



Anping Rongtai Wire Mesh Fence Co., Ltd.

Wire Mesh Solution
Provider & manufacturer

Product specifications, dimensions and appearance in the catalog are subject to change without prior notice.





WhatsApp



WeChat

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VISION

Rongtai's vision is to contribute to the national infrastructure with high productivity and high quality; Adhere to innovation, create more possibilities for the application of science and technology in the field of engineering.

GOAL

Build a new pattern of intelligent wire mesh industry.

BUILD A NEW PATTERN OF INTELLIGENT WIRE MESH INDUSTRY



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ABOUT US

Welcome to RONGTAI Group, a leading manufacturer and comprehensive wire mesh solutions provider since 2005. We specialize in developing high-quality, customized wire mesh products that enhance security, efficiency, and performance across a wide range of industries. Our mission is to advance global infrastructure and industrial applications through productive, top-quality offerings.

Globally recognized, our products have been integral to major projects like the Qinghai-Tibet Railway, South-North Water Diversion, Vietnam's North-South Highway, Kenya's Mombasa-Nairobi Railway, Cambodia's Phnom Penh Int'l Airport, and Alibaba's logistics and storage center in the United States.

RONGTAI's diverse product portfolio extends far beyond fencing to include welded mesh, woven wire, expanded metal, perforated metal, filtration components, and other specialized mesh products. Our solutions are tailored for critical applications in infrastructure, transportation, industrial processing, architecture, agriculture, and geotechnical engineering.

Looking ahead, RONGTAI is committed to driving innovation by integrating cutting-edge technology into wire mesh engineering. We strive to pioneer an intelligent industrial model, setting new standards for excellence and versatility in the wire mesh industry.



COMPANY FIGURES & ADVANTAGES



2005

Founded In



20 years

Industry Experience



GB/T 26941

Drafter of wire mesh national standard



580+

Employee



30+

Country of sale



60,000m²

Factory floor space



6+

Product category



COMPANY CERTIFICATES



• IS045001



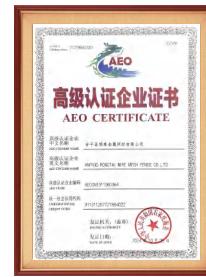
• IS014001



• IS09001



• CE



• AEO

HISTORY



2007

Spurred by China's infrastructure and construction surge, Rongtai grappled with soaring demand that outpaced production capacity. The company unveiled a new, larger, and more technologically advanced manufacturing facility. Boasting automated lines and stringent quality control, this factory enabled exponential output growth. Its inauguration marked a pivotal milestone, cementing Rongtai's position as a major wire mesh industry player, well-equipped to tackle the nation's burgeoning infrastructure needs.

2005

Lu founded "Anping Rongtai Wire Mesh Fence Co., Ltd.," a cutting-edge manufacturing facility expanding the company's offerings to include welded wire mesh, woven wire mesh, metal fences, and gabion mesh. This strategic diversification strengthened Rongtai's domestic market presence and enabled global expansion. With a laser focus on quality and innovation, the company swiftly emerged as an industry leader, renowned for superior craftsmanship and pioneering production techniques.

1997

Driven by surging demand, Lu opened a state-of-the-art factory to satisfy the voracious market. Lu also began exploring new product lines beyond just wire mesh, diversifying into woven wire mesh, gabions, and welded wire fencing. His innovative spirit and keen business sense helped the company grow rapidly during this period of economic expansion in China. By the end of the decade, Lu's company had become one of the largest manufacturers of wire mesh products in Anping County.

1993

The Reform and Opening-up Policy ushered in a wealth of opportunities for Chinese citizens and foreign investors to engage in business ventures within China. Among the many enthusiastic entrepreneurs was Lu, who founded his business dealing in steel wire, galvanized wire, and barbed wire. He quickly became one of the pioneering contributors to Anping's esteemed reputation as the "City of Wire Mesh."



2023

Rongtai accelerated its global expansion, its products started to sell to more countries and regions in Asia-Pacific Area, Middle East, East and West Africa, Europe, and South America. Leveraging our technology and operational efficiency, the company gained a competitive edge in overseas markets. Rongtai's dual focus on international growth and quality-centered operations cemented Rongtai's position as an industry leader shaping the future of wire mesh manufacturing worldwide.

2022

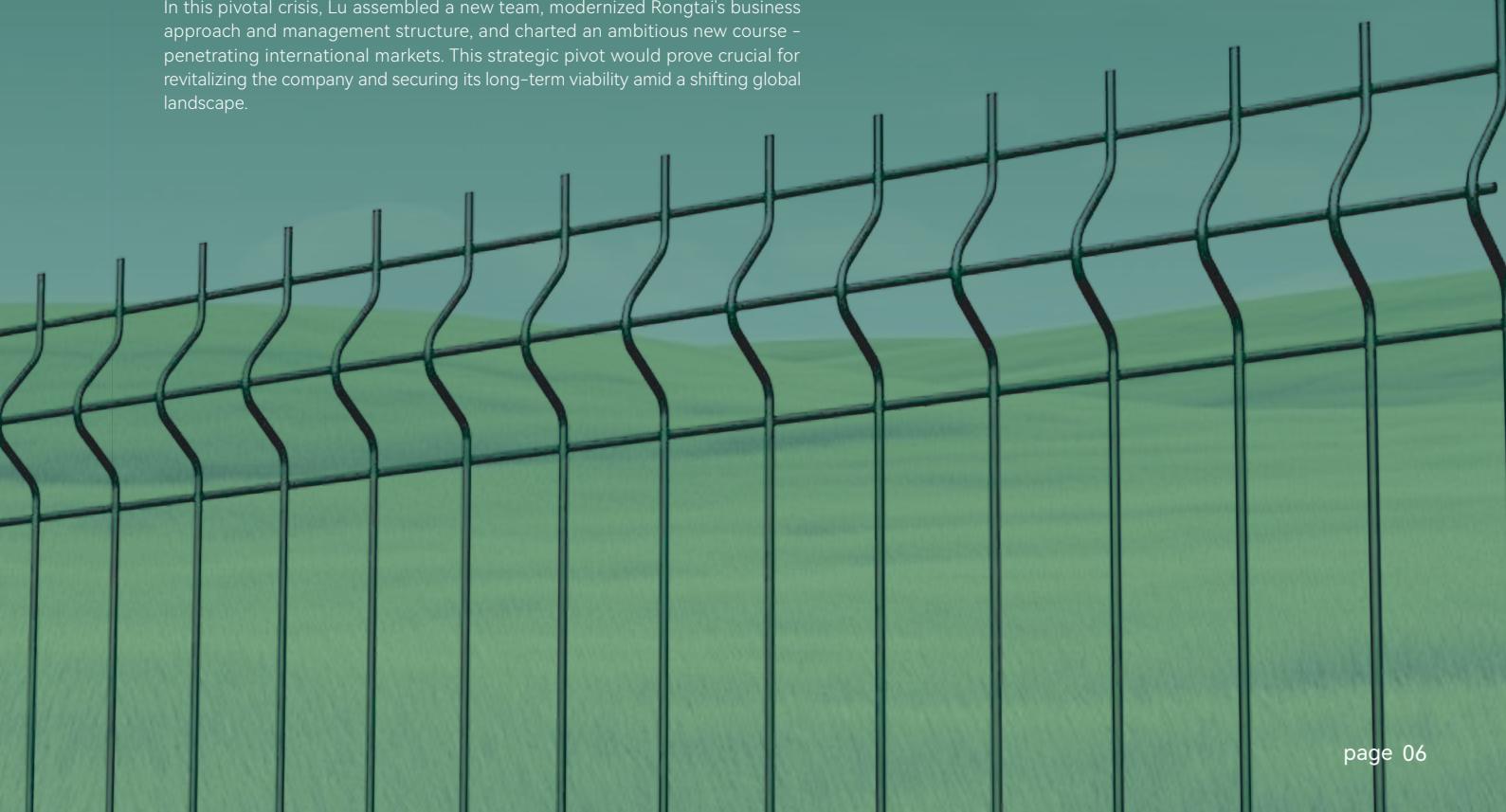
Rongtai unveiled its largest factory yet in the "Xiong'an-Hengshui Cooperation Industry Park," further expanding production capabilities. Additionally, "Tengtaida Intelligent Technology Development Co." and "Shentai Wire Mesh Technology Co." were established to spearhead technological advancements within the industry.

2018

Lu recognized that the wire mesh industry urgently needs more advanced and eco-friendly production methods. Thus, he formed Yutai Intelligent Technology Co. to support his ambitious idea.

2015

Facing economic headwinds as growth slowed and infrastructure projects dwindled, Rongtai's traditional business model became outdated despite its advanced production technology and large-scale factories. Employees departed, and losses mounted. In this pivotal crisis, Lu assembled a new team, modernized Rongtai's business approach and management structure, and charted an ambitious new course - penetrating international markets. This strategic pivot would prove crucial for revitalizing the company and securing its long-term viability amid a shifting global landscape.



Build a new pattern of intelligent wire mesh industry

PERFORMANCES

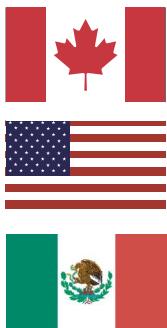


OUR PRODUCTS ARE
SOLD WORLDWIDE

30+
countries



NORTH AMERICA

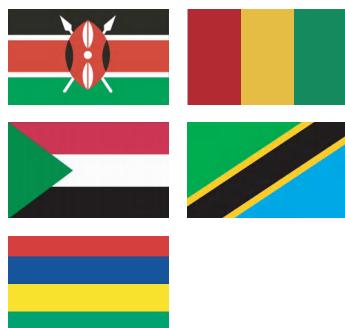


SOUTH AMERICA



EUROPE



**AFRICA****ASIA****OCEANIA**

RT Anti-Climb 358 Fence HS1

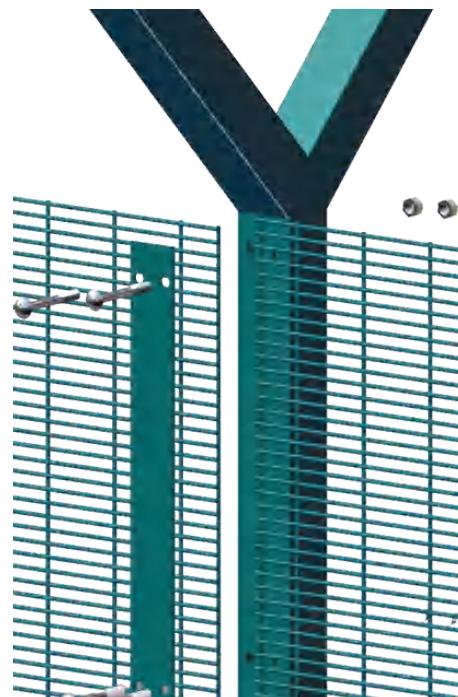
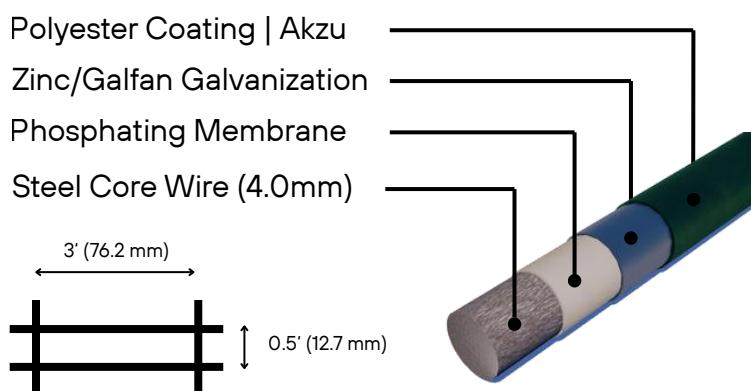


HIGH-SECURITY FENCE PANEL SYSTEM



Description

RT Anti-climb 358 Fence is a permanent, in-ground security fence. Certified with CE (Standard Compliance EN 10223). Welded with SAE 1008 (Q195) steel wire with the min tensile strength of 420 MPa, it effectively prevent and delay intrusion. This fence system is often used for police stations, border controls, prisons, schools, and industrial buildings.



