



FOREIGN TRADE BROCHURE

Hebei Pulu Metal Alloy Material Co., Ltd.



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Committed to providing greener,
more efficient, and more advanced
wire mesh products



CONTENTS

1 ABOUT THE COMPANY

Company Profile	01
Factory showcase	02
Cooperation services	03

2 PRODUCT

Perforated mesh	04
Window screen	06
Barbed wire	10
Protective mesh	13
Steel plate mesh	17
Steel grating	19
Guardrail mesh	24
Cage series	31
Gabion mesh	35
Decorative mesh	41

Table of contents

COMPANY PROFILE

◆ Hebei Pulu Metal Alloy Material Co., Ltd.

Hebei Pulu Metal Alloy Material Co., Ltd. is located in Shenzhou, Hengshui, Hebei Province. It is a modern metal products manufacturing enterprise integrating R&D, production, and sales. The company focuses on providing customers with high-quality metal product solutions. Its main products include gabion mesh, steel grating, perforated mesh, storage cages, guardrail mesh, slope protection mesh, diamond mesh, stainless steel mesh, and others.

· International market

Hebei Pulu Metal Alloy Materials Co., Ltd. is actively expanding its presence in the global market, promoting its international development strategy with high-quality products and services, and is committed to becoming a leading global supplier in the metal products industry.

· Company vision

"To become a global leader in metal material solutions": We are determined to build a world-class metal product brand through continuous innovation and international development.

· Cooperation process

To ensure efficient and seamless collaboration, we have established a standardized service process that offers comprehensive support, from request confirmation to after-sales service.

Customer consultation → Solution confirmation → Contract signing → Production quality inspection → Logistics delivery → After-sales follow-up.

· Services for different types of clients

Customized Service System: We offer precise and efficient solutions for each client.

1. Large infrastructure projects
2. Building decoration and municipal clients
3. Industrial manufacturing companies
4. Foreign trade wholesalers
5. Retailers and small and medium-sized businesses



Regardless of the client's size or the complexity of their needs, Hebei Pulu Metal will provide the most suitable metal product solutions with professional, efficient, and attentive service. Contact us anytime!

· Advantages of the company

With industry-leading production equipment, cutting-edge manufacturing technology, and a strict quality management system, the company's products have been widely used in architectural decoration, municipal engineering, transportation, warehousing and logistics, industrial protection, ecological management, and other fields. We consistently adhere to the manufacturing concept of "continuous improvement, quality first" and the service principle of "customer-oriented," and are committed to providing high-quality products and professional services to global customers.

FACTORY SHOWCASE



◆ Advanced production equipment



◆ Smart storage system



COOPERATION SERVICES

- ◆ Consultation with the client
- ◆ Confirmation of the solution
- ◆ Signing the contract



◆ Process



Choose Pulu Metal and you will get high-quality products and a long-term service guarantee.

◆ After-sales

04 Special value-added services

Regular follow-up visits, preventive maintenance, conversion from old to new, data services

05 Complaints handling mechanism

06 Service supervision



03 Quality assurance

- Warranty period
- Warranty coverage



02 Service content

Product Inquiry – Quality Objection – Technical Support – Parts Supply – Product Update



01 After-sales service system

- Customer service center available 7x12 hours
- Professional technical team
- Regional service manager

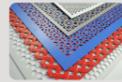




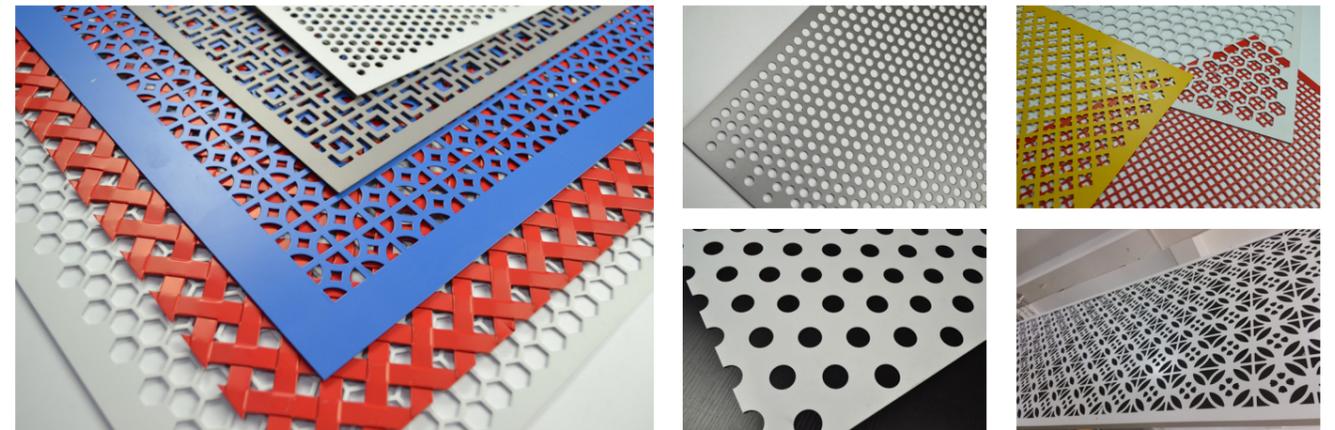
Perforated mesh

◆ 01. Perforated metal

05



◆ Perforated metal



Perforated mesh is a type of metal mesh manufactured through a punching process, typically made from stainless steel, aluminum, galvanized steel, and other materials. Its surface is processed using a professional punching machine to form uniform and regular holes, which not only ensures the strength of the structure but also improves the air permeability and aesthetics of the material. Perforated mesh is widely used in many fields, including construction, industry, transportation, and environmental protection.

Perforated mesh not only has good air permeability and light transmission, but can also effectively block dust, debris, and small animals, improving overall safety.

◆ Main features

Various Hole Shapes: Holes of various shapes and sizes can be customized to meet the requirements of different applications.

Breathability and Light Transmission: The hole design effectively improves air and light circulation and maintains a well-ventilated environment.

High Strength and Durability: Perforated mesh is made of high-quality metal materials with strong pressure and impact resistance.

Lightweight Design: Compared with traditional solid materials, perforated mesh reduces overall weight without losing strength.

Aesthetics: The unique design of perforated mesh makes it visually appealing and suitable for both decorative and functional needs.

◆ Application scenario

Construction industry: Used in curtain walls, balconies, partitions, and parapets, etc., providing both safety protection and decorative effects.

Industrial manufacturing: Used in machinery equipment and screening equipment, it can filter and separate materials.

Traffic facilities: Used in traffic separation zones, guardrails, etc., to ensure traffic safety and improve visual effects.

Environmental protection: Used in air purification and water treatment equipment, as filters and protective nets, to ensure environmental safety.



