 18 mesh (105 gsm).
- **Width:** 0.8–1.8 m.
- **Length:** 30 m, 100 m.
- **Service life:** 7 years.

Sun shade insect screen

Sun shade insect screen is made of high quality polyester fiber that is a kind of high-end clothing fabric. With silver treatment on the back side, sun shade screen has perfect light reflection performance to reflect strong light and UV light and it can provide comfortable temperature inside the door. Besides, because of the silver treatment, the screen can achieve invisible effect. Sun shade window screen is widely used as mosquito window screen or insect window screen in residential areas and business areas to prevent mosquitoes and insects.



Sun shade screen inside



Sun shade screen outside

Advantages of sun shade insect screen

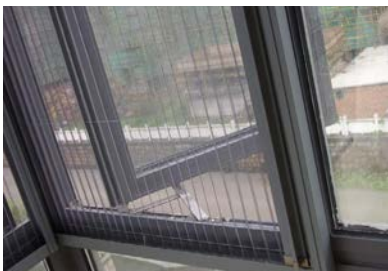
- Silver treatment.
- Light reflection performance.
- UV light resistant.
- Provide comfortable temperature.

Specification

- **Material:** polyester fiber (high-end clothing fabric).
- **Color**
 - Inside color: white, black, dark-gray, light-gray.
 - Outside color: silver.
- **Size:** 16 mesh.
- **Width:** 0.8 m, 1.0 m, 1.2 m, 1.5 m, 1.6 m, 1.8 m.
- **Length:** 30 m.

Window screen accessories

Window screen accessories and tools have high strength and flexibility, and they are designed and produced to install window screens easily and quickly.



Window screen accessories



Brass rail



Hollow aluminum bar



High frequency welding
aluminum bar



Screen adjusting wheel



Screen door pulley



Screen top lock



Invisible handle lock



Zinc alloy handle lock



Crank handle lock



Window screen handle lock



Window screen key lock



Balcony protective wire rope



Balcony protective invisible wire



Screen fitting components



Screen copper wheel

WINDOW SCREEN



Window screen round strip



Hard window screen strip



Soft window screen strip



Pleated screen pulling rope

Installation tools



Screen pulling device



German type bolt cutter



Screen spline roller



Screen pneumatic shear

How to replace old window screen?

• Needed tools:

- New window screen
- Spline.
- Utility knife.
- Spine roller.
- Screwdriver.



• Installation process.

Step 1.

Remove the old window screen.

Place the old window screen with the frame on a flat surface (for example table or ground), use the screwdriver to pry off the spline from window frame.





Step 2.

Clean the window frame. Clean the window frame with cleaning cloth or towel to remove the dust leaved on the frame. If there are some dirties cannot be removed, just use the soap water to clean.

Step 3.

Cut the new screen into suitable size.

Align the new screen on the top of the frame, and keep the frame straight. Cut the new mesh into suitable size. Leave enough space when cut the mesh to prevent short of material during installing the splines.



Step 4.

Push the screen into channel.

The spline roller has two wheels at each end: a concave wheel that has an inward groove on the edge of the wheel, and a convex wheel that has a round edge. Use the convex wheel to push the screen into the channel of window.

Step 5.

Push the spline into the channel.

Bring the new spline and use the concave wheel of spline roller to push the spline into the channel. Cut the spline when one side installation completed. Push the spline into into channel in same way for the other three sides. Make sure that the spline will not pop off.



Tips for choosing proper window screen

- **Material**

We pay much attention to the selection of raw material and choose the best material. We can offer you window screen products made of stainless steel, aluminum, fiberglass or aluminum alloy with respective advantages.

- **Size**

We can offer the window screen with the following mesh sizes: 10 × 10, 11 × 11, 12 × 12, 14 × 14, 14 × 18, 16 × 14, 16 × 16, 18 × 16, 18 × 18, 20 × 20, 22 × 22, 30 × 30 with 0.15–1.2 mm wire diameter. The window screen is generally 0.5–3 m wide and 1.5–30 m long.

- **Packaging**

We can offer window screen in rolls or sheets. The packaging of window screen rolls are wrapped by plastic film, and then packaged in wooden case or on pallets; the packaging of window screen sheets are wrapped with plastic waterproof paper, and then packaged into pallets.

- **Specific application**

If you want to purchase the window screen for special or specific uses, you can browse our specific category and gallery pages. Generally speaking, stainless steel window screen can provide a clear view; aluminum window screen has light weight; fiberglass window screen can filter UV radiation automatically and nicely; aluminum alloy screen can be used as security window or door screen.