V-Bended



D-Bended



Flat Panel



www.rongtaifence.com

RT Anti-Climb 358 Fence HS1

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Panel Width	2,000 mm / 78.74 in 2,500 mm / 98.43 in 2,200 mm / 86.61 in 3,000 mm / 118.11 in <i>Customized widths available</i>
Panel Height	1,800 mm / 70.86 in 3,000 mm / 118.11 in 2,000 mm / 78.74 in 4,000 mm / 118.11 in 2,200 mm / 86.61 in 5,000 mm / 118.11 in 2,400 mm / 94.48 in <i>Customized heights available</i>
Mesh size	3' x 0.5' (76.2mm x 12.7mm)
Wire Diameter	4.00mm (Gauge 8)
Finish	Polyester powder coated Thickness: 80 - 120 microns or > 160 microns Any RAL color available
Topping Options	Spikes; Barbed wire; Razor wire
Post Option	SHS (Galv.+Polyester Coated); RHS (Galv.+Polyester Coated)
Post Dimension	SHS: 50x50x2mm; 60x60x2.5mm; 70*70x2.5mm; 80x80x3mm RHS: Ø60x2mm; Ø76x2.5mm; Ø90x3mm Other dimensions customizable
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Warranty	Min. 15 years under normal conditions

Galvanization Options

- **40 g/m² (6 µm)**
- **100 g/m² (14 µm)**
- **270 g/m² (38 µm)**

Common Color Options



Any RAL color customizable

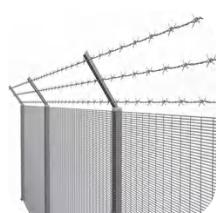
Extra Security Options



Spikes
(Installed on top)



Razor Wire
(Installed on top)



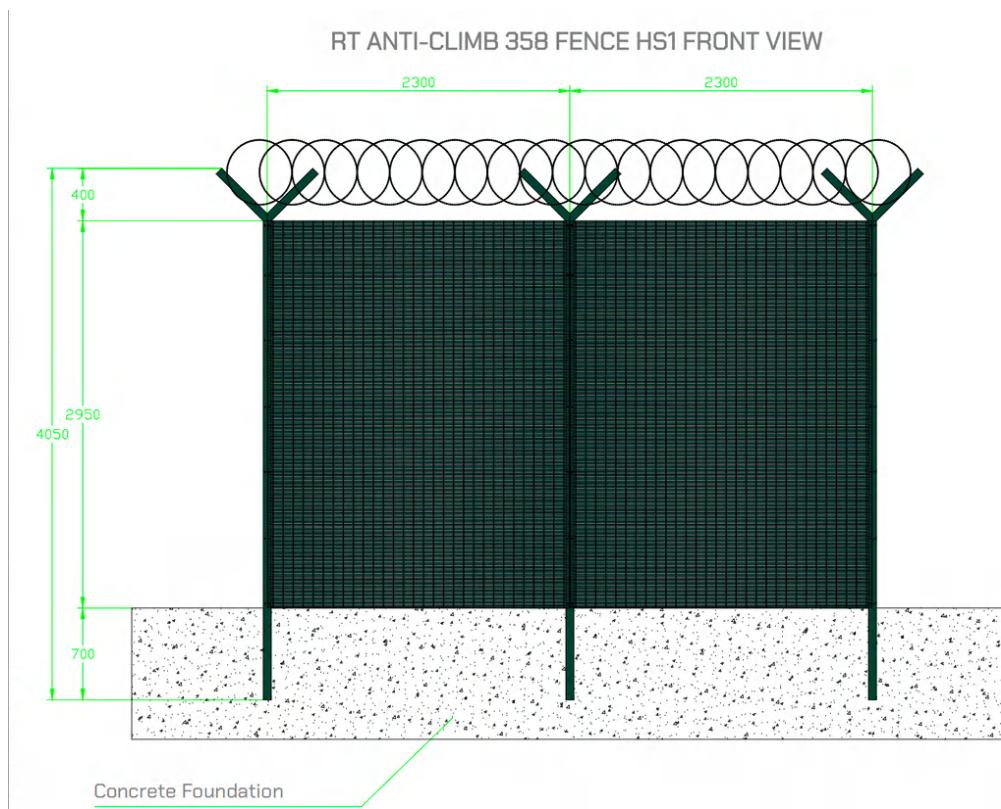
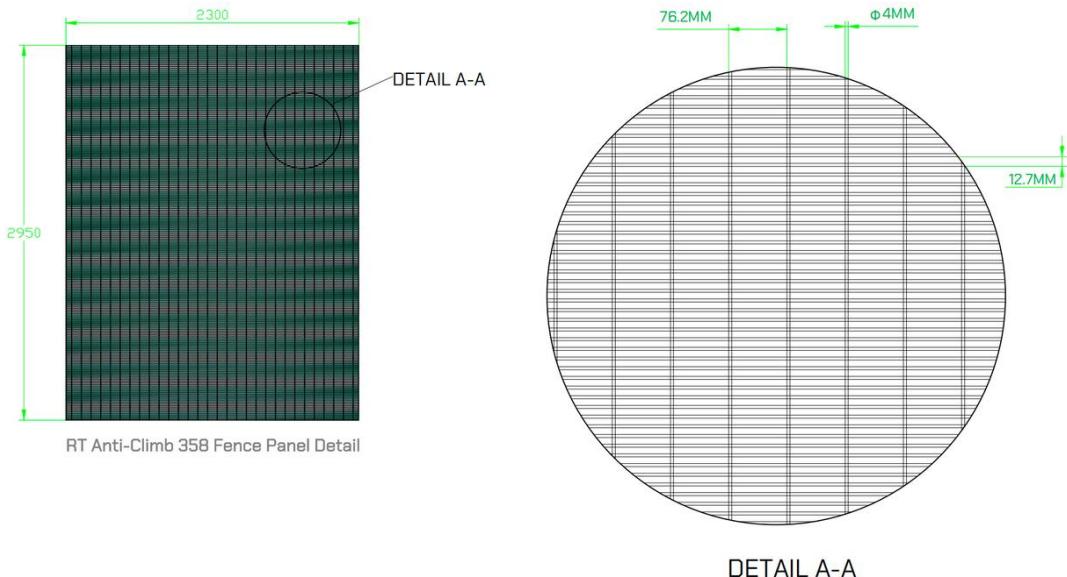
Barbed Wire
(Installed on top)

RT Anti-Climb 358 Fence HS1

HIGH-SECURITY FENCE PANEL SYSTEM

CAD DRAWING

Document #: RT-Anti-climb-358-Fence-HS1-202507



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

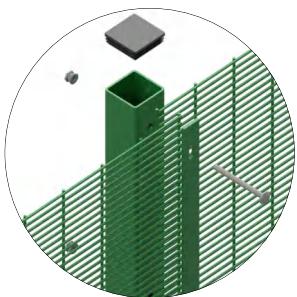
For additional information or technical support, please contact us at support@rongtaimetal.com.

RT Anti-Climb 358 Fence HS1

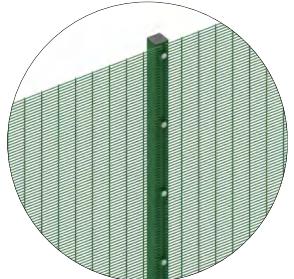
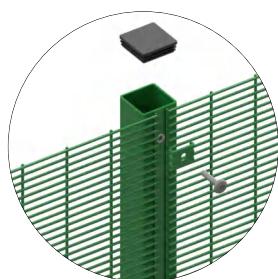
HIGH-SECURITY FENCE PANEL SYSTEM

Connection method

Type 1: Flat bar



Type 2: Spider Clamp



Features

Anti-climb:

The narrow mesh openings (typically 76.2mm x 12.7mm) prevent intruders from gaining a foothold or finding purchase for climbing aids.

Anti-cut:

The strong welded wire mesh, often with a wire diameter of 4mm or more, makes it very difficult to cut with standard tools.

High visibility:

Despite its strength, the mesh pattern allows for good visibility through the fence, making it suitable for integration with surveillance systems.

Durability:

The mesh is typically made from galvanized or galfan-coated steel and may also have a polymer powder coating, providing long-term resistance to corrosion.

Customization:

358 mesh fencing can be adapted to various heights and can be integrated with other security measures like razor wire or electric fencing.

Aesthetic appeal:

While primarily functional, 358 mesh fences can be designed with aesthetic considerations in mind, making them suitable for a range of environments.



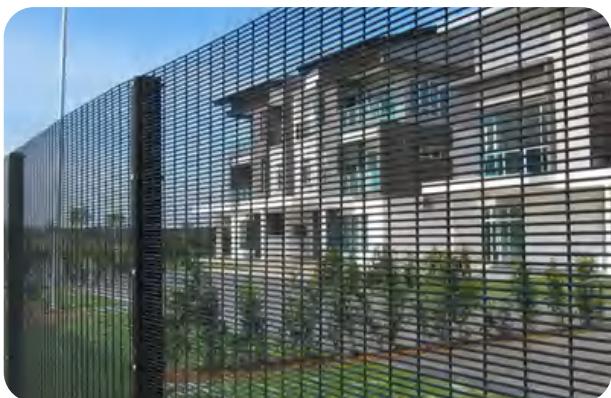
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RT Anti-Climb 358 Fence HS1

HIGH-SECURITY FENCE PANEL SYSTEM

Application

- **Prisons and correctional facilities:** Providing maximum security to prevent escapes and unauthorized access.
- **Military and government installations:** Protecting sensitive areas, classified information, and personnel.
- **Industrial and commercial sites:** Securing valuable equipment, materials, and data.
- **High-risk facilities:** Securing utilities, power plants, substations, and other critical infrastructure.
- **Airports and seaports:** Protecting perimeters and access points.
- **Schools and educational institutions:** Enhancing safety and security for students and staff.
- **Warehouses and storage facilities:** Protecting valuable assets and inventory.
- **Other applications:** Ranging from railways and transportation hubs to secure hospitals and research labs.



RT Anti-Climb 358 Fence HS2



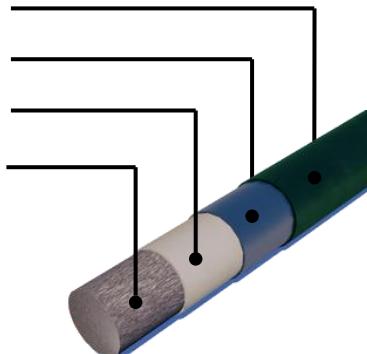
HIGH-SECURITY FENCE PANEL SYSTEM



Description

RT Anti-climb 358 Fence is a permanent, in-ground security fence. Certified with CE (Standard Compliance EN 10223). Welded with SAE 1008 (Q195) steel wire with the min tensile strength of 420 MPa, it effectively prevent and delay intrusion. This fence system is often used for police stations, border controls, prisons, schools, and industrial buildings.

Polyester Coating | Akzo



Zinc/Galfan Galvanization

Phosphating Membrane

Steel Core Wire (4.0mm)



V-Bended



Flat Panel



www.rongtaifence.com

RT Anti-Climb 358 Fence HS2

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Panel Width	2,000 mm / 78.74 in 2,500 mm / 98.43 in 2,200 mm / 86.61 in 3,000 mm / 118.11 in <i>Customized widths available</i>
Panel Height	1,800 mm / 70.86 in 3,000 mm / 118.11 in 2,000 mm / 78.74 in 4,000 mm / 118.11 in 2,200 mm / 86.61 in 5,000 mm / 118.11 in 2,400 mm / 94.48 in <i>Customized heights available</i>
Mesh size	0.5' x 3' (12.7mm x 76.2mm)
Wire Diameter	4.00mm (Gauge 8)
Finish	Polyester powder coated Thickness: 80 - 120 microns or > 160 microns Any RAL color available
Topping Options	Spikes; Barbed wire; Razor wire
Post Option	SHS (Galv.+Polyester Coated); RHS (Galv.+Polyester Coated)
Post Dimension	SHS: 50x50x2mm; 60x60x2.5mm; 70x70x2.5mm; 80x80x3mm RHS: Ø60x2mm; Ø76x2.5mm; Ø90x3mm Other dimensions customizable
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Warranty	Min. 15 years under normal conditions

Galvanization Options

- **40 g/m² (6 µm)**
- **100 g/m² (14 µm)**
- **270 g/m² (38 µm)**

Common Color Options



Any RAL color customizable

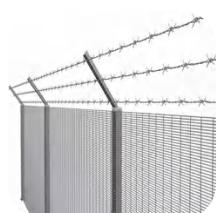
Extra Security Options



Spikes
(Installed on top)



Razor Wire
(Installed on top)



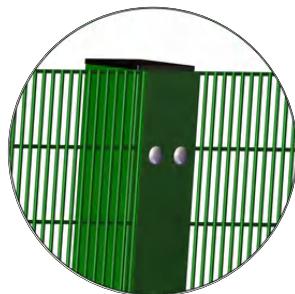
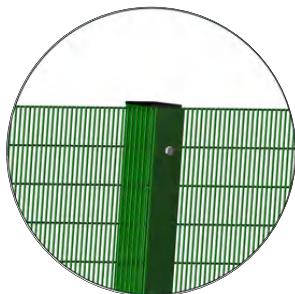
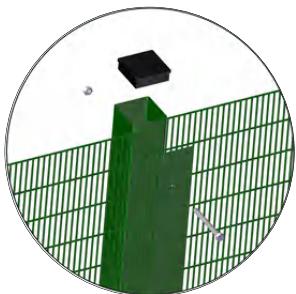
Barbed Wire
(Installed on top)

RT Anti-Climb 358 Fence HS2

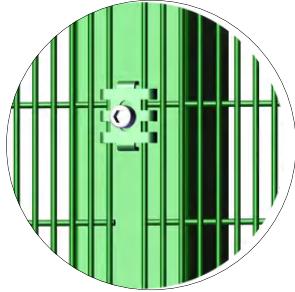
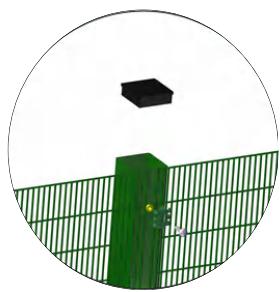
HIGH-SECURITY FENCE PANEL SYSTEM

Connection method

Type 1: Flat bar



Type 2: Spider Clamp



Features

Anti-climb:

The narrow mesh openings (typically 76.2mm x 12.7mm) prevent intruders from gaining a foothold or finding purchase for climbing aids.

Anti-cut:

The strong welded wire mesh, often with a wire diameter of 4mm or more, makes it very difficult to cut with standard tools.

High visibility:

Despite its strength, the mesh pattern allows for good visibility through the fence, making it suitable for integration with surveillance systems.

Durability:

The mesh is typically made from galvanized or galfan-coated steel and may also have a polymer powder coating, providing long-term resistance to corrosion.

Customization:

358 mesh fencing can be adapted to various heights and can be integrated with other security measures like razor wire or electric fencing.

Aesthetic appeal:

While primarily functional, 358 mesh fences can be designed with aesthetic considerations in mind, making them suitable for a range of environments.



www.rongtaifence.com

RT Anti-Climb 358 Fence HS2

HIGH-SECURITY FENCE PANEL SYSTEM

Application

Prisons and correctional facilities: Providing maximum security to prevent escapes and unauthorized access.

Military and government installations: Protecting sensitive areas, classified information, and personnel.

Industrial and commercial sites: Securing valuable equipment, materials, and data.

High-risk facilities: Securing utilities, power plants, substations, and other critical infrastructure.

Airports and seaports: Protecting perimeters and access points.

Schools and educational institutions: Enhancing safety and security for students and staff.

Warehouses and storage facilities: Protecting valuable assets and inventory.