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Window screen

◆ 01. Stainless steel mesh

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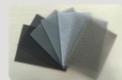
◆ 02. High transparency mesh

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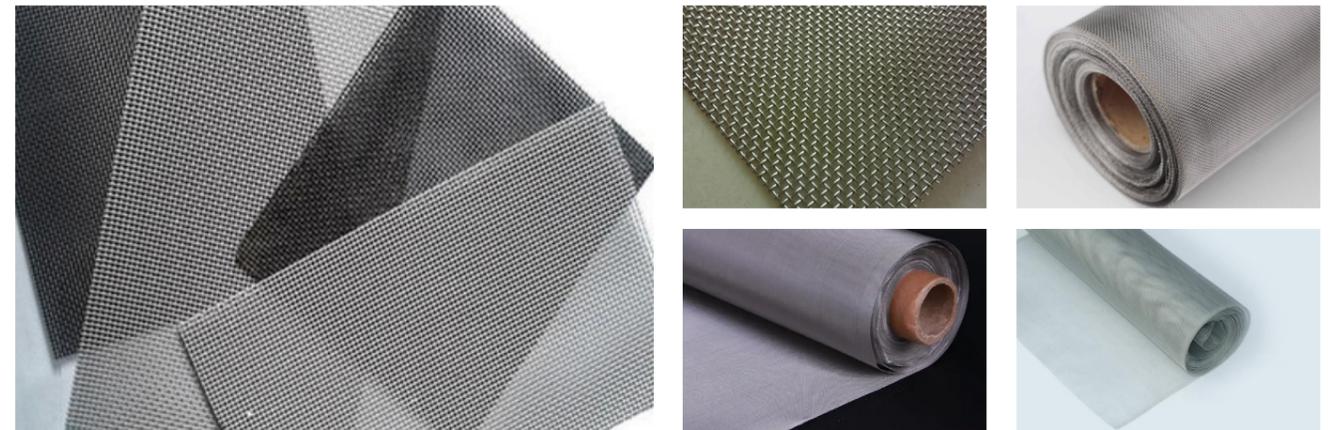


◆ 03. Diamond network

09



◆ Stainless steel mesh



Stainless steel mesh window screens are a high-strength, corrosion-resistant window protection material made primarily of woven stainless steel wire. They offer excellent light transmission, ventilation, and tensile strength, and are widely used on windows and doorways of residential, commercial, and industrial buildings to provide security protection and insect control.

Stainless steel mesh window screens offer excellent weather and corrosion resistance, are suitable for use in a variety of weather conditions, and are resistant to rust or deformation, maintaining long-term beauty and practicality.

◆ Main features

Resistencia a la corrosión: Los materiales de acero inoxidable resisten eficazmente la humedad y la corrosión química, prolongando así su vida útil.

Alta resistencia: Fabricado con alambre de acero inoxidable, ofrece alta resistencia a la tracción y dureza, y no se daña fácilmente.

Buena transmisión de luz: Su elegante diseño garantiza una buena transmisión de luz y mantiene la habitación iluminada.

Efecto antiinsectos: Bloquea eficazmente la entrada de insectos y pequeños animales sin afectar la ventilación.

Estética: Con un toque moderno, se adapta a diversos estilos arquitectónicos para realzar la estética general.

◆ Application scenario

Stainless steel mesh window screens are widely used in the following areas:

Residential: on windows and French doors to prevent pests and small animals from entering while maintaining good ventilation.

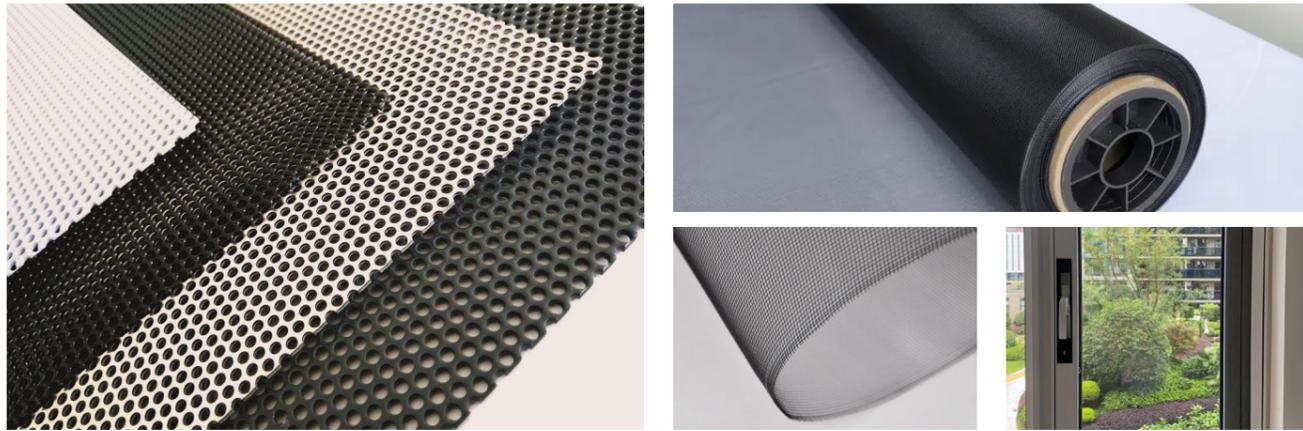
Commercial buildings: in shops and offices to provide safety and comfort protection.

Industrial locations: for ventilation grilles in factories and warehouses to ensure safety protection without affecting air circulation.

Public locations: used in schools, hospitals, and other public buildings to ensure safety and hygiene.



◆ High transparency mesh



High-transmittance mesh is a specially designed metal mesh primarily used to improve light transmission and air circulation. It is typically made from high-quality stainless steel or galvanized steel wires for extreme strength and durability. The design of high-transmittance mesh is carefully calculated to maximize light transmission while ensuring structural stability, making it suitable for a wide range of applications.

Thanks to its excellent light transmission and corrosion resistance, high-transmittance mesh is widely used in construction, horticulture, transportation, environmental protection, and other fields.

◆ Main features

Excellent light transmission: The mesh is scientifically designed to ensure light can pass through freely, suitable for occasions requiring good lighting.

Good ventilation: The structural design allows air circulation, keeping the environment ventilated and comfortable.

Corrosion resistance: Typically made of stainless steel or galvanized material, it can be used in harsh environments without rusting easily.

High strength and durability: The high-permeability mesh has high tensile strength and can withstand certain external pressure and impacts.

Aesthetics: Modern, it can blend with architectural styles to enhance the overall visual effect.

◆ Application scenario

High-transmittance mesh is widely used in the following fields:

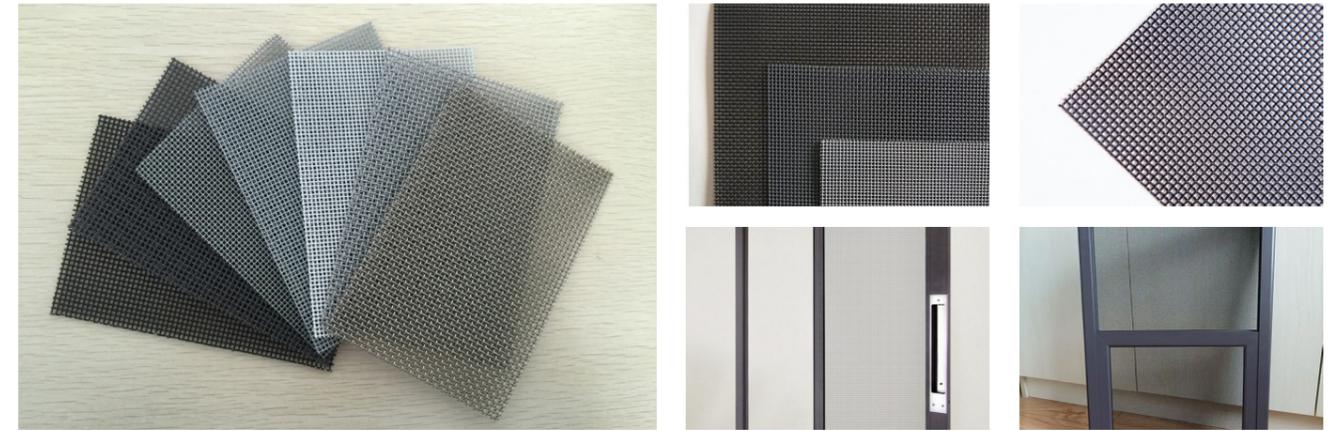
Construction: Used on windows, balconies, fences, etc. to provide security while maintaining good lighting.