Our services for customers

- Free consultation service.
- Strict inspections during production and before delivery.
- After sale service.

Hot products

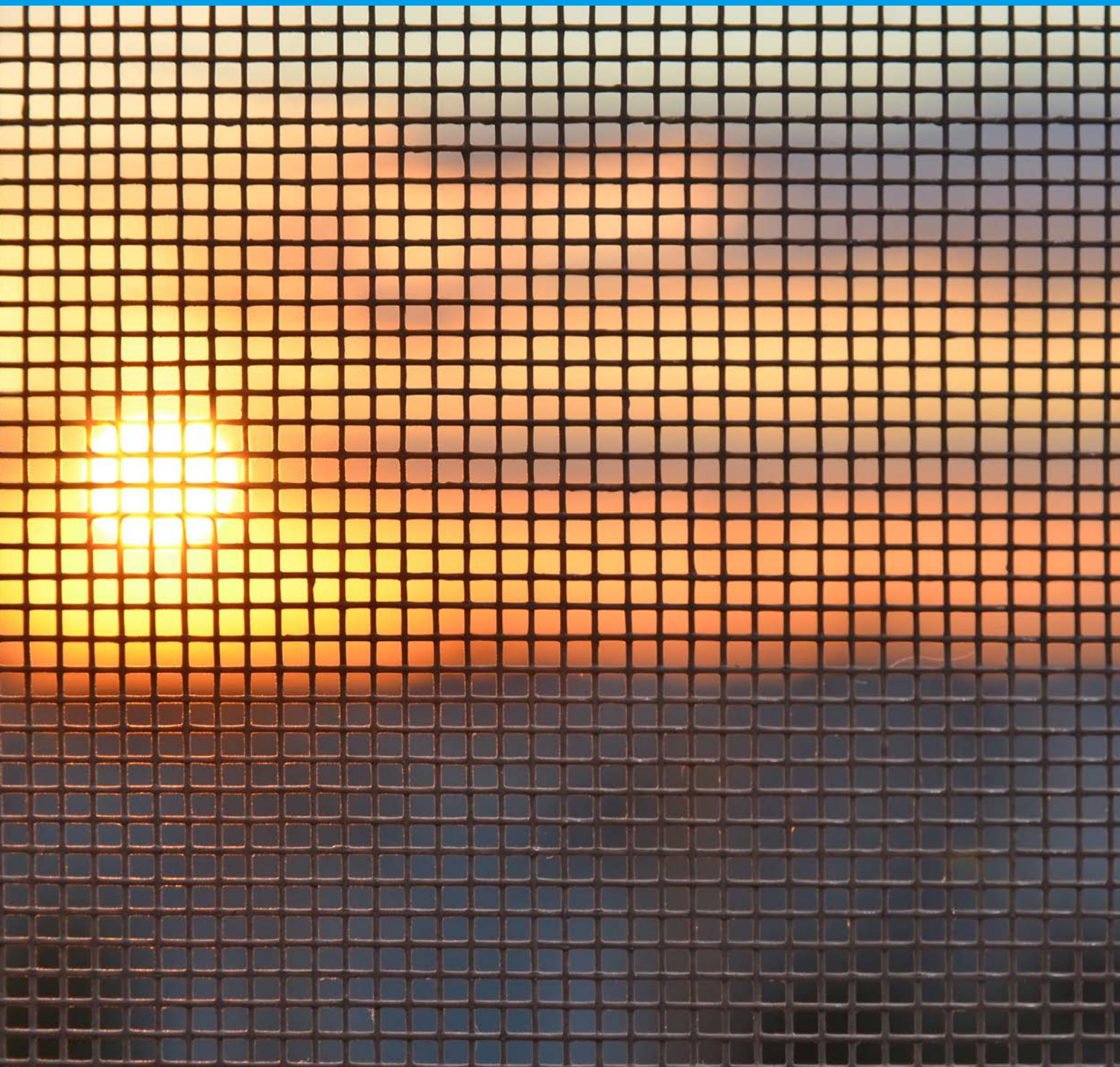
- **Stainless steel 304 invisible window screen** – high density and transparency.
- **Stainless steel security screen** – impossible to break through with any tools.
- **Aluminum alloy security screen** – never rust, light weight, high strength.

Information supplied by the purchaser

- Screen type.
- Mesh size.
- Quantity.
- Packaging method.

WINDOW SCREEN

Walcoom Corporation



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