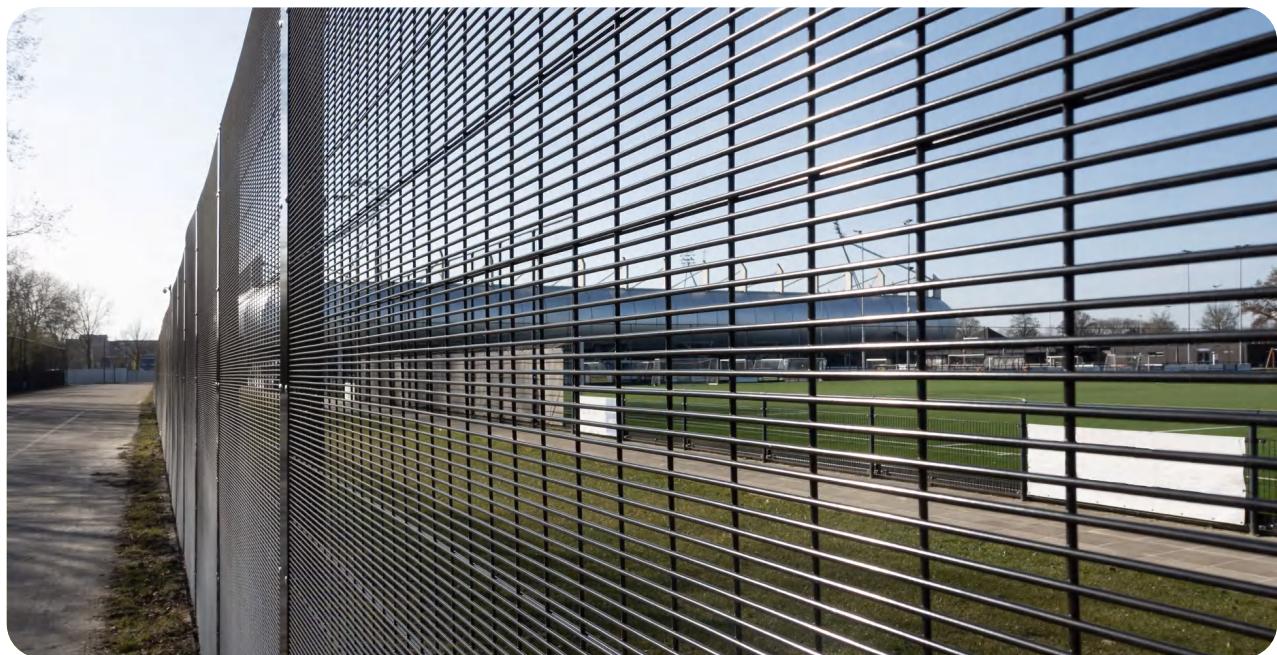
Other applications: Ranging from railways and transportation hubs to secure hospitals and research labs.



RT Anti-Climb 358 Fence HS3



HIGH-SECURITY FENCE PANEL SYSTEM

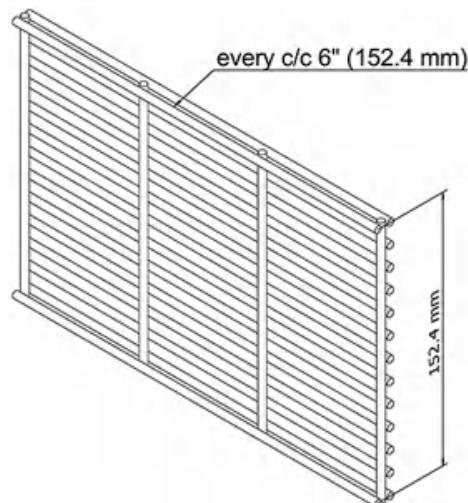
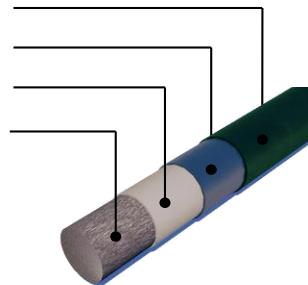


Description

Engineered for superior 358 fence, RT 358 mesh fence system features a robust "two horizontal, one vertical" wire configuration. The nomenclature "358" is industry-standard, indicating a mesh pattern designed to resist climbing and cutting: a 3-inch (76mm) vertical gap, and in this enhanced version, a 6-inch (152.4mm) horizontal spacing.

This specific design utilizes two powerful horizontal wires paired with tightly spaced vertical wires, creating an exceptionally rigid and intimidating barrier that is extremely difficult to penetrate or scale.

Polyester Coating | Akzu
Zinc/Galfan Galvanization
Phosphating Membrane
Steel Core Wire (4.0mm)



Surface Treatment

- *Hot-dipped galvanized*
- *Powder coating*



www.rongtaifence.com

RT Anti-Climb 358 Fence HS3

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Panel Width	2,000 mm / 78.74 in 2,500 mm / 98.43 in 2,200 mm / 86.61 in 3,000 mm / 118.11 in <i>Customized widths available</i>
Panel Height	1,800 mm / 70.86 in 3,000 mm / 118.11 in 2,000 mm / 78.74 in 4,000 mm / 118.11 in 2,200 mm / 86.61 in 5,000 mm / 118.11 in 2,400 mm / 94.48 in <i>Customized heights available</i>
Mesh size	3' x 0.5' (76.2mm x 12.7mm)
Wire Diameter	Horizontal wire: 1 x 4.0 mm + 1 additional wire 4.0 mm every c/c 6" (152.4 mm) Vertical wire: 1 x 4.0 mm or 1 x 6.0 mm
Finish	Polyester powder coated Thickness: 80 - 120 microns or > 160 microns Any RAL color available
Topping Options	Spikes; Barbed wire; Razor wire
Post Option	SHS (Galv.+Polyester Coated); RHS (Galv.+Polyester Coated)
Post Dimension	SHS: 50x50x2mm; 60x60x2.5mm; 70*70x2.5mm; 80x80x3mm RHS: Ø60x2mm; Ø76x2.5mm; Ø90x3mm Other dimensions customizable
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Warranty	Min. 15 years under normal conditions

Galvanization Options

- **40 g/m² (6 µm)**
- **100 g/m² (14 µm)**
- **270 g/m² (38 µm)**

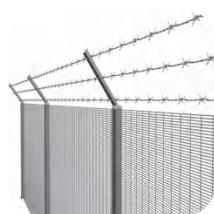
Extra Security Options



Spikes
(Installed on top)



Razor Wire
(Installed on top)



Barbed Wire
(Installed on top)

Common Color Options



RAL 6005
Moss Green



RAL 9005
Jet Black



RAL 9003
Signal White



RAL 7001
Silver Grey

Any RAL color customizable



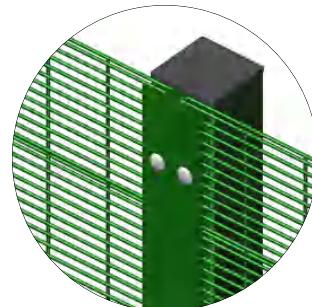
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RT Anti-Climb 358 Fence HS3

HIGH-SECURITY FENCE PANEL SYSTEM

Connection method

Type 1: Flat bar



Type 2: Spider Clamp



Features

Anti-climb:

The narrow mesh openings (typically 76.2mm x 12.7mm) prevent intruders from gaining a foothold or finding purchase for climbing aids.

Double Horizontal Wires:

Positioned at the top edge and at 6-inch intervals, these additional horizontal wires create a more rigid structure, making the fence even more resistant to cutting and deformation.

High visibility:

Despite its strength, the mesh pattern allows for good visibility through the fence, making it suitable for integration with surveillance systems.

Durability:

The mesh is typically made from galvanized or galfan-coated steel and may also have a polymer powder coating, providing long-term resistance to corrosion.

Customization:

358 mesh fencing can be adapted to various heights and can be integrated with other security measures like razor wire or electric fencing.

Aesthetic appeal:

While primarily functional, 358 mesh fences can be designed with aesthetic considerations in mind, making them suitable for a range of environments.



www.rongtaifence.com

RT Anti-Climb 358 Fence HS3

HIGH-SECURITY FENCE PANEL SYSTEM

Application

Prisons and correctional facilities: Providing maximum security to prevent escapes and unauthorized access.

Military and government installations: Protecting sensitive areas, classified information, and personnel.

Industrial and commercial sites: Securing valuable equipment, materials, and data.

High-risk facilities: Securing utilities, power plants, substations, and other critical infrastructure.

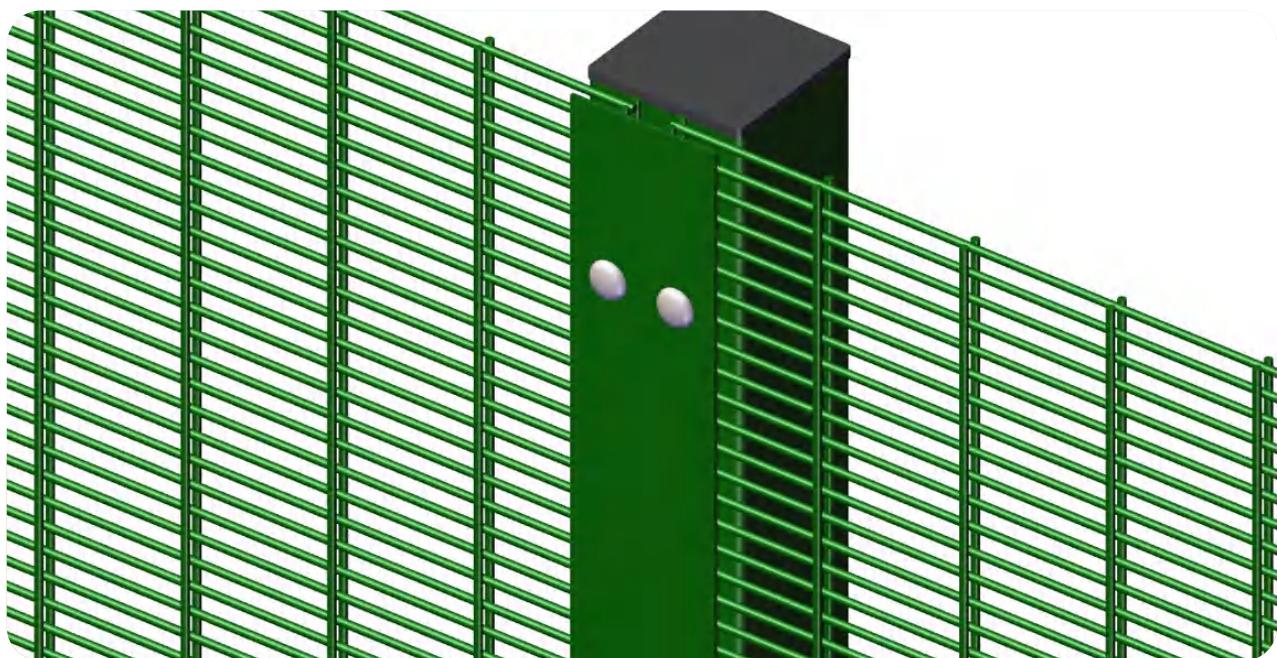
Airports and seaports: Protecting perimeters and access points.

Schools and educational institutions: Enhancing safety and security for students and staff.

Warehouses and storage facilities: Protecting valuable assets and inventory.

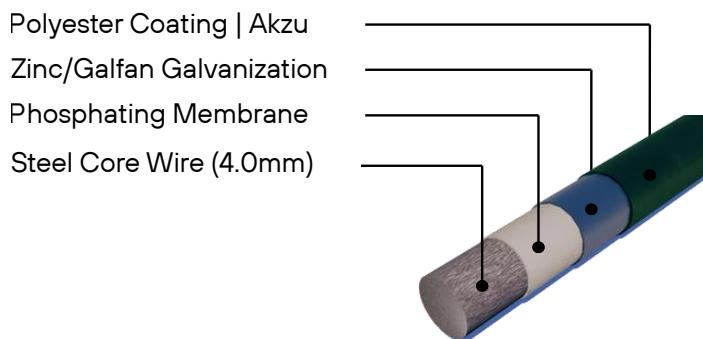
Other applications: Ranging from railways and transportation hubs to secure hospitals and research labs.





Description

The RT Double-vertical-wire 358 fence is a high-end security fencing system that integrates anti-climbing, anti-cutting, impact resistance, high visibility, and corrosion resistance. Its unique "358" mesh dimensions and reinforced design with two thickened vertical wires make it one of the preferred choices for high-security perimeter protection worldwide. It serves not only as a physical barrier but also as a highly effective psychological deterrent.



Surface Treatment

- *Hot-dipped galvanized*
- *Powder coating*

RT Anti-Climb 358 Fence HS4

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Panel Width	2,000 mm / 78.74 in 2,500 mm / 98.43 in 2,200 mm / 86.61 in 3,000 mm / 118.11 in <i>Customized widths available</i>
Panel Height	1,800 mm / 70.86 in 3,000 mm / 118.11 in 2,000 mm / 78.74 in 4,000 mm / 118.11 in 2,200 mm / 86.61 in 5,000 mm / 118.11 in 2,400 mm / 94.48 in <i>Customized heights available</i>
Mesh size	3' x 0.5' (76.2mm x 12.7mm)
Wire Diameter	Horizontal wire: 1 x 4.0 mm Vertical wire: 2 x 4.0 mm
Finish	Polyester powder coated Thickness: 80 - 120 microns or > 160 microns Any RAL color available
Topping Options	Spikes; Barbed wire; Razor wire
Post Option	SHS (Galv.+Polyester Coated); RHS (Galv.+Polyester Coated)
Post Dimension	SHS: 50x50x2mm; 60x60x2.5mm; 70*70x2.5mm; 80x80x3mm RHS: Ø60x2mm; Ø76x2.5mm; Ø90x3mm Other dimensions customizable
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Warranty	Min. 15 years under normal conditions

Galvanization Options

- **40 g/m² (6 µm)**
- **100 g/m² (14 µm)**
- **270 g/m² (38 µm)**

Common Color Options



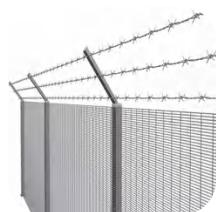
Any RAL color customizable



Spikes
(Installed on top)



Razor Wire
(Installed on top)



Barbed Wire
(Installed on top)



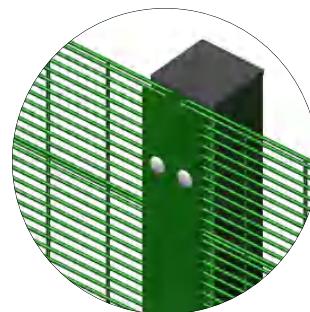
www.rongtaifence.com

RT Anti-Climb 358 Fence HS4

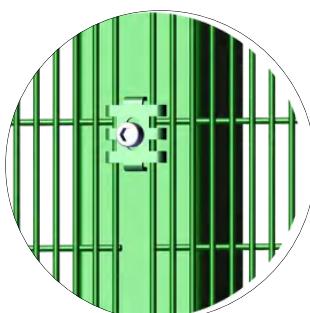
HIGH-SECURITY FENCE PANEL SYSTEM

Connection method

Type 1: Flat bar



Type 2: Spider Clamp



Features

Anti-climb:

The narrow mesh openings (typically 76.2mm x 12.7mm) prevent intruders from gaining a foothold or finding purchase for climbing aids.