Horticulture: Used in greenhouses and gardens to ensure plants receive sufficient sunlight while preventing insect infestation.

Traffic facilities: Used in road separation networks, guardrails, etc., to provide safety and protection without affecting the line of sight.

Environmental protection and conservation: Used in facilities such as water treatment plants, wastewater treatment plants, etc., to ensure efficient fluid flow and light transmission.

◆ Diamond network



Diamond mesh is a type of high-strength protective mesh, primarily made from high-quality stainless steel or high-strength steel wire, with extremely high abrasion and impact resistance. Due to its tightly woven structure and high tensile strength, diamond mesh is widely used in the fields of protection, fencing, and security. The weave of diamond mesh is typically plain or twill, allowing it to maintain a stable shape when subjected to external pressure and impact.

Diamond mesh not only provides excellent security and protection, but is also widely used in the construction and decoration industries for its unique aesthetics.

◆ Dimensions

High strength and durability: The diamond mesh is made of high-quality steel wire, with extremely high tensile strength and durability, ideal for various harsh environments.

Corrosion resistance: Stainless steel or galvanized treatment allows the diamond mesh to maintain good performance in humid and corrosive environments, while also offering a long service life.

Light transmittance and perspective: The diamond mesh design allows light and air to pass through, ideal for spaces that require visual transparency, such as balconies, fences, etc.

Aesthetics: The diamond mesh has a modern appearance and is suitable for various architectural styles. It can be used as a decorative fence and a partition.

Easy installation: The diamond mesh is relatively simple to install and can be flexibly configured according to different occasions and needs.

◆ Application scenario

Diamond mesh is widely used in the following fields:

Construction and decoration: Used for balcony fences, stair railings, interior partitions, etc., to provide security and beautify the space.

Security protection: It can be used to protect warehouses, factories, and other areas to prevent outside intrusion and accidents.

Gardening and green spaces: In gardens, orchards, and other areas, it can be used as fences or support structures to protect plants and crops.

Traffic safety: Used in isolation installations on highways and railways to prevent animals and pedestrians from entering dangerous areas.



Barbed wire

◆ 01. Razor blade barbed wire

11

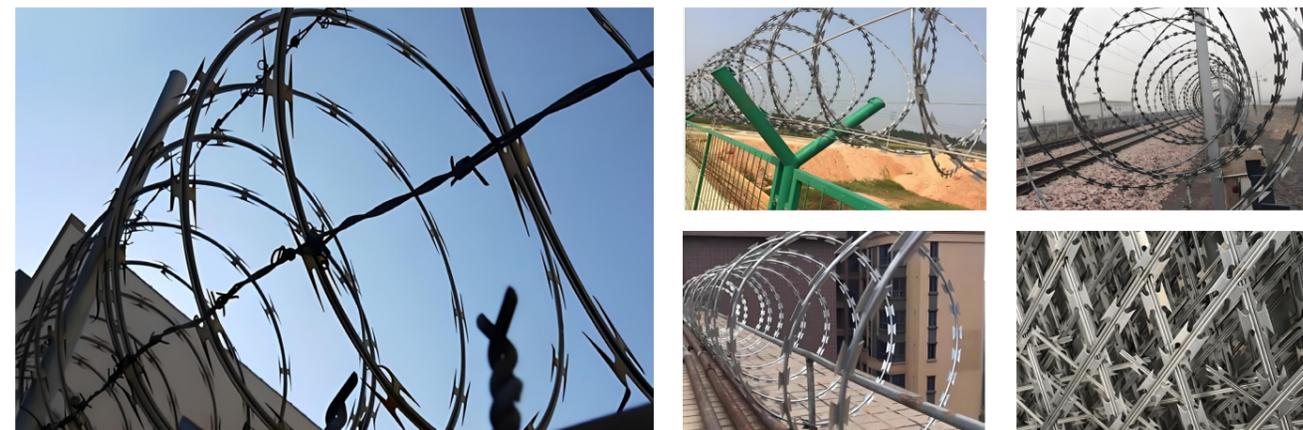


◆ 02. Common barbed wire

12



◆ Razor blade barbed wire



Barbed wire is a security product composed of a high-strength steel wire core and sharp stainless steel blades, manufactured through a precision machining process, widely used in military installations, prisons, industrial parks, and other high-security perimeter protection locations.

◆ Product Features

High Protection: It uses sharp stainless steel blades, which effectively prevent climbing and invasion, providing a reliable physical barrier.

High Durability: The core is made of heat-galvanized high-carbon steel wire, and the 304 stainless steel blades offer excellent resistance to corrosion and rust.

Flexible Installation: It supports multiple installation methods (horizontal, vertical, or inclined), adapting to the needs of different topography.

Cost-effective and practical: Compared to security systems such as electronic fences, it has lower purchase and maintenance costs.

◆ Areas of application

Military Security: Perimeter protection for important facilities such as military bases, ammunition depots, border crossings, etc.

Public Security: Fence protection for prisons, detention centers, government offices, and other monitoring facilities

Industrial Security: Isolation protection for hazardous areas such as transformer substations, oil depots, chemical plants, etc.

Civil Security: Anti-theft protection for high-rise residential areas, shopping malls, farms, and other private areas.

◆ Specification and customization

Barbed wire offers a wide range of specifications to choose from, including different core diameters (2.0mm–4.0mm), different blade shapes (BTO-22, CBT-65, etc.), and a variety of surface treatments (galvanized, sprayed, etc.), which can be customized according to customer's specific security needs.

Note: According to the actual need to provide different lengths, different levels of protection of barbed wire products, while supporting the provision of installation brackets, connecting clips and other accessories, and can provide professional installation guidance services.



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◆ Common barbed wire



Common barbed wire is a protective product made of high-strength steel wire and sharp blades, manufactured through a mechanical winding process, widely used in military installations, industrial parks, prisons, and other places with high security requirements.

◆ Product Features

High protection: The sharp blade design effectively prevents climbing and trespassing, providing reliable perimeter protection.

High durability: Heat-dipped galvanized for excellent corrosion and rust resistance, prolonging its lifespan.

Easy installation: Lightweight and flexible, it deploys quickly as needed and supports multiple mounting methods.

Cost-effective and practical: Lower purchase and maintenance costs compared to security systems such as electronic fences.

◆ Areas of application

Military security: Perimeter protection of important facilities such as military bases and ammunition depots.

Public security: Wall protection in detention centers and prisons.

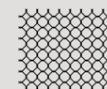
Industrial security: Security fencing for industrial facilities such as substations, fuel depots, and chemical plants.

Civil security: Anti-theft protection for private areas such as residences, farms, and orchards.

◆ Specification and customization

Common barbed wire offers a wide range of specifications to choose from, including different core wire diameters (2.0 mm–3.5 mm), different blade spacings (80 mm–150 mm), and a variety of surface treatments (galvanized, powder-coated, etc.), which can be customized to meet specific customer security needs.

Note: Barbed wire in various lengths and protection levels can be supplied based on actual needs, along with accessories such as mounting brackets.



Protective mesh

◆ 01. Passive protection network

14



◆ 02. Slope protection network

15



◆ 03. Active protection network

16



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◆ Passive protection network



Passive protection netting is a technology used to protect rocky slopes, mountains, and landslides. It is primarily used to prevent the impact of natural disasters, such as landslides and rockfalls, on the environment and surrounding infrastructure. Passive protection nets leverage their own weight and structural stability to resist and contain rock or earth falls, thereby ensuring safety through the installation of grid-like metal mesh, frame structures, and other support elements.

Passive protection nets are generally installed on slopes or mountains, effectively absorbing and dispersing the impact of rockfalls and reducing the risk of damage to roads, buildings, etc.

◆ Características principales

High strength and stability: Passive protection nets are made of strong steel wire or synthetic materials, capable of withstanding strong impacts and maintaining structural stability.

Broad spectrum of protection: They adapt to diverse terrain and climatic conditions and can be designed and installed according to specific needs.

Easy maintenance: Net maintenance and inspection are generally relatively simple, reducing subsequent management costs.

Good impact resistance: They effectively capture and stop sliding rocks, preventing damage to the area below.

Cost savings: Compared to other protective measures, passive protection nets are generally lower cost and guarantee effective protection.

◆ Escenario de aplicación

Roads and railways: These are installed on mountains and hillsides along traffic routes to prevent the impact of rockfalls and landslides on traffic.

Water conservation projects: These are used to protect reservoirs, rivers, etc., ensuring the safety of water and soil resources.

Mines and construction sites: These prevent landslides and rock slides during mining or construction, and protect the safety of personnel and construction equipment.

Mountain tourist areas: These protect the natural landscape, ensuring the safety of tourists and preventing accidents.

◆ Slope protection network



Slope protection nets are a type of protective device used to protect slopes, mountains, and soil structures. They are primarily used to prevent landslides, mudslides, and other geological disasters. They are usually made of high-strength steel wire or galvanized steel wire, with high tensile strength and durability, and effectively resist external impacts and natural erosion.

Slope protection nets are usually designed with an open structure that blends naturally with the environment, allowing water flow and plant growth, thus promoting ecological recovery.

◆ Main features

High strength and durability: It uses high-strength steel wire, ensuring that the protective netting can withstand strong pressures and impacts to maintain slope stability.

Good permeability: The open structural design allows water flow, reducing soil erosion and preventing substrate loss.

Environmentally friendly: The design of the slope protection netting facilitates plant growth, promotes ecological recovery, and increases the area's biodiversity.

Easy assembly: Installation is relatively simple and can be flexibly adapted to actual needs, making it suitable for all topographical conditions.

Economical and practical: Compared with traditional concrete protection measures, slope protection netting offers greater economic benefits and is more eco-friendly.

◆ Application scenario

Slope protection nets are widely used in the following fields:

Highways and railways: These are used to protect steep road slopes and prevent landslides from affecting traffic.

Water conservancy projects: These are used to protect the slopes of reservoirs and rivers and ensure the stability of water and soil resources.

Mines and construction sites: These prevent the sliding of soil and rock during mining and construction.

Ecological restoration projects: In ecological restoration, slope protection nets can promote plant growth and restore natural ecology.

◆ Active protection network



Active protection netting is an advanced technology used for the geotechnical protection of slopes, mountains, and landslides. Its objective is to effectively control and prevent natural disasters such as rockfalls and mudslides. By installing structures such as steel wire mesh and anchors, active protection netting utilizes its own tension and structural stability to actively counteract and absorb external impacts and ensure slope safety.

Compared with passive protection netting, active protection netting has greater adaptability and flexibility, and can provide effective protection in dynamic environments.

◆ Specification

High strength and toughness: The active protection net is made of high-strength steel wires or synthetic materials, which can withstand large tensile forces and impacts to ensure a protective effect.

Flexible and adaptable: Suitable for a wide range of terrains and geological conditions, it can be designed and installed according to specific conditions.

Good water permeability: The open design allows water to pass through, helping to reduce the risk of erosion and landslides.

Ease of construction: Relatively easy to install and maintain, saving construction time and costs.

Environmentally friendly: Allows plants to grow within the net, promoting ecological restoration and improving the biodiversity of the area.

◆ Escenario de aplicación

Highways and railways: These are used to protect mountains and hillsides along traffic routes, preventing landslides and rockfalls from threatening road safety.

Water conservancy projects: These provide slope protection for reservoirs, rivers, and other projects to ensure the stability of water and soil resources.

Mines and construction sites: These are used to prevent landslides and rockfalls during mining and construction.

Mountain parks and tourist areas: These protect the natural landscape and ensure the safety of tourists.



Steel plate mesh

◆ 01. Expanded metal

18



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◆ Expanded metal



Expanded steel mesh is a material made from high-quality steel plates through stamping, welding, and other processes. It is widely used in various sectors, including construction, transportation, industry, and landscaping.

◆ Specifications and customization

Expanded steel mesh comes in a variety of specifications, including mesh sizes, thicknesses, and surface treatments, which can be customized to meet specific customer needs.

◆ Product Features

Product Features

Steel plate mesh has good load-bearing capacity and is suitable for intensive use.

Corrosion resistance

The surface is thermally annealed or sprayed to improve corrosion resistance and adapt to various environments.

Water permeability

The mesh design allows free flow of water and air, ideal for drainage and ventilation needs.

Aesthetics

Different sizes, colors and styles can be customized to suit various architectural and landscaping needs.

◆ Áreas de aplicación

Proyectos de construcción: escalones de escaleras, pasarelas, plataformas, etc.

Instalaciones de transporte: instalaciones terrestres como puentes y estacionamientos.

Equipos industriales: protección de equipos mecánicos, plataformas para máquinas, etc.

Jardinería y paisajismo: barandillas para zonas verdes, soportes para parterres, etc.



Steel grating

◆ 01. Stainless steel grate

20



◆ 02. Galvanized steel grating

21



◆ 03. Composite steel grating

22



◆ 04. Heavy steel grating

23



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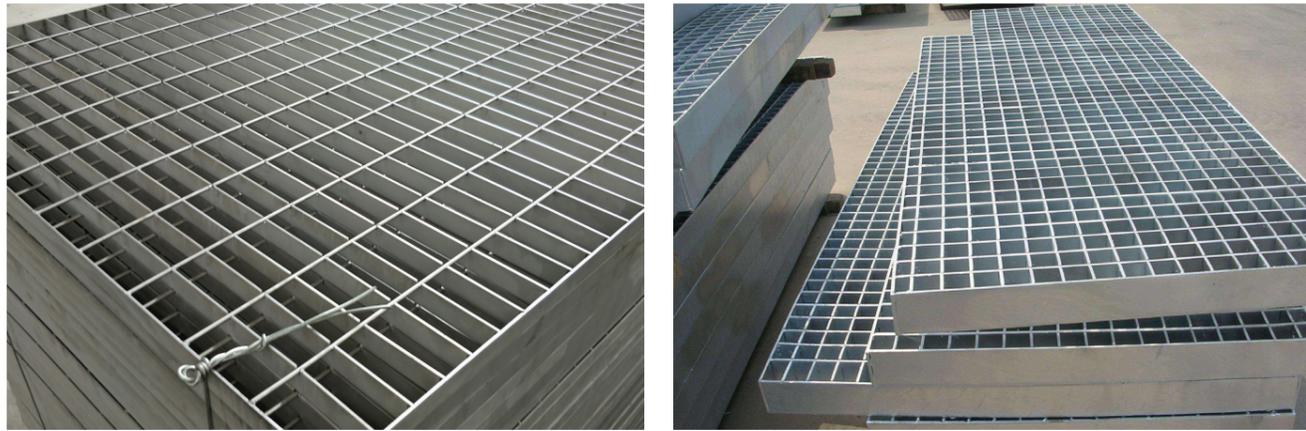
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◆ Stainless steel grate