Double Horizontal Wires:

Positioned at the top edge and at 6-inch intervals, these additional horizontal wires create a more rigid structure, making the fence even more resistant to cutting and deformation.

High visibility:

Despite its strength, the mesh pattern allows for good visibility through the fence, making it suitable for integration with surveillance systems.

Durability:

The mesh is typically made from galvanized or galfan-coated steel and may also have a polymer powder coating, providing long-term resistance to corrosion.

Customization:

358 mesh fencing can be adapted to various heights and can be integrated with other security measures like razor wire or electric fencing.

Aesthetic appeal:

While primarily functional, 358 mesh fences can be designed with aesthetic considerations in mind, making them suitable for a range of environments.



www.rongtaifence.com

RT Anti-Climb 358 Fence HS4

HIGH-SECURITY FENCE PANEL SYSTEM

Application

Prisons and correctional facilities: Providing maximum security to prevent escapes and unauthorized access.

Military and government installations: Protecting sensitive areas, classified information, and personnel.

Industrial and commercial sites: Securing valuable equipment, materials, and data.

High-risk facilities: Securing utilities, power plants, substations, and other critical infrastructure.

Airports and seaports: Protecting perimeters and access points.

Schools and educational institutions: Enhancing safety and security for students and staff.

Warehouses and storage facilities: Protecting valuable assets and inventory.

Other applications: Ranging from railways and transportation hubs to secure hospitals and research labs.



RT 3D Bending Fence BF1



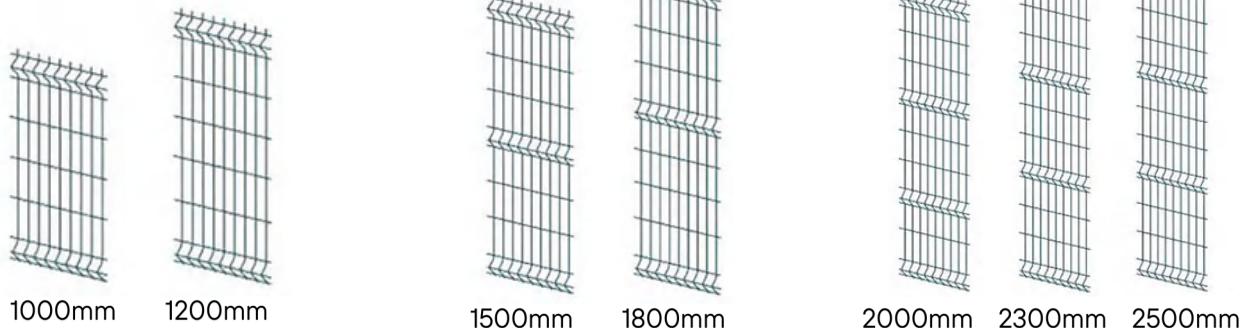
ALL-PURPOSE SECURITY FENCE SYSTEM



Description

The 3D Bending Fence is a modern and robust fencing solution designed for enhanced security and aesthetic appeal. It features a unique "V" shape bend along the horizontal wires, providing extra rigidity and strength to the fence panel. Made from high-quality steel wire, the fence panels are welded and then galvanized for corrosion resistance. The final layer is a PVC/Polyester coating that is available in various colors, adding an extra level of protection and a visually pleasing finish.

Panel



Post



Square Post



Round Post



Peach Post
(No accessory needed)



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page 26

RT 3D Bending Fence BF1

ALL-PURPOSE SECURITY FENCE SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Panel Width	1200mm - 3000mm (Recommend size: 1500mm, 1800mm, 2000mm, 2400mm, 2500mm, 2800mm, 3000mm)
Panel Height	500mm-3000mm (Recommend size: 1000mm, 1200mm, 1500mm, 1800mm, 2000mm, 2400mm, 3000mm)
Bending Number	Height: 1000mm-1500mm (2 bending) Height: 1500-1900mm (3 bending) Height: 2000-3000mm (4 bending)
Mesh size	50*150mm, 50*200mm, 75*150mm, 75*200mm (Customization Accept)
Wire Diameter	2.5mm--6.0mm
Finish	Hot dipped galvanized, galvanized+ powder coated, galvanized+ PVC coating All RAL Colors Can Be Customized (Recommend: Blue, Green, White, Black, Grey, Yellow, Red)
Topping Options	Barbed wire; Razor wire
Post Option	SHS (Galv.+Polyester Coated); RHS (Galv.+Polyester Coated); Peach post (Galv.+Polyester Coated)
Post Dimension	SHS: 50x50x2mm; 60x60x2.5mm; 75*75x2.5mm; 80x80x3mm RHS: Ø48x2mm; Ø60x2mm; Ø76x2.5mm; Ø90x3mm Peach post: 70x100mmx1.2mm Other dimensions customizable
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Warranty	Min. 15 years under normal conditions

Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)

Extra Security Options



Common Color Options



Any RAL color customizable



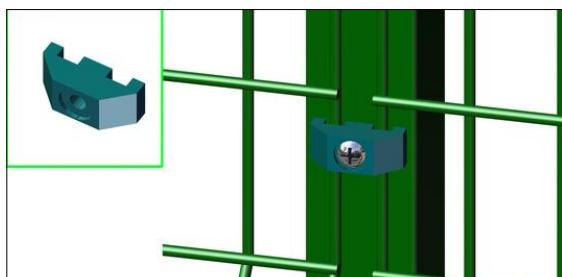
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RT 3D Bending Fence BF1

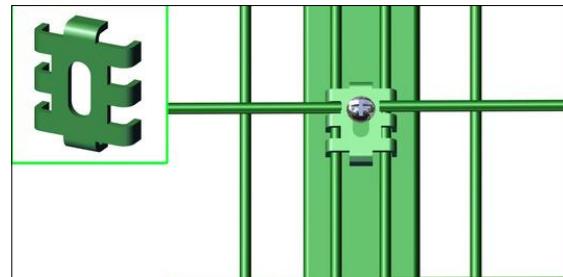
ALL-PURPOSE SECURITY FENCE SYSTEM

Accessories

Type 1: M-shape Clamp (Plastic)



Type 2: Spider Clamp (Steel)



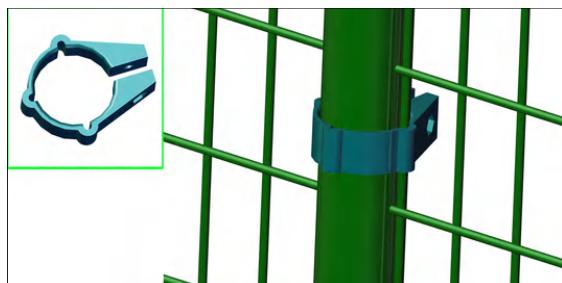
Type 3: Square Bracket (Plastic)



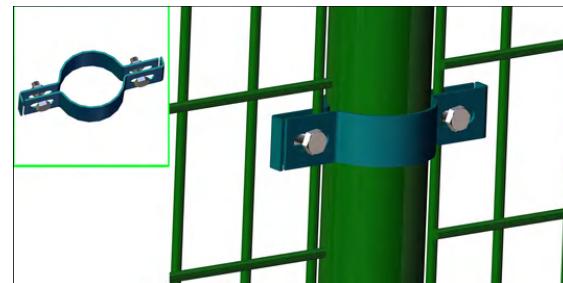
Type 4: Square Clamp (Steel)



Type 5: Round support clip (Plastic)



Type 6: Round Clamp (Steel)



Other accessories



Metal cap



Plastic cap



Expansion bolt

RT 3D Bending Fence BF1

ALL-PURPOSE SECURITY FENCE SYSTEM

Applications

- 1. Residential Properties:** Ideal for securing gardens, yards, and other areas around the home while maintaining an attractive appearance.
- 2. Commercial and Industrial Sites:** Used to secure warehouses, factories, and other commercial facilities where both security and aesthetic appeal are important.
- 3. Public Spaces:** Commonly used in parks, playgrounds, and other public areas to create safe and secure boundaries.
- 4. Schools and Educational Institutions:** Provides a secure perimeter for school grounds, ensuring the safety of students and staff.
- 5. Transportation Infrastructure:** Used along highways, railways, and airports to protect and control access to critical infrastructure.



Public Spaces



Commercial facilities



Transportation Infrastructure



Residential Properties

Installation must comply with BS 1722-14 standards to ensure proper implementation and safety. Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources. For additional information or technical support, please contact us at support@rongtaimetal.com.

RT 3D Bending Fence BF2



3D PRIVARY & SECURITY FENCE SYSTEM



Description

RT 3D Privary Fence Panels are made of durable PVC material, resistant to weather conditions (a slight change in the colour shade of the PVC slats may occur due to the direct sunlight - this is completely normal). Installation is very quick and easy - PVC panels, support rails and clips are from above滑入 (not included in the package). The top of the fence is finished with a plastic profile.



Features:

- Plus Strong and durable PVC material
- Plus Resistant to weather conditions
- Plus Elegant design
- Plus Variability
- Plus Easy installation
- Plus Opaque fencing

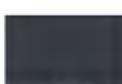
Common Color Options



RAL 6005
Moss Green



RAL 9005
Jet Black



RAL 7016
Anthracite grey

Any RAL color customizable



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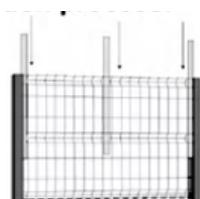
RT 3D Bending Fence BF2

3D PRIVARY & SECURITY FENCE SYSTEM

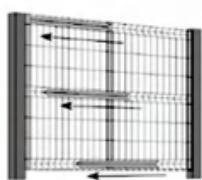
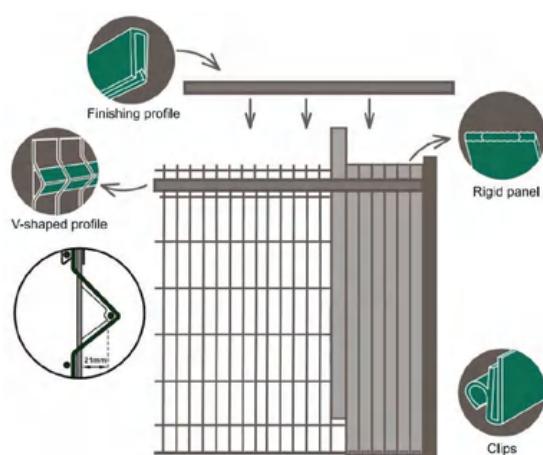
Product Technical Information

Material	PVC
Standard Size	<ul style="list-style-type: none">• 1.03 m Height x 2.50 m Length 43 Big Slats(49 mm)+ 2 Small Slats(44 mm)+6 V-shaped Profiles(0.82 m length/pc)+3 Finishing Profiles(0.82 m length/pc)+45 Clips;• 1.03 m x 2.50 m (Height *Length) 1.23 m x 2.50 m 1.53 m x 2.50 m 1.73 m x 2.50 m 1.93 m x 2.50 m 2.03 m x 2.50 m 43Big Slats(49mm)+ 2 Small Slats(44mm)+4V-shaped Profiles(1.25 m length/pc)+ 2 Finishing Profiles(1.23 m length/pc)+45 Clips
Temperature range	-30 °C to + 70 °C
UV resistance	Pass 500h UV-4 Grade(ISO 105-A02:1993, Grey Scale)
Application	3D Welded Wire Mesh Fence with Vertical Spacing of 5cm
<i>For fence specifications, please refer to RT 3D Bending Fence BF1.</i>	

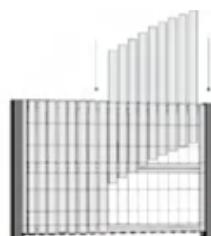
Installation



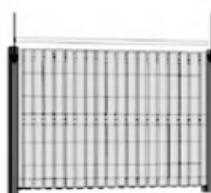
Attach the clips to the last horizontal bottom wire of the panel.
Insert the two end slats and an intermediate slat in the center of the panel.



Insert the V-shaped profiles on either side of the central slat.



Complete the panel with the intermediate slats.



Fix the finishing profile to the top of the panel.

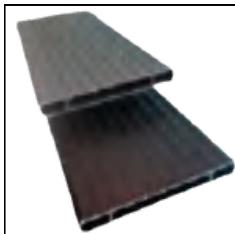


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RT 3D Bending Fence BF2

3D PRIVARY & SECURITY FENCE SYSTEM

Main Components



Rigid Panels



V-Shaped Profiles



Clips



Finishing Profile

Applications

RT 3D Privary Fence Panels are installed right next to each other, what guarantees opacity through the fence. PVC panels can be attached onto the finished fencing. Suitable for metal mesh with 3D panel.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaimetal.com.