Stainless steel grating is an open metal mesh plate composed of flat stainless steel and welded or pressed crossbars. It is widely used in various industries, such as construction and municipal engineering, thanks to its excellent anti-corrosion performance and high strength. Stainless steel grating not only offers good load-bearing capacity but also excellent anti-slip properties, ventilation, water permeability, and other characteristics, ideal for environments with high anti-corrosion requirements.

◆ Main features

High corrosion resistance

Stainless steel gives the grating excellent anti-corrosion performance, especially suitable for humid or corrosive environments.

High load capacity

Stainless steel grating offers high strength and hardness, and can withstand the pressure of heavy equipment or high-density traffic.

Good anti-slip performance

The surface of the grid is designed with anti-slip teeth or has a natural anti-slip effect, which effectively improves safety.

Beautiful and durable

The stainless steel grate has a simple and elegant appearance, high gloss, high durability and long service life.

Easy maintenance

Stainless steel does not rust easily, its surface is smooth, easy to clean and maintain, and reduces long-term maintenance costs.

◆ Application scenarios

Stainless steel grating is widely used in the petroleum, chemical, power plants, wastewater treatment, shipbuilding, food processing, pharmaceutical, and other industries with high corrosion resistance requirements. Common applications include industrial platforms, walkways, stair treads, gutter covers, guardrails, and more.

◆ Galvanized steel grating



Galvanized steel grating is a metal grating plate made of carbon or low-alloy steel, with crossbars welded or pressed together. Its hot-dip galvanized surface offers excellent corrosion resistance and high strength. Galvanized steel grating has a robust structure and high load-bearing capacity. The galvanized surface not only improves corrosion resistance but also gives it a more attractive appearance.

◆ Main features

High anti-corrosion performance

The surface of the steel grating is hot-dip galvanized, which effectively prevents rust of the steel in humid or corrosive environments.

High load capacity

Galvanized steel grating has good load-bearing capacity and is suitable for heavy-duty environments such as industrial platforms and highways.

Non-slip design

The galvanized steel grating has excellent anti-slip performance and can be fitted with anti-slip teeth, making it ideal for locations requiring high safety standards.

Ventilation and drainage

The grid structure design provides good ventilation and drainage, preventing the accumulation of water and dust.

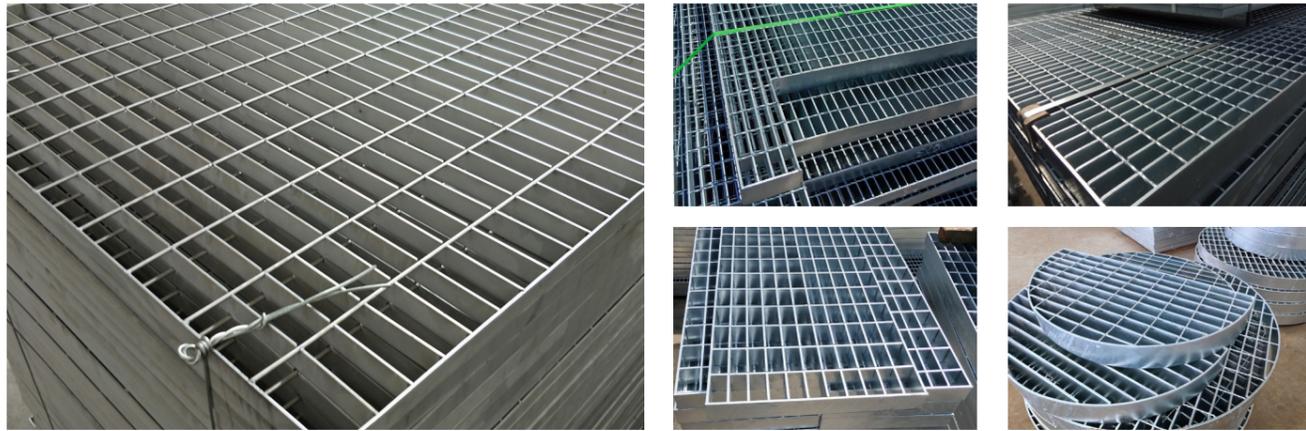
Easy installation

Steel grating is lightweight, easy to install, has low maintenance costs and a long service life.

◆ Application scenarios

Galvanized steel grating is widely used in industrial sectors such as power plants, chemical plants, oil platforms, wastewater treatment plants, ships, and transportation facilities. It is also commonly used in urban drainage ditch covers, manhole covers, building walkways, and protective fences in public places. Its performance is particularly good on outdoor platforms and in humid environments.

◆ Composite steel grating



Composite steel grating is a high-performance plate that combines the advantages of steel grating with other materials (such as resins, polymers, or composite materials). Through a specific process, the steel grating is combined with other materials to form a lightweight, high-strength, corrosion- and wear-resistant composite structure. The surface is usually coated with a layer of high-performance materials, giving it good resistance to corrosion, oxidation, and chemicals. Compared with traditional steel gratings, composite steel grating is lighter, easier to transport and install, while maintaining good load-bearing capacity and anti-slip performance.

◆ Dimensional

High strength and lightness: Composite steel grating offers high strength while reducing weight, making it easy to transport and install.

Excellent corrosion resistance: The composite material surface resists various chemicals and environmental factors, extending its lifespan.

Good anti-slip performance: The surface design of composite steel gratings generally has an anti-slip effect, improving safety.

Environmental protection: The materials used in many composite steel gratings are recyclable, in line with the concept of sustainable development.

Various designs and colors: Composite steel gratings can be designed in different shapes and colors as needed to meet the aesthetic requirements of different occasions.

◆ Quality Control

Composite steel grating is widely used in chemical plants, wastewater treatment plants, pharmaceutical plants, food processing plants, transportation, construction, and other industries. Common applications include industrial platforms, walkways, gutter covers, walkways, work platforms, and fences.

Thanks to its excellent performance, composite steel grating is especially effective in environments requiring high safety and durability.

◆ Heavy steel grating



Heavy-duty steel grating is a metal mesh panel made of high-quality carbon or alloy steel, designed to withstand heavy loads. Due to its high strength and high load-bearing capacity, it is often used in high-load environments, such as heavy machinery, transportation equipment, and heavy object storage areas.

Heavy-duty steel grating is typically made of thickened flat steel and crossbars using welding or compression-locking technology, and has a relatively large mesh opening to improve drainage and ventilation. Its surface is often hot-dipped galvanized to improve corrosion resistance and extend its service life.

◆ Main features

High load capacity

The heavy-duty steel grating is designed to withstand high loads and remain stable under high-density traffic and heavy machinery.

High durability

Made of high-quality steel and treated with anti-corrosion treatment, it is suitable for various harsh environments and offers a long service life.

Non-slip

The surface can be designed to be slip-resistant and improve safety in slippery environments.

Ventilation and drainage

The open design allows water to drain efficiently and prevents water and debris buildup.

Easy installation

Its relatively light weight and simple installation method save construction time and costs.

◆ Quality Control

Heavy-duty steel grating is widely used in high-load environments such as chemical plants, power plants, metallurgical plants, mines, heavy machinery workshops, and logistics centers. It is often used to make industrial platforms, walkways, stair treads, equipment foundations, and heavy vehicle paths.



Guardrail mesh

◆ 01. Barbed wire

25



◆ 02. Airport fence

26



◆ 03. Prison fence

27



◆ 04. Stadium fence

28



◆ 05. Barandilla municipal

29



◆ 06. Railroad fence

30



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◆ Barbed wire



Barbed wire fencing is a type of security facility with a strong protective function. It is widely used in military zones, borders, prisons, detention centers, quarantine areas, airports, farms, etc., which require a high level of protection. Barbed wire fencing is composed of strong steel wire and sharp barbed wire. It is primarily used to prevent intrusion, climbing, and illegal crossings, and serves as isolation and blocking.

Barbed wire fencing is usually made of galvanized or PVC-coated steel wire. After anti-corrosion treatment, it offers excellent weather resistance and durability. The barbed wire is tightly wound and sharp, forming a solid physical barrier. Barbed wire fencing can be used alone or in combination with chain-link mesh, wire mesh, etc., to enhance protection.

◆ Main features

High protection performance

The sharpness and tight arrangement of barbed wire can effectively prevent intruders from climbing and play a powerful blocking and deterrent effect.

Corrosion resistance

With galvanized or PVC coating, barbed wire offers good corrosion resistance and is suitable for various harsh environments.

Easy installation

The barbed wire fence has a simple structure and is easy to install, and the protection system is quickly assembled.

Economical and practical

Compared with other types of protective equipment, barbed wire fences are low-cost, offer high value for money, and are suitable for large-scale use.

◆ Escenario de aplicación

Las cercas de alambre de púas se utilizan ampliamente en protección militar, aislamiento fronterizo, protección perimetral de prisiones, aislamiento de seguridad de fábricas y almacenes, y cercado de granjas y ranchos. Proporciona una seguridad eficaz en áreas que requieren alta protección y también se puede utilizar en el sector agrícola para encerrar ganado y proteger tierras de cultivo.

◆ Airport fence



Airport fencing is typically woven from high-quality steel wire or galvanized iron wire, and its surface is treated with anti-corrosion treatments, such as hot-dip galvanizing or electrostatic spraying, to ensure its excellent performance in conditions of erosion caused by wind, sun, rain, and snow.

Its structural design is scientific and practical, generally using a mesh or welded structure, and the top is equipped with anti-climb spikes or barbed wire for enhanced protection.

◆ Main features

Airport fences are typically high, which, combined with their anti-climb design, effectively prevents illegal intrusion. They not only provide excellent security protection but are also aesthetically pleasing, easy to maintain, and convenient to install. The overall structure of the fence is firm, and the installation method is flexible, allowing for customization based on the terrain and airport needs.

◆ Application scenarios

Airport fencing is a metal structure specifically designed for airport security. It is primarily used to prevent unauthorized personnel, vehicles, or animals from entering the airport area and ensure operational safety.

It offers high strength, corrosion resistance, impact resistance, and other characteristics, making it ideal for complex outdoor environments.

◆ Prison fence



Prison fencing is a high-strength protective net designed to ensure security, primarily used to prevent prisoner escapes and illegal intrusion. It is generally woven from high-strength galvanized or powder-coated steel wire and offers excellent weather resistance. The mesh is dense and the grid is durable. Barbed or razor wire is often installed on top for added protection.

The height of the fence is usually over 3 meters to prevent prisoners from climbing and escaping, and it offers good anti-destruction performance.

◆ Main features

High impact resistance

The fence uses thickened steel wire and a reinforced structure to resist strong impacts and damage from external forces.

Anti-climb design

The top is equipped with barbed wire or razor wire, and the high-density mesh structure greatly improves anti-climbing performance.

Resistance to corrosion and oxidation

After galvanizing and plastic spraying, it resists erosion from natural environments such as rain and sunlight, thus prolonging its service life.

Easy maintenance

The railing network has a simple structure, easy installation, easy subsequent maintenance and great durability.

◆ Application scenarios

Prison railing nets are primarily used in high-security facilities, such as prisons and detention centers. They can also be used in special areas, such as military restricted zones and border crossings, to ensure their security. The railing net effectively ensures the control and management of internal personnel and prevents illegal entry by outside personnel.

◆ Stadium fence



Court fencing is typically made of high-strength galvanized steel wire or PVC-coated steel wire mesh, with a solid structure and impact, corrosion, and aging resistance. Its grid design is reasonable, the mesh is uniform, not easily damaged, and has good permeability, which does not affect game visibility. The height of the fence is typically between 3 and 6 meters to ensure that sports equipment does not easily fly off the premises.

◆ Main features

Robust protection

Court fencing effectively prevents sports equipment, such as balls, from flying off the field, while protecting the safety of athletes and spectators.

High durability

Made of high-quality steel wire and PVC coating, the court fence offers good corrosion and UV resistance, ideal for long-term outdoor use.

Easy installation

The court fence has a simple structure, easy installation and maintenance, meeting the needs of various venues.

Good aesthetics

The fence has an elegant design, usually in eco-friendly colors like green and blue, which blends harmoniously with the court's surroundings and enhances the venue's overall aesthetic.

◆ Application scenarios

Court fencing is suitable for various sports venues, such as football fields, basketball courts, tennis courts, badminton courts, volleyball courts, etc. The fence not only provides security but also divides the venue and helps maintain the order of the game.

◆ Municipal railing



Prison fencing is a high-strength protective net designed to ensure security, primarily used to prevent prisoner escapes and illegal intrusion. It is generally woven from high-strength galvanized or powder-coated steel wire and offers excellent weather resistance. The mesh is dense and the grid is durable. Barbed or razor wire is often installed on top for added protection. The height of the fence is usually over 3 meters to prevent prisoners from climbing over and escaping, and it offers good anti-destruction performance.

◆ Funciones principales

Separation function

Effectively separates motor vehicle lanes, non-motor vehicle lanes, and sidewalks, ensuring traffic order and avoiding interference between vehicles and pedestrians.

Protection function

They prevent vehicles from straying from their lanes, perform an anti-collision function, and at the same time ensure the safety of pedestrians and non-motorized vehicles.

Guide function

Guardrails guide traffic, improve driving and traffic efficiency, and relieve traffic pressure.

Beautification function

The municipal railings have a simple and elegant shape, with bright colors, which enhance the city and improve its appearance.

◆ Application scenarios

Municipal guardrails are widely used in main roads, secondary roads, pedestrian streets, bridges, squares, parks, and other municipal facilities, playing an important role in traffic guidance and safety protection.

◆ Railroad fence



Railway fence are important safety features along the track. Their main functions are to ensure the safety of rail traffic, prevent foreign objects from entering the track, and protect the safety of passengers and pedestrians.