RT 3D Bending Fence BF3



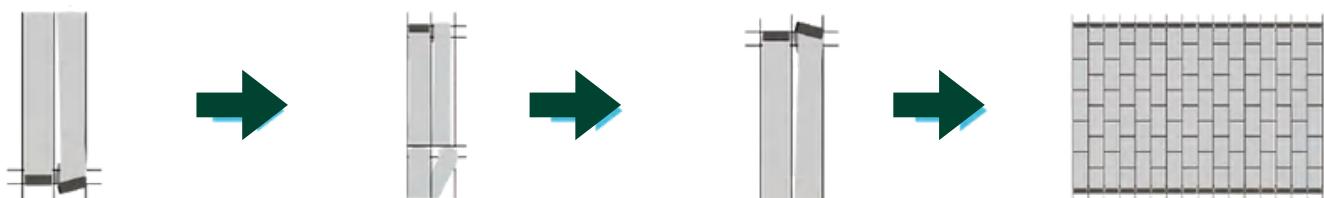
3D PRIVACY & SECURITY FENCE SYSTEM



Description

RT 3D PVC Privacy slats for the fence - anti-view PVC fence fillings for 3D meshes and panels - 4,7 cm width - color Anthracite - roll with a length of 50m + UV protection. Set of plastic filling to protect privacy from PVC as Fence filler - PVC fillings into the fence PLASTIC FILLING FOR NETTING AND PANELS. The size of the lamella fits most of the current metal fences. UPVC is gradually becoming popular for privacy fence strips, it is a type of hard PVC, it comes with excellent privacy properties, UV block. Plastic panels are made of durable PVC material, resistant to weather conditions (a slight change in the colour shade of the PVC slats may occur due to the direct sunlight - this is completely normal). Wide possibilities of how you can insert the flexible slats into the fence - either vertically, or you can also inter them.

Installation



1. Use scissors to cut the strip to the desired height. Fold over the bottom and insert the clips.

2. Thread the flexible strip through the panel.

3. Fold over the top and insert the clips.

4. Repeat the previous steps and finish the panel.



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RT 3D Bending Fence BF3

3D PRIVACY & SECURITY FENCE SYSTEM

Product Technical Information

Material	PVC(+ polyester fiber)
Standard size	4.6mm x 50mm (or customized)
Thickness	0.38 mm
Temperature range	-30 °C to + 70 °C
UV resistance	Pass 500h UV-4 Grade(ISO 105-A02:1993, Grey Scale)
Package contents:	1x 50m roll x 4.7 cm width 100x clips for fastening
Colors	Dark gray color (RAL 7016) or any other colors

For fence specifications, please refer to RT 3D Bending Fence BF1.

Features:

- *plus* Flexible PVC material - can be cut as needed
- *plus* Resistant to weather conditions
- *plus* Elegant design
- *plus* Variability
- *plus* Simple assembly
- *plus* Opaque fencing
- *plus* Cover + Privacy Protection



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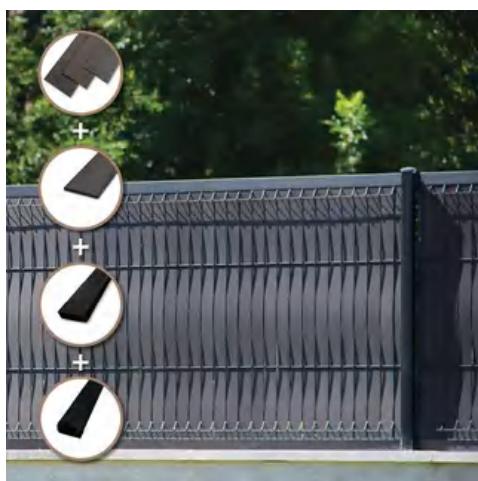
RT 3D Bending Fence BF3



3D PRIVACY & SECURITY FENCE SYSTEM

Applications

RT 3D Privacy Fence slats privacy strips is suitable for single-bar or double-bar mat fences. It offers opaque privacy, sun and wind protection. Different colors can also be optimally combined to create an individual stylish design. You can easily fix the fence panel clips included. Our hard-wearing and long-lasting PVC privacy strips protect your balcony, garden or terrace from the sun, wind and prying eyes.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaimetal.com.

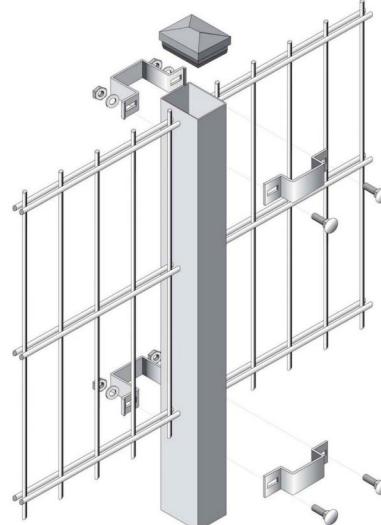
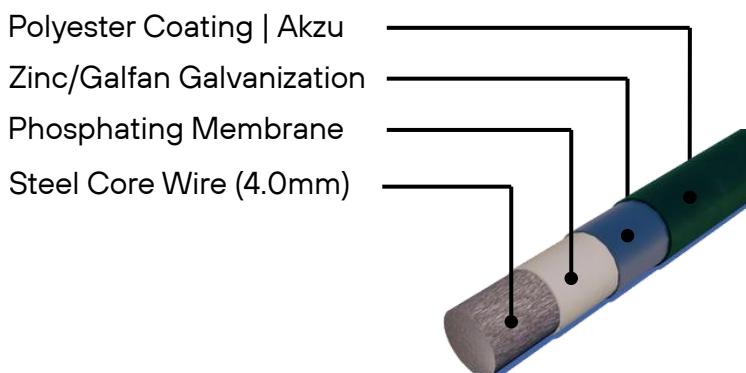
RT Twin Wire Security Fence

AESTHETICAL AND HIGH-STRENGTH FENCE PANEL SYSTEM



Description

RT Twin Wire Security Fence also known as Double Wire Fence and Clamping Wire Fence, is a high-security perimeter solution that combines strength, durability, and aesthetic appeal. This innovative fencing system offers superior protection for a wide range of applications, from industrial facilities to public spaces.



Post



Square post



Round post



Rectangular post



www.rongtaifence.com

RT Twin Wire Security Fence

AESTHETICAL AND HIGH-STRENGTH FENCE PANEL SYSTEM

Product Technical Information

Fence panel										
Material	Mesh Size	Panel Size (H*W) (mm)	Wire Diameter			Surface Treatment				
			Wire dia(mm)	Wire dia(mm)	Wire dia(mm)					
Low Carbon Steel Wire Galvanized Wire	50*200mm 55*200mm 50*150mm 55*100mm	630*2500	8*2+6	6*2+5	5*2+4	Hot-dip Galvanized PVC Coating Powder Coating				
		830*2500	8*2+6	6*2+5	5*2+4					
		1030*2500	8*2+6	6*2+5	5*2+4					
		1230*2500	8*2+6	6*2+5	5*2+4					
		1430*2500	8*2+6	6*2+5	5*2+4					
		1630*2500	8*2+6	6*2+5	5*2+4					
		1830*2500	8*2+6	6*2+5	5*2+4					
		2030*2500	8*2+6	6*2+5	5*2+4					
		2230*2500	8*2+6	6*2+5	5*2+4					
		2430*2500	8*2+6	6*2+5	5*2+4					
Post										
Type	Size			Thickness						
Square Post	50*50mm, 60*60mm, 80*80mm, 100*100mm			1.5mm, 2mm, 2.5mm						
Round Post	50mm, 60mm, 75mm			1.5mm, 2mm, 2.5mm						
Rectangular Post	40*60mm, 60*80mm, 60*120mm			1.5mm, 2mm, 2.5mm						
Material	low carbon steel pipe Galvanized pipe									
Surface Treatment	Hot dipped galvanized PVC Coating Polyester Powder Coating All RAL color customizable									



www.rongtaifence.com

RT Twin Wire Security Fence

AESTHETICAL AND HIGH-STRENGTH FENCE PANEL SYSTEM

Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)



Common Color Options

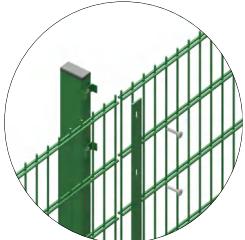


Any RAL color customizable



Connection & Installation

Type 1: Flat bar



Type 2: Spider Clamps



Type 3: Round support clips



Installation



For cement ground
(Embed in-ground)



For concrete ground
(Flange plate with bolts)

RT Twin Wire Security Fence

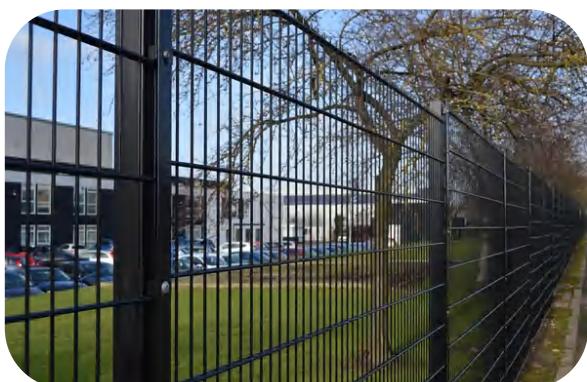
AESTHETICAL AND HIGH-STRENGTH FENCE PANEL SYSTEM

Features

- 1. Double Wire Design:** The fence consists of two horizontal wires running parallel to each other, providing enhanced strength and rigidity.
- 2. Vertical Bars:** Sturdy vertical bars are securely clamped between the double horizontal wires, creating a robust and unified structure.
- 3. Anti-Climb Properties:** The close spacing of vertical bars and the double wire system make the fence extremely difficult to climb, enhancing security.
- 4. Modular Construction:** Panels can be easily installed and replaced, allowing for efficient installation and maintenance.
- 5. Corrosion Resistance:** Typically made from galvanized steel with optional powder coating for extended lifespan and minimal maintenance.
- 6. Aesthetic Appeal:** The clean lines and uniform appearance make it an attractive option for both industrial and architectural applications.
- 7. Visibility:** Despite its strength, the fence maintains good visibility, important for surveillance and aesthetics.

Application

- Commercial/Industrial:** Suitable for decorative isolation, green belts, and low-risk areas.
- Educational Institutions:** Ensures safety for campuses while enabling clear visibility for monitoring premises.
- Public Spaces/Parks:** Sturdy fencing prevents vandalism and trespassing while maintaining open sightlines.
- Residential Areas:** Offers robust security with customizable colors to blend with exterior designs.



RT Chain Link Fence CL1



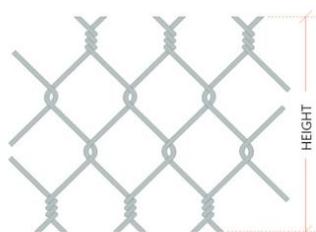
ALL-PURPOSE SECURITY FENCING SYSTEM



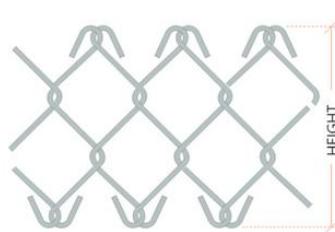
Description

RT Chain Link Fence, also known as cyclone fencing, hurricane fencing, or diamond mesh fencing, is a type of woven fence typically constructed using galvanized or PVC-coated steel wire. The wires are intricately woven together to form an attractive diamond pattern.

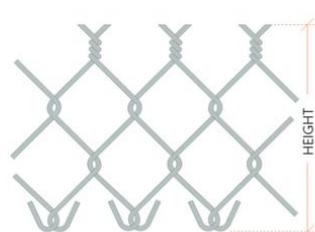
Different Edge Binding Methods



BARB/BARB SELVEDGE=BB

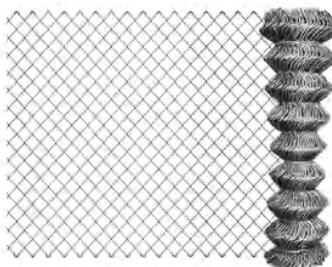


KNUCKLE/KNUCKLE SELVEDGE=KK



BARB/KNUCKLE SELVEDGE=BK

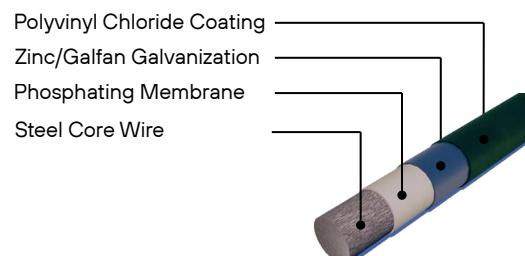
Surface Treatment



Hot Dipped Galvanized



PVC Coated



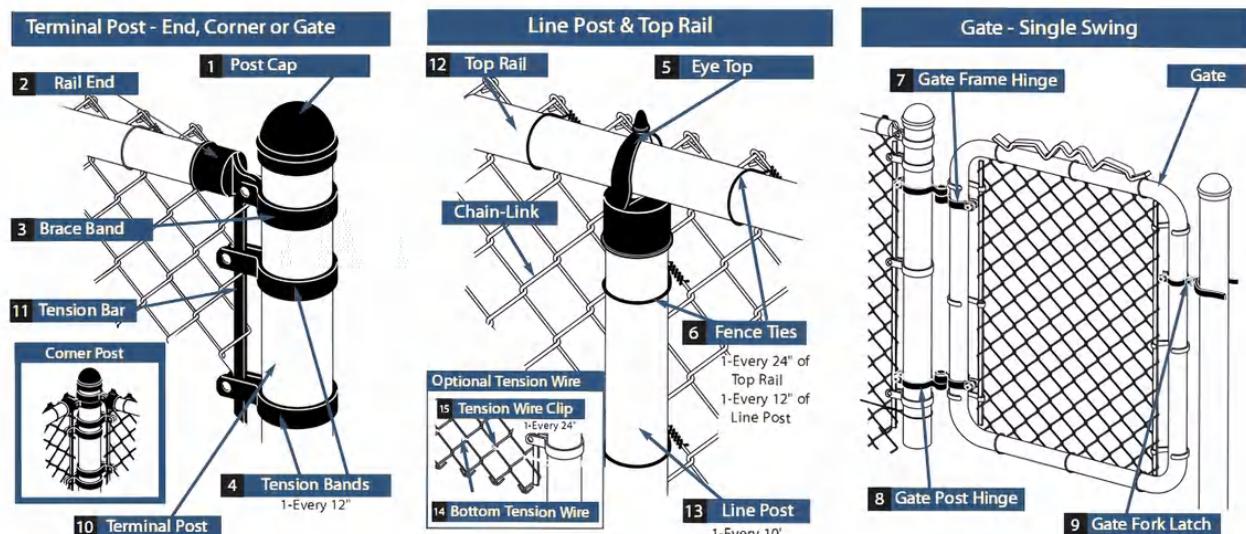
RT Chain Link Fence CL1

ALL-PURPOSE SECURITY FENCING SYSTEM

Product Technical Information

Material	Low carbon steel wire, electric galvanized wire, hot dipped galvanized wire
Roll Length	10m, 12m, 15m, 20m, 30m <i>Customized lengths available</i>
Roll Height	0.6m-3m <i>Customized heights available</i>
Mesh Size	40*40mm, 50*50mm, 60*60mm
Wire Diameter	2.5mm-4mm
Surface Treatment	Hot dipped galvanized, PVC coated
Color	RAL 6005 Green, Black Any RAL color available
Post Dimension	Ø48x2mm; Ø60x2mm; Ø76x2.5mm; Other dimensions customizable
Rail Size	Ø38x1.5mm, Ø32x1.5mm
Accessories Surface Treatment	Hot dipped galvanized, powder coated Any RAL color available

Posts & Accessories



www.rongtaifence.com

RT Chain Link Fence CL1

ALL-PURPOSE SECURITY FENCING SYSTEM

Posts Type

- Terminal Posts: Larger end, corner, and gate posts
- Line Posts: Intermediate supports posts
- Top/Mid/Bottom Rail: Horizontal support running between posts
- Diagonal Brace: Brace end and corner posts



Accessories



Brace Band



Tension Band



Tension Bar



Rail Sleeve



Loop Cap



Single-arm



Post Cap



Rail End



V Barb Arm



Tensioner



Tensioner



Double Brace Band



Fence Tie



Rail End Clamp



Line Rail Clamp

Feature

- **Security:** It can create an enclosure to prevent pets or kids out of the yard and protect their security.
- **Privacy & visibility:** It can protect your privacy while maintaining a certain range of visibility.
- **Affordability:** Its relatively inexpensive price is really a budget-friendly choice for all users.
- **Durability:** High quality raw materials ensure its great corrosion, rust and weather resistance performances.
- **Less maintenance:** Its high strength, solid structure and corrosion and weather resistance performances make it strong enough and require less maintenance.