Railway fence are typically made of high-strength steel or wire mesh, with excellent resistance to impact, corrosion, and weathering, among other characteristics, and can withstand harsh environments for long periods of time.

◆ Main features

The design of railway guardrails considers strength and aesthetics, prioritizing construction economy and convenience. Guardrails installed along the track can effectively prevent animals, vehicles, or other obstacles from entering the track and reduce accidents. Furthermore, railway guardrails can also be used to isolate areas with different functions, ensuring the order and safety of railway operations.

◆ Application scenarios

Depending on the geographical environment and application requirements, there are various types of railway guardrails, such as mesh guardrails, fence guardrails, and so on, suitable for high-speed railways, intercity railways, conventional railways, and other rail transportation lines.

They not only improve the safety protection level of the railway system but also provide strong support for the sustainable development of railway transportation.



Cage series

◆ 01. Storage cages

31



◆ 02. Pet cage

32



◆ 03. Breeding cages

33



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◆ Storage cages



Storage cages are metal-framed cages used to store and transport goods, primarily in warehouses, logistics centers, and factories. Typically made of high-quality steel, they have a solid structure and good load-bearing capacity, and can efficiently store various types of items, including bulk goods, finished goods, and parts.

Storage cages typically have an open structure for easy storage and ventilation of goods. They can be stacked to optimize warehouse space and reduce floor space. They can also be equipped with accessories such as pulleys and handles for easy movement and handling.

◆ Main features

High load-bearing capacity: The storage cages are made of solid steel and can withstand heavy weights, making them ideal for storing heavy items.

High space utilization: Designed as a stackable structure, they optimize vertical space and improve storage efficiency.

Good ventilation: The open design ensures air circulation, ideal for storing items that require ventilation and prevents moisture and mold.

Durability: Generally rust-resistant, with high resistance to corrosion and damage, ideal for long-term use.

Easy handling: The transparent structure of the storage cage makes it easy to quickly identify and manage stored items, improving work efficiency.

◆ Application scenarios

Storage cages are widely used in warehouse management, logistics distribution, production workshops, and other environments. They are ideal for storing a variety of items, such as electronics, auto parts, daily necessities, food, and cosmetics. Storage cages play an important role in modern logistics and supply chain management, helping companies improve storage and transportation efficiency.

◆ Pet cage



Prison fencing is a high-strength protective net designed to ensure security, primarily used to prevent prisoner escapes and illegal intrusion. It is generally woven from high-strength galvanized or powder-coated steel wire and offers excellent weather resistance.

The mesh is dense and the grid is durable. Barbed or razor wire is often installed on top for added protection. The height of the fence is usually over 3 meters to prevent prisoners from climbing and escaping, and it offers good anti-destruction performance.

◆ Main features

Safety: Pet cages provide a safe space to prevent pets from escaping or feeling threatened by the external environment.

Comfort: The interior space is reasonably designed and usually equipped with mats or mattresses to provide a comfortable resting place.

Breathability: Most pet cages have good ventilation to ensure air circulation and prevent pets from feeling stuffy.

Easy to clean: Many pet cages are removable or have a washable chassis for easy daily cleaning and maintenance.

Portability: Their lightweight and foldable design makes them easy to transport and ideal for travel and outdoor activities.

◆ Application scenarios

Pet crates can be used in a variety of situations, such as breeding at home, transporting pets on trips, training, and exhibitions. At home, pet crates provide a safe resting area and help owners manage their activities. When traveling, collapsible crates are easy to transport and ensure the safety and comfort of pets.

◆ Breeding cages



A breeding cage is a type of enclosure or housing facility used for raising small animals (such as birds, rabbits, fish, reptiles, etc.). Its primary purpose is to provide a safe, comfortable, and efficient environment to promote animal growth and reproduction. Breeding cage designs take into account the animals' activity needs and health, and typically feature good ventilation, drainage, and cleaning to maintain a hygienic environment.

Breeding cages are made of various materials, including metal, plastic, and wood. Metal breeding cages typically use stainless steel or galvanized steel wire, which offers excellent durability and corrosion resistance; plastic cages are lightweight and easy to clean, suitable for poultry and small pets; wooden breeding cages are more natural and aesthetically pleasing, ideal for indoor or small farms.

◆ Main features

Safety: Breeding cages provide a safe habitat for animals, preventing external threats and escapes.

Ventilation: Well-designed breeding cages provide good ventilation, maintain air circulation, and prevent odors and moisture.

Hygiene: Many breeding cages are designed with an easy-to-clean chassis, which makes it easier to clean feces and keep the environment dry and hygienic.

High space utilization: Multi-layer or modular designs optimize space and improve breeding efficiency.

Easy handling: Breeding cages make it easy to observe and monitor animal health, and are convenient for feeding and cleaning.

◆ Application scenarios

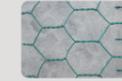
Breeding cages are widely used in family farming, agricultural farms, and small livestock operations. They are typically used for raising poultry (such as chickens, ducks, pigeons, etc.), small mammals (such as rabbits, guinea pigs, etc.), aquaculture (such as fish, shrimp, etc.), and reptiles (such as snakes, lizards, etc.). In modern agriculture, the use of breeding cages can improve breeding efficiency and promote healthy animal growth.



Gabion mesh

◆ 01. Plastic coated gabion

36



◆ 02. Welded gabion mesh

37



◆ 03. Galvanized gabion mesh

38



◆ 04. Gabion mesh

39



◆ 05. Gabion mesh

40



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◆ Plastic coated gabion



The plastic-coated gabion is made of high-strength steel wire, coated with a layer of plastic to improve its corrosion resistance. Filled with stone or granular materials, it is widely used in water conservancy, slope protection, and ecological restoration. Its open structure allows water flow, reducing soil erosion, promoting plant growth, and ecological restoration.

◆ Main features

Excellent corrosion resistance: The plastic coating allows for longer use in humid or corrosive environments, preventing rust.

Good water permeability: The open design allows water to flow freely, reducing water pressure on the soil and preventing erosion.

Ecological adaptability: The structure allows vegetation to grow, promoting ecological restoration and environmental beautification.

Stable structure: The stone fill and the firmness of the plastic-coated mesh box effectively resist water and wind invasion.

Easy installation: Relatively lightweight, easy to transport and install, and suitable for various terrains and construction conditions.

◆ Application scenarios

Riverbed and channel protection projects: These are used to prevent bank erosion and protect water and soil resources.

Slope and soil protection: These can be used to prevent geological disasters such as landslides and mudslides.

Ecological restoration: In ecological restoration projects, plastic-coated gabions can promote vegetation growth and enhance biodiversity.

Retaining walls and water conservation facilities: These are used to protect and support water conservation facilities, such as reservoirs and canals.

Gardening and landscape design: These are used to beautify the environment and provide soil stability.

◆ Welded gabion mesh



Welded gabions are wire mesh enclosures manufactured by electric welding, primarily used in protective and support engineering. They are welded with high-strength galvanized steel wire or stainless steel wire to form a lattice structure, and filled with stone or other solid materials to form a stable protective structure. Welded gabions are widely used in water conservancy projects, slope protection, ecological restoration, and other fields. Compared with traditional woven gabions, welded gabions feature a more robust structure, with firm weld points, capable of withstanding greater pressure and impact, and are suitable for high-load situations.

◆ Main features

Stable structure: The welded lattice structure provides the welded gabion with greater stability and load-bearing capacity, allowing it to withstand greater external pressures.

Corrosion resistance: Galvanized or stainless steel materials are generally used, with good corrosion resistance, suitable for use in harsh environments.

Good water permeability: The open design allows water to flow freely, reducing and preventing soil erosion.

Ecological adaptability: The structure allows vegetation to grow within the mesh, contributing to the restoration of the ecological environment and increasing biodiversity.

Easy to install: Relatively lightweight, easy to transport and install, and flexible to use according to actual needs.

◆ Application scenarios

River and riverbank protection projects: Used to prevent bank erosion and protect water and soil resources.

Slope protection: Prevents geological disasters such as landslides and mudslides.

Ecological restoration: In ecological restoration projects, welded gabions can promote plant growth and improve ecological stability.

Retaining walls and water conservancy facilities: Used to protect and support water conservancy projects such as reservoirs and canals.

Civil engineering: Can be used for the support structure of building foundations to ensure their stability.

◆ Galvanized gabion mesh



Galvanized gabions are protective structures composed of wire mesh boxes and stones, primarily used in water conservancy, environmental protection, and civil engineering. Their basic structure consists of woven galvanized steel wire into a mesh structure and filled with stones or other solid materials to form a stable protective and support system. The galvanizing treatment provides excellent corrosion resistance to the mesh box and extends its service life.

Galvanized gabions feature good water permeability and ecological adaptability, allowing unhindered water flow, reducing soil erosion, and promoting plant growth inside and outside the mesh box, thus contributing to the restoration and maintenance of the ecological environment.

◆ Main features

Strong corrosion resistance: Galvanized steel effectively prevents rust and corrosion, making it ideal for use in humid or harsh environments.

Good water permeability: The open structure allows for effective water drainage, preventing soil erosion and reducing the impact of water on the soil.

Structural stability: The weight of the filled stones and the rigidity of the mesh box combine to provide good erosion resistance and support.

Eco-friendly: The gabion structure allows plant growth, helps restore the ecological environment, and improves the biodiversity of the region.

Easy installation: Relatively lightweight and easy to transport and install, suitable for various ground conditions.

◆ Application scenarios

Bank and slope protection projects: These are used to prevent soil erosion on banks and slopes and reduce the risk of scour and landslides.

Ecological restoration: These are suitable for restoring and protecting the ecological environment and increasing vegetation cover in the region.

Retaining walls and slope protection: These are used to support and protect elevated slopes for roads and earthworks, thus ensuring structural stability.

Retaining walls and water conservancy facilities: These are used as protective measures in water conservancy projects such as reservoirs and canals.

Landscaping: These are used to beautify and protect the soil in gardening and landscape design.

◆ Gabion mesh



Gabions are a material used to prevent soil erosion and water loss. They are made of galvanized or plastic-coated steel wire. They are filled with materials such as stones to form a stable structure and are often used in locations such as riverbanks and hillsides.

The gabion's design allows water to flow through, which helps reduce pressure on the soil and can promote plant growth and maintain ecological balance.

◆ Main features

Good water permeability: The open structural design allows water to pass freely, reducing soil erosion and preventing soil and water loss.

Strong erosion resistance: Gabions can effectively resist water erosion, protect the bank and slope, and prevent soil sliding.

Environmentally friendly: Gabions can promote vegetation growth, help restore the ecological environment, and increase biodiversity.

Easy to build: Gabion installation is relatively simple and adapts to different terrains, saving time and money.

Durability: Thanks to their high-quality steel wire and anti-corrosion coating, gabion mesh withstands harsh weather and adverse environmental conditions, offering a long service life.

◆ Application scenarios

Widely used in various fields, including water conservation, transportation, and environmental protection. Its main applications include:

River and lake bank protection projects;

Mountain and hillside protection and landscaping;

Ecological restoration projects to prevent soil erosion;

Slope stabilization of highways and railways;

Retaining walls and support structures in civil engineering.

◆ Gabion mesh



A gabion is a protective structure composed of metal cages and stones, commonly used in river management, slope protection, and other projects. It is constructed by placing stones in metal cages to form a stable structure that resists soil and water erosion. The cages are made of galvanized or PVC-coated steel wire, which offers good corrosion resistance. Their open structure allows water flow and promotes plant growth, thus improving ecological stability.

◆ Características principales

Good permeability: The open structure of the gabion allows water to pass freely, effectively reducing water erosion on the soil.

Strong anti-scour capacity: The weight and stability of the filled stones provide a strong anti-scour capacity, ideal for areas susceptible to water erosion, such as rivers and coastlines.

Environmental protection: The gabion allows the growth of surrounding vegetation, helping to restore the ecological environment and improve the region's biodiversity.

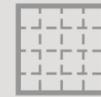
Stable structure: The gabion mesh forms a stable protective structure through the combination of a wire mesh frame and stone, which effectively resists external impacts.

Simple installation: The assembly and installation of the gabion mesh are relatively simple, suitable for various terrains, and reduce construction time and costs.

◆ Escenarios de aplicación

Widely used in water conservancy, transportation, environmental protection, and other projects. Common applications include:

- River management and dredging;
- Slope protection to prevent landslides and mudslides;
- Riverbank protection projects to reduce water erosion;
- Slope protection on highways and railways;
- Support and protection of building foundations.



Decorative mesh

◆ 01. Red decorativa

42-43



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◆ Red decorativa



Decorative mesh is a mesh structure made of high-quality metal materials (such as stainless steel, aluminum alloy, or galvanized steel). It offers a variety of designs and excellent performance, and is widely used in fields such as architecture, interior decoration, and landscaping. It not only provides security but also beautifies the environment and improves the overall visual effect of the space.

◆ Características principales

Diverse design

Decorative mesh offers a variety of design styles, openings, and shapes to suit customer needs, including square, round, and diamond shapes, among others.

Corrosion resistance

It incorporates an antioxidant treatment and offers excellent corrosion resistance, ideal for prolonged use in various environments.

Breathability and lighting

The unique mesh structure ensures excellent breathability and light transmission, ideal for spaces requiring natural ventilation and lighting.

Light and easy to install

Decorative mesh is lightweight, easy to transport and install, and shortens construction time.

◆ Specs

Material

Stainless steel, aluminum alloy, galvanized steel, etc.

Mesh size

Customizable to customer needs; common openings are 5 mm, 10 mm, 20 mm, etc.

Width and length of the mesh

Customizable according to project requirements; common widths are 1 meter, 1.2 meters, 1.5 meters, etc.

Surface treatment

Various surface treatment methods can be selected, such as electroplating, spraying and painting.

◆ Areas of application

Architectural decoration

It is used to decorate the facade and interior of buildings, enhancing their beauty and modernity.

Interior design

It is used as decoration for walls, partitions, ceilings, etc., to add a touch of hierarchy and design to the interior space.

Landscape

It is used in small rooms, screens, green areas, etc., to enhance the artistic effect of the environment.

Commercial space

It is used in display areas in shopping malls, exhibitions, and other venues to help brands create a unique image.

◆ Product advantages

Eco-friendly materials

Non-toxic and environmentally friendly materials are selected to ensure environmental friendliness and pollution-free performance.

Personalization

Customized services are offered according to the specific needs of clients to meet specific design requirements.

Easy maintenance

The surface treatment makes the decorative mesh easy to clean and maintain, maintaining its long-lasting beauty.

High security

The robust metal structure provides good protection and is suitable for various applications.