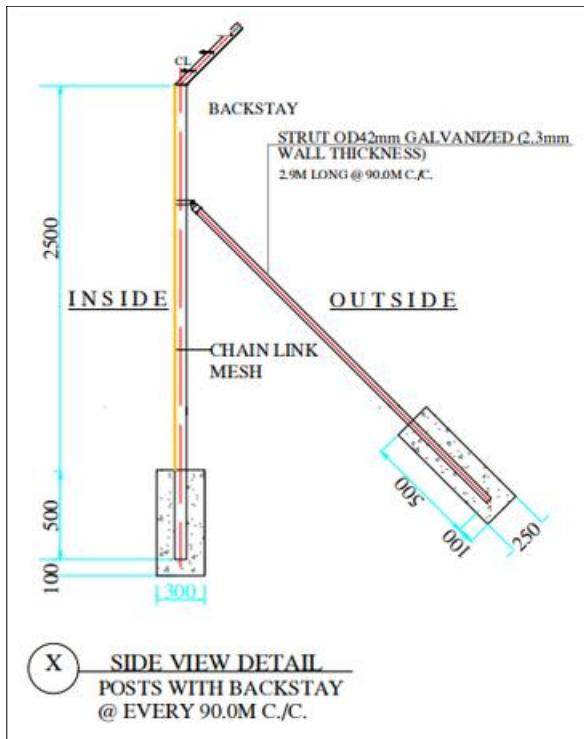
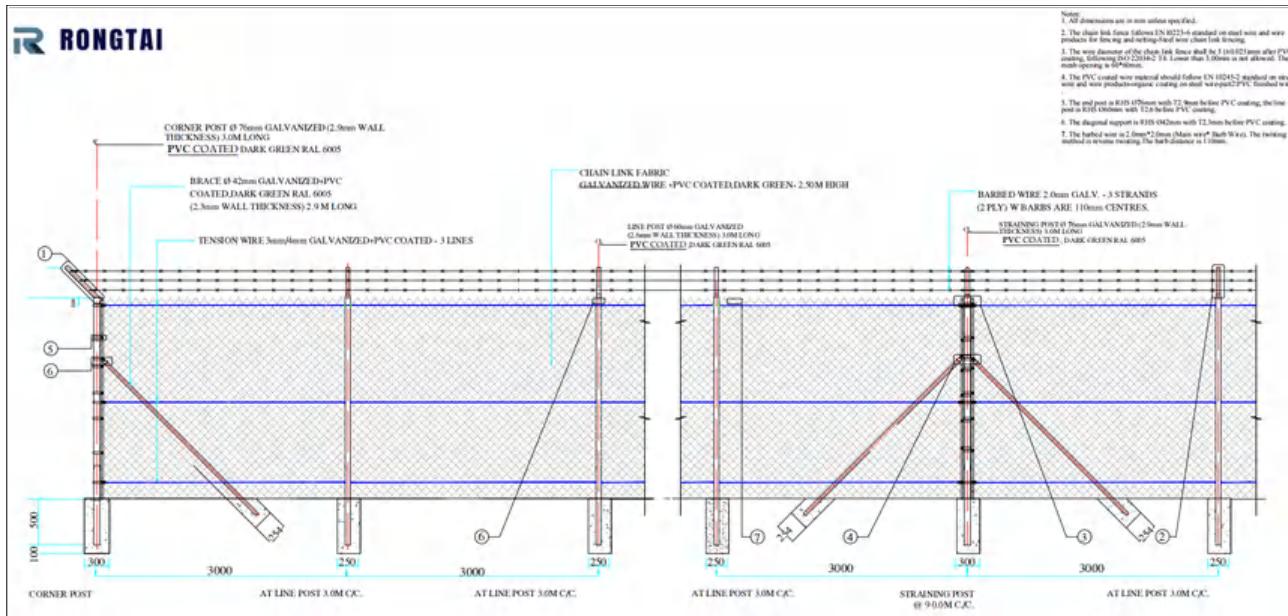


RT Chain Link Fence CL1

ALL-PURPOSE SECURITY FENCING SYSTEM

CAD DRAWING

Document #: RT-Chain-link-Fence-CL1-202507



POSTS, STRUTS & BACKSTAY

ALL FENCE POSTS ARE GALVANIZED+PVC COATED, DARK GREEN RAL 6005
ALL FENCE STRUTS & BACKSTAY ARE GALVANIZED+PVC COATED, DARK GREEN RAL 6005

ITEM	POST LENGTH	OUTSIDE DIA(MM)	WALL THICKNESS
LINE POST	3000	60	2.6
CORNER, END AND STRAINING POST	3000	76	2.9
STRUT PIPE	2900	42	2.3
STRUT PIPE (BACKSTAY)	2900	42	2.3

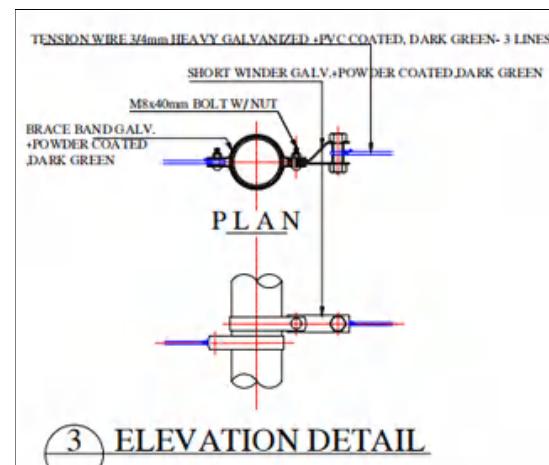
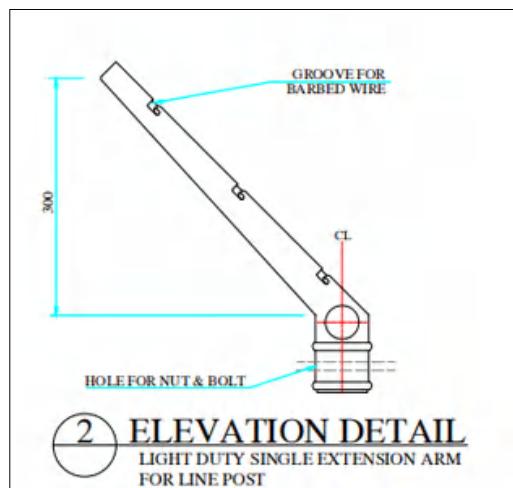
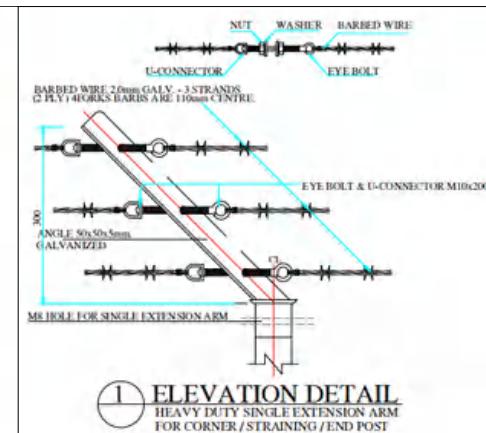
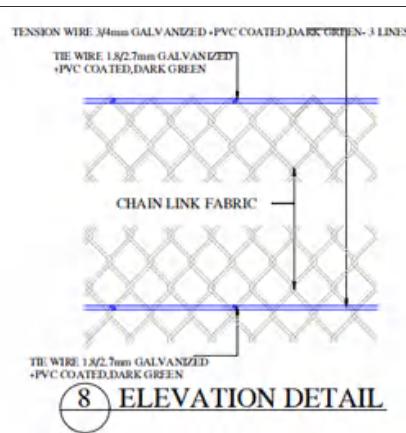
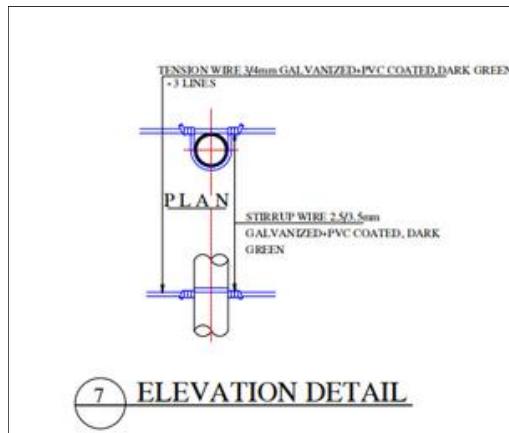
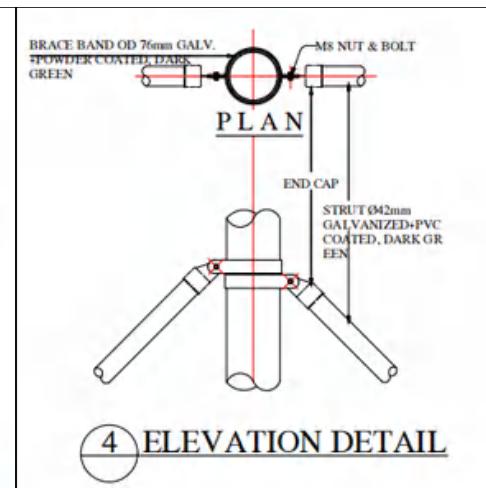
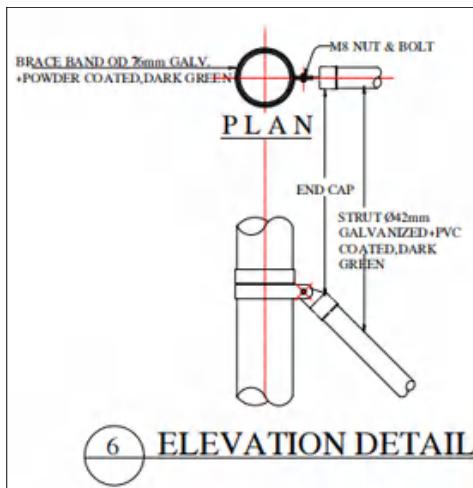
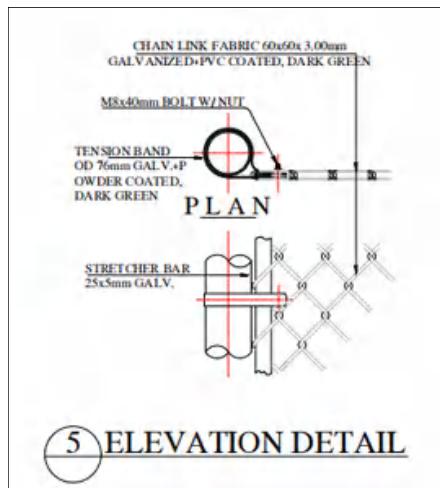
WIRES

CLASS	CHAIN LINK FABRIC		TENSION WIRE	STIRRUP WIRE	TIE WIRE	BARBED WIRE
	MECH	WIRE DIA				
A	60*60	3.00	4.00	3.50	2.70	2.00

RT Chain Link Fence CL1

ALL-PURPOSE SECURITY FENCING SYSTEM

ELEVATION

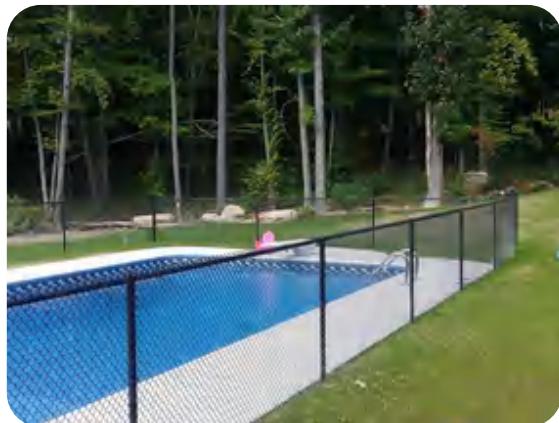


RT Chain Link Fence CL1

ALL-PURPOSE SECURITY FENCING SYSTEM

Applications

It is widely used for residential and commercial applications to create a secure barrier and provide both visibility and security. Besides, it is a great option for road, railway and airport fencing, equipment and facilities protection, pet and small animal raising as well as zoo fencing.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety. Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources. For additional information or technical support, please contact us at support@rongtaimetal.com.

RT Chain Link Fence CL2



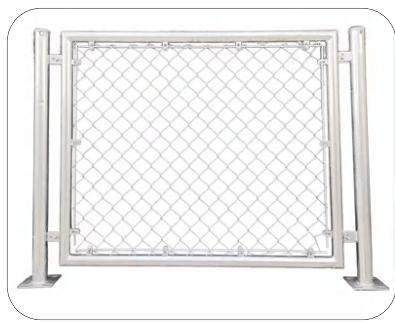
SECURITY FENCING SYSTEM



Description

RT Framed Chain Link Fence is a versatile and durable barrier system that combines chain link mesh (diamond-pattern woven wire) with reinforced outer frames. It is widely used in residential areas, sports fields, industrial zones, and other locations, offering both aesthetic appeal and functional security. The reinforced frame significantly enhances structural stability and impact resistance.

Surface Treatment



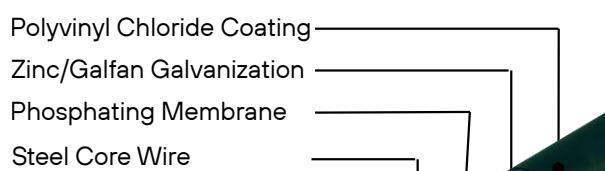
Hot Dipped Galvanized



PVC Coated

Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)



Common Color Options



Any RAL color customizable



www.rongtaifence.com

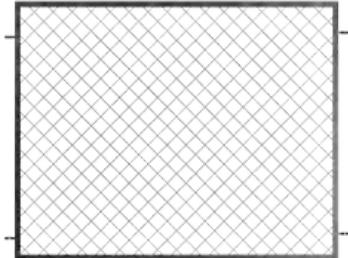
RT Chain Link Fence CL2

SECURITY FENCING SYSTEM

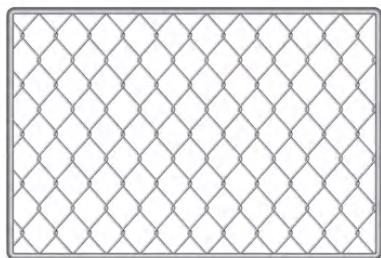
Product Technical Information

Frame Chain Link Fence	
Type of Frame	Round frame: 42mm; 48mm; Square frame: 40*40mm Angle steel frame: L40*40mm <i>Customized sizes available</i>
Material	Low carbon steel wire, electric galvanized wire, hot dipped galvanized wire, PVC coated wire
Fence Length	2m-3m <i>Customized lengths available</i>
Fence Height	1m-3m <i>Customized heights available</i>
Mesh Size	40*40mm, 50*50mm, 60*60mm
Wire Diameter	Pvc coated wire: 3.5mm,3.8mm,4mm,5mm (Recommend 3mm, 3.5mm and 4mm)
Surface Treatment	Hot dipped galvanized, PVC coated
Color	RAL 6005 Green, Black Any RAL color available
Post Dimension	Ø48x2mm; Ø60x2mm; Ø75x2.5mm; Other dimensions customizable
Accessories Surface Treatment	Hot dipped galvanized, powder coated Any RAL color available

Types of Fence Panel



Sqaure Tube Frame



Round Tube Frame



Angle Steel Frame

RT Chain Link Fence CL2

SECURITY FENCING SYSTEM

Types of Post



Detail of Connection



Bolts



Clamps

Feature

➤ **Balanced Privacy & Visibility:**

The mesh design blocks external views while maintaining ventilation and light transmission, achieving a balance between privacy and visibility.

➤ **Cost-Effective:**

Low-cost and easy to install, making it ideal for households or projects with budget constraints.

➤ **Low-Maintenance Design:**

The sturdy structure combined with anti-corrosion technology reduces the need for frequent upkeep, saving time and costs.

➤ **High Durability:**

Made of high-quality steel with anti-corrosion treatments (e.g., galvanization, PVC coating), ensuring rust resistance and weatherproof performance for long-term outdoor use.

➤ **Reinforced Frame Advantage:**

The outer frame is constructed with thickened steel pipes or alloy materials, further enhancing impact resistance and lifespan.

➤ **Customizable Adaptability:**

Adjustable height, mesh density, and frame colors are available to meet various needs (residential, sports fields, construction sites).



RT Chain Link Fence CL2

SECURITY FENCING SYSTEM

Applications

It is widely used for residential and commercial applications to create a secure barrier and provide both visibility and security. Besides, it is a great option for road, railway and airport fencing, equipment and facilities protection, pet and small animal raising as well as zoo fencing.



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RT Chain Link Fence CL3



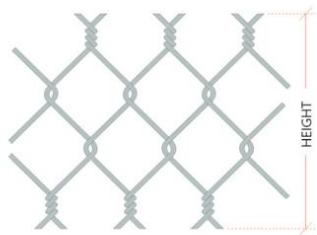
SECURITY FENCING SYSTEM-SPORTS



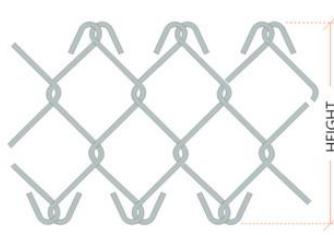
Description

RT Chain Link Sports Field Fence is a high-quality steel wire mesh barrier with anti-corrosion treatment, offering excellent weather resistance and oxidation protection. Its unique knitted structure provides optimal visibility while ensuring superior safety and stability. Primarily used to enclose sports fields, it effectively contains balls during games, protecting spectators and surrounding areas.

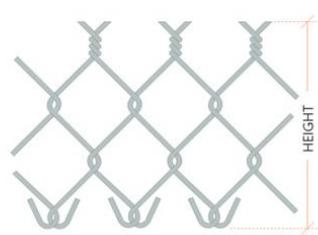
Different Edge Binding Methods



BARB/BARB SELVEDGE=BB



KNUCKLE/KNUCKLE SELVEDGE=KK



BARB/KNUCKLE SELVEDGE=BK

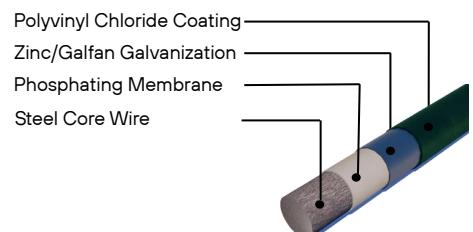
Surface Treatment



Hot Dipped Galvanized



PVC Coated



Polyvinyl Chloride Coating

Zinc/Galfan Galvanization

Phosphating Membrane

Steel Core Wire



www.rongtaifence.com

RT Chain Link Fence CL3

SECURITY FENCING SYSTEM-SPORTS

Product Technical Information

Sports Field Chain Link Fencing	
Type of Fence	Full-frame; Double-rail; Modular Panel Fence
Material	Low carbon steel wire, electric galvanized wire, hot dipped galvanized wire, PVC coated wire
Fence Length	2m-3m <i>Customized lengths available</i>
Fence Height	2m-6m <i>Customized heights available</i>
Mesh Size	40*40mm, 50*50mm , 55*55mm, 60*60mm
Wire Diameter	Pvc coated wire: 3.5mm,3.8mm,4mm,5mm (Recommend 3.8mm and 4mm)
Surface Treatment	Hot dipped galvanized, PVC coated
Color	RAL 6005 Green, Black Any RAL color available
Post Dimension	Ø60x2mm; Ø75x2.5mm; Other dimensions customizable
Top Rail Frame	Ø48mm (fence height <3m) , Ø60mm(fence height >3m)
Thickness of Frame	1.5mm-2.5mm
Connect method	Steel bar, flat bar, welding

Types of Fence



Full-frame Fence



Double-rail Fence



Modular Panel Fence



www.rongtaifence.com

RT Chain Link Fence CL3

SECURITY FENCING SYSTEM-SPORTS

Connection of Fence



Type 1: Steel bar



Type 2: Flat bar



Type 3: Welding

Feature

1. Safety Protection

The flexible mesh surface minimizes injury risks during collisions and prevents balls from flying out of the field.

2. High Durability

Anti-corrosion treatment (plastic coating/galvanization) extends service life, making it suitable for outdoor exposure to sun and rain.

3. Transparent & Aesthetic

The mesh design ensures clear visibility, and the green or white PVC coating blends well with sports environments.

4. Easy Installation

Can be fixed to the ground (embedded or flange-mounted) or paired with movable bases for flexible setup.

Applications

1. Ball Game Courts

Basketball/Football/Tennis Courts: Separates playing areas from spectator zones to prevent balls from flying out or unauthorized entry.

2. Track & Field Facilities

Divides running tracks, long jump pits, and throwing areas to ensure athlete safety.

3. School/Community Sports Grounds

Acts as perimeter fencing for multi-purpose fields to restrict unauthorized access.

RT Chain Link Fence CL3

SECURITY FENCING SYSTEM-SPORTS

4. Temporary Event Venues

Quick assembly and disassembly make it ideal for temporary isolation during competitions or events.

5. Golf Driving Ranges

Blocks golf balls from leaving the range, protecting surrounding areas.



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RT Expanded Metal Fence

METAL SAFETY BARRIERS SYSTEM



Description

RT Expanded Metal Fence is a high-strength mesh fencing system manufactured by shearing and stretching metal sheets (such as steel, aluminum, or stainless steel). Its distinctive diamond or hexagonal apertures combine aesthetic appeal with excellent ventilation and light transmission, while delivering superior protective performance.



www.rongtaifence.com

RT Expanded Metal Fence

METAL SAFETY BARRIERS SYSTEM

Product Technical Information

Material	Low carbon steel, stainless steel
Hole Shapes	Diamond mesh, square mesh, hexagonal mesh
Fence Width	2.0m-3.0m Customized widths available
Fence Height	1m-4m (Highway: 1.8m ; Bridge side: 2.2m) Customized heights available
Thickness	0.5mm-6mm(Common: 1.2mm-3mm)
Color	Black, brown, white, green, etc. <i>Customized color available</i>
Surface Treatment	Hot-dipped galvanized, Powder coated, PVC coated
Mesh Size	10*20mm , 30*60mm, 50*100mm
Frame Size	Square tube: 20*20mm-50*50mm Angle steel: 30*30*3mm
Post Size	Round pipe: Ø48mm ~ Ø76mm Square pipe: 40*40mm-60*60mm

Feature

- **High Impact Resistance:** Superior tensile strength and resistance to deformation, ensuring long-term structural stability.
- **Enhanced Security Performance:** Diamond-shaped mesh with sharp edges (optionally deburred) and vertical installation effectively deters intrusion.
- **Excellent Ventilation & Functionality:** The open-weave design allows airflow, reducing wind load, while maintaining clear visibility for surveillance.
- **Superior Weather Resistance:** Hot-dip galvanized, powder-coated, or stainless steel construction withstands harsh environments (humidity, acid rain, etc.).



www.rongtaifence.com

RT Expanded Metal Fence

METAL SAFETY BARRIERS SYSTEM

Application

- Expanded metal security fence with high security and corrosion resistance is broadly used for preventing climbing, keeping out trespassers and thieves.
- Used in roads, freight yards, airports, prisons, highway, farms, factories, villas, residential perimeters, and other public places where with high requirements of security.



Expanded metal security fence



Expanded metal fence with bending top



Expanded metal fence with barbed wires



Expanded metal fence with barbed wires in the substation

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RT Anti-Glare Fence

HIGHWAY ANTI-GLARING & PROTECTION SYSTEM



Description

RT Anti-Glare Fence, a variety of metal fence industries. It can effectively ensure the continuity and lateral glare facilities through visual, but also isolate the up and down lane, to glare and isolation, is a very effective highway fence products.

Feature

- **Glare reduction without light blockage:** Maintains 30%-50% light transmittance while preventing complete visual obstruction that may cause driver discomfort.
- **Structural Reliability:** Withstands wind loads of 0.5-1.0 kN/m² (meets highway safety standards for extreme weather conditions).
- **Environmental Durability:** Performs reliably in temperature extremes from -40°C to +80°C without deformation or cracking (verified through ASTM B117 salt spray testing)



RT Anti-Glare Fence

HIGHWAY ANTI-GLARING & PROTECTION SYSTEM

Product Technical Information

Material	Low carbon steel, stainless steel, aluminum
Fence Width	2.0m-3.0m <i>Customized widths available</i>
Fence Height	0.8m-2.5m (Highway: 1.8m; Bridge side: 2.2m) <i>Customized heights available</i>
Thickness	Low carbon steel: 3.0mm-5.0mm Aluminum: 2.0mm-4.0mm Stainless steel: 2.5mm-4.5mm
Color	RAL 6010 Grass Green <i>Customized RAL color available</i>
Surface Treatment	Hot-dipped galvanized+powder coated
Mesh Size	20*40mm (<i>recommend</i>) , 30*60mm, 15*50mm
Frame Size	40*40mm, 50*30mm Thickness: 1.5mm, 2mm, 2.5mm, 3mm
Post Size	Φ60mm~Φ100mm RHS Thickness: 1.5mm, 2.0mm, 2.5mm, 3mm

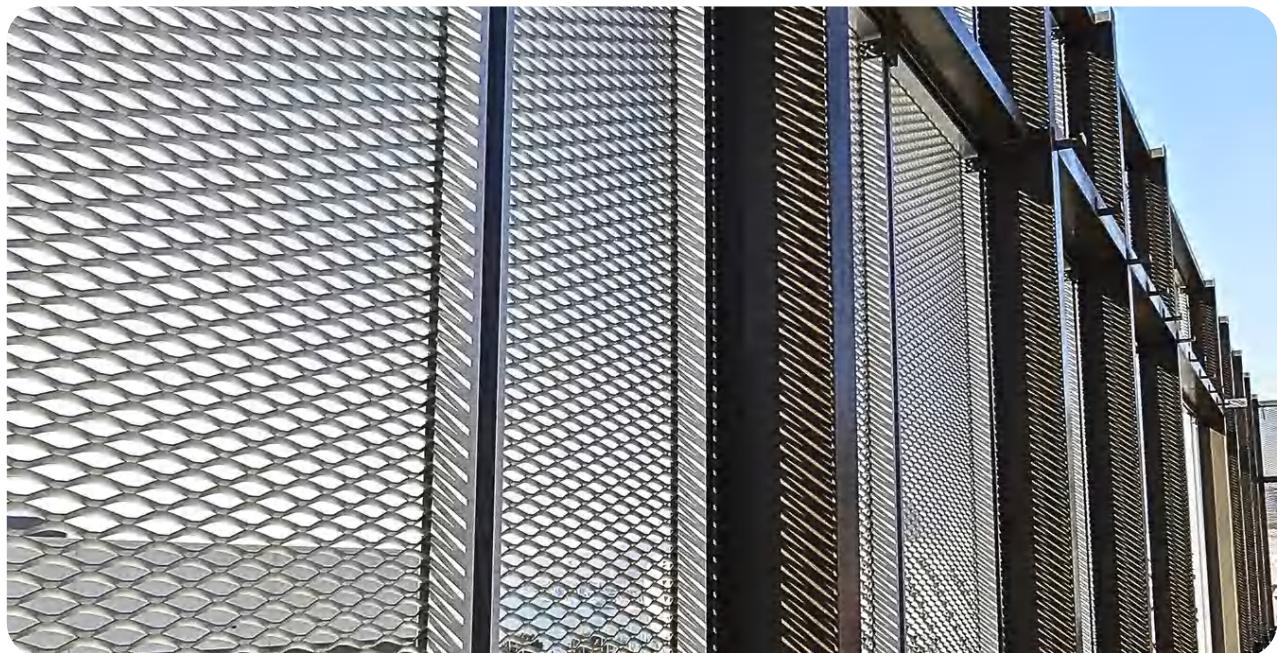
Application

RT Anti-Glare Fences are engineered for highway medians, urban viaducts, railway borders, industrial perimeters, and noise barriers to mitigate light interference while maintaining airflow and structural safety.



RT Anti-Throwing Fence

BRIDGE & HIGHWAY ANTI-THROWING FENCE



Description

RT Anti-Throwing Fence is a crucial safety feature designed to prevent debris and objects from being thrown or falling off bridges, ensuring the safety of vehicles and pedestrians below. Constructed with high-quality materials and robust design, this fence is engineered to withstand harsh weather conditions and impact, providing long-lasting protection and peace of mind.



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RT Anti-Throwing Fence

BRIDGE & HIGHWAY ANTI-THROWING FENCE

Product Technical Information

Material	Q195/Q235 Low carbon steel, steel wire &tubes
Surface Treatment	Hot-dipped galvanized, PE coated, PVC coated
Panel Width	1.0m-3.0m <i>Customized widths available</i>
Panel Height	1m-3m <i>Customized heights available</i>
Galvanization Thickness (kg/m ²)	Normal: 40-60 Medium High: 100-120 High: 200-275
Color	Black, brown, white, green, etc. <i>Customized color available</i>
Post Options	Square Posts Round Posts Customization Available
Wind Resistance	≥ 160 km/h ≥ 100 mile/h
Installation	Fixed (with expansion bolts) to the concrete bases or bridge structure

Feature

- **High Durability:** Made from premium materials such as galvanized steel and aluminum alloy, offering excellent resistance to corrosion and wear.
- **Impact Resistance:** Designed to withstand high impact, ensuring debris and objects are effectively contained.
- **Weatherproof:** Resistant to extreme weather conditions, including heavy rain, strong winds, and snow.
- **Easy Installation:** Simple to install with minimal labor, making it cost-effective and efficient.

RT Anti-Throwing Fence

BRIDGE & HIGHWAY ANTI-THROWING FENCE

Application

- **Bridges:** Essential for use on bridges to prevent debris from falling onto roads, waterways, or railways below.
- **Overpasses:** Provides added safety on overpasses, ensuring objects do not fall onto busy highways or urban streets.
- **Pedestrian Walkways:** Enhances safety on pedestrian bridges by preventing items from being accidentally or intentionally thrown.
- **Highway Interchanges:** Ideal for complex highway interchanges where debris containment is critical.

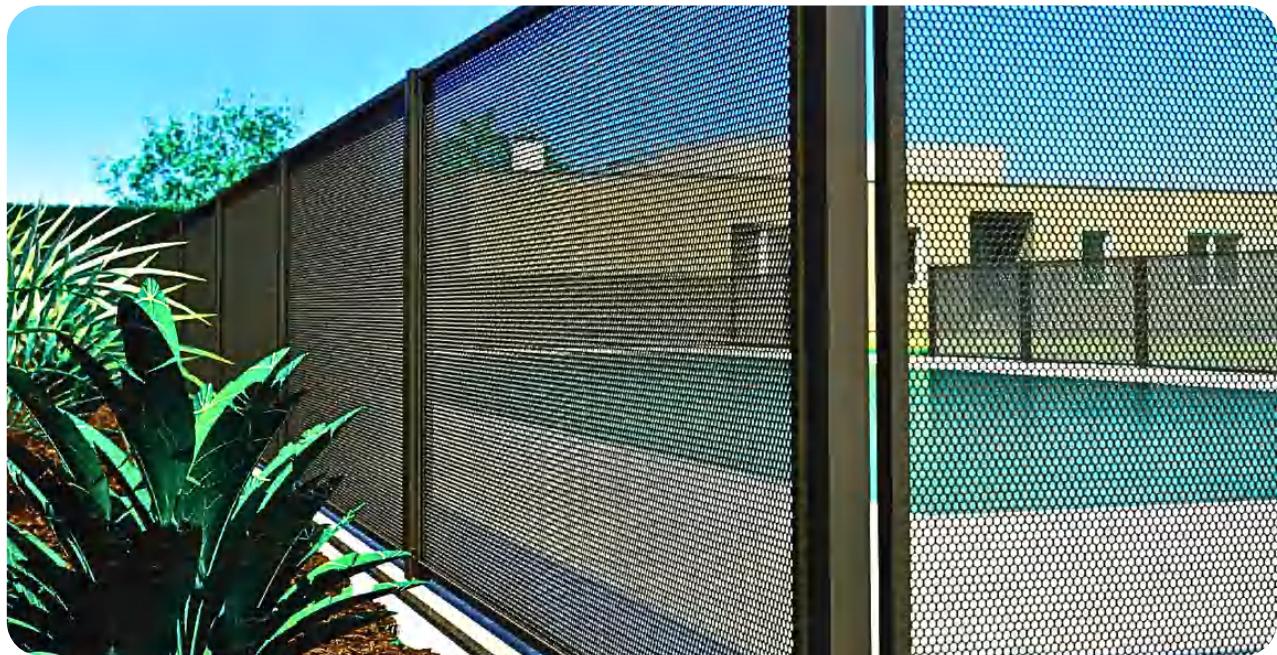


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RT Perforated Fence

INDUSTRIAL PROTECTIVE FENCING



Description

RT Perforated Fence is a type of fence that is made from metal sheets that have been punched or drilled with a series of holes. These holes can be different shapes and sizes, allowing for customization and flexibility in design.

Product Technical Information

Material	Plain steel, mild carbon, aluminum, stainless steel, brass, copper
Standard Size	1000*2000mm, 1000*2400mm and 1200*2400mm
Width by length	1000*2000mm to 2000*6000mm <i>Customized available</i>
Thickness	0.2-25mm
Surface Treatment	Galvanized, polyester powder coating and fluorocarbon paint coating
Hole Patterns	Round hole, Square hole, Slotted hole, Hexagonal hole and Decorative hole
Hole Diameter	0.2-100mm
Packing	Coiled plate: in water-proof plastic bags then in wood pallets. Flat plate: in plastic film then in wood pallets.



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RT Perforated Fence

INDUSTRIAL PROTECTIVE FENCING

Perforated Fence Types



Round Hole



Square Hole



Slotted Hole



Hexagonal Hole

Feature

- Ventilation, light and air penetration and anti-sand property and noise reduction ability.
- High strength and security.
- Perfect anti-corrosion property and rust resistance.
- Various choices in opening sizes/areas, gauges and materials, hole shapes/patterns.
- Aesthetic appearance.



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RT Perforated Metal Fence

INDUSTRIAL PROTECTIVE FENCING

Application

- **Industrial Safety** – Machine guarding in factories.
- **Architectural Facades** – Decorative screens for modern buildings.
- **Highway Barriers** – Noise reduction + wind load resistance.
- **Electrical Enclosures** – Ventilated substation fencing.
- **Chemical Zones** – Corrosion-resistant explosion-proof barriers.
- **Interior Design** – Ventilated room dividers/art installations.
- **Agricultural Use** – Ventilated animal enclosures/storage.



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RT Wrought Iron Fence

HIGH-SECURITY FENCE PANEL SYSTEM

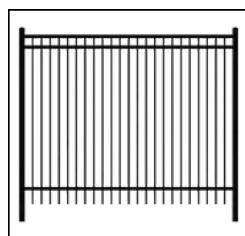


Description

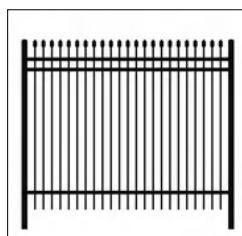
Steel Picket Fence Panels, also referred to as Wrought Iron Fence Panels, are decorative mesh fences known for their simple tubular structure and high defensive capabilities. These fences are constructed using galvanized steel pipes or aluminum pipes, connected by vertical steel plates and horizontal guide rails. They offer excellent corrosion and rust resistance, ensuring a long service life.

Top Pattern

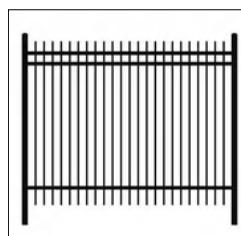
According to their top patterns, our steel fence can be divided into five types as shown below.



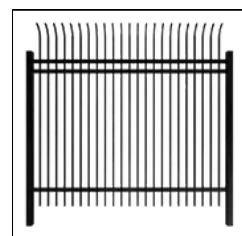
Flat-top steel fence



Spear-top steel fence



Rod-top steel fence



Bend top steel fence



Arrow top with rings steel fence

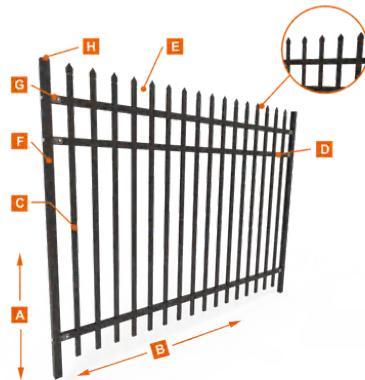


www.rongtaifence.com

RT Wrought Iron Fence

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information



A Panel Height	1200mm, 1500mm, 1800mm, 2100mm
B Panel Width	1800MM, 2000MM, 2400MM
C Vertical Picket	15mm*15mm, 19*19mm, 25*25mm; Thickness: 0.8-2.0mm
D Horizontal Rail	30mm*30mm, 40*40mm, 45*45mm, 2 rails, 3 rails or 4 rails
E Vertical Pipe Spacing	100mm, 110mm, 120mm
F Post Size(mm)	50*50mm, 60*60mm, 80*80mm, 100*100mm; Thickness: 1.2-3.0mm
G Fixing	Steel/ Aluminum brackets
H Post Cap	Metal rainproof cap / Anti-UV PP cap
Surface treatment	Polyester powder coated
Color	Black (most popular); Grey; Green; Blue; White Customization Available (All RAL Color)
Gates to Match	Manual sliding gates Remote controlled electric sliding gates Conventional swinging gates
Warranty	Min. 10 years under normal conditions



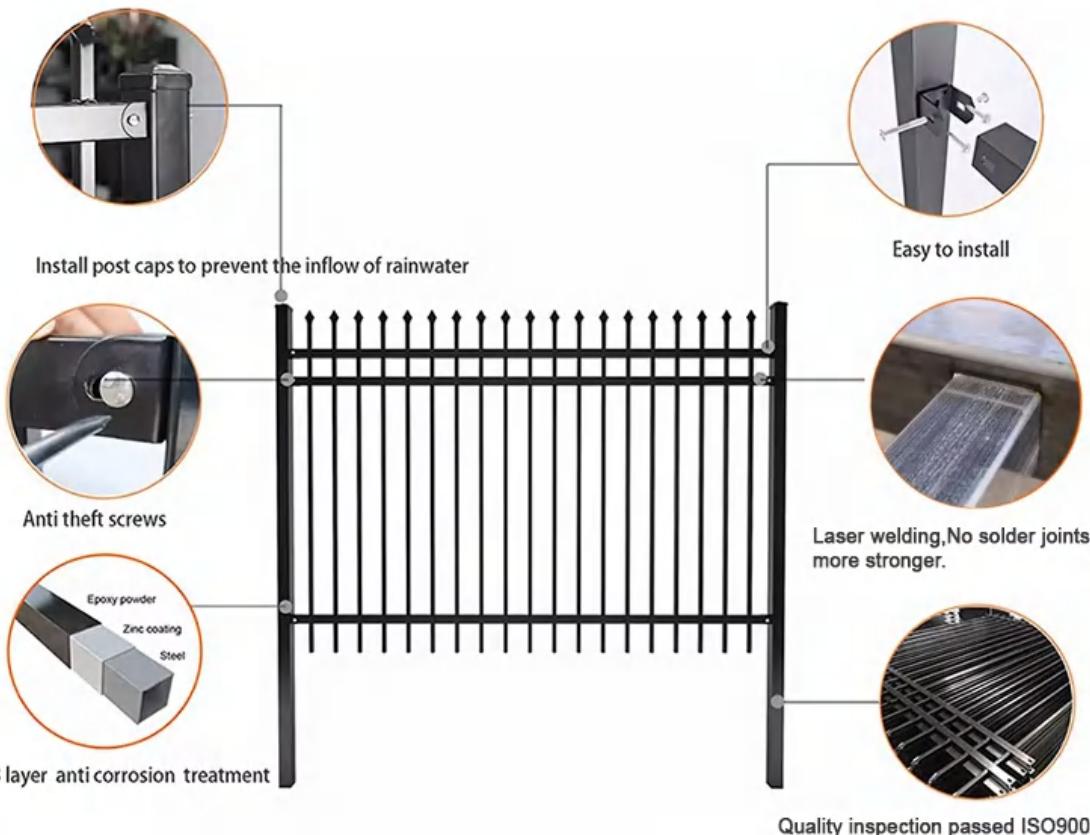
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RT Wrought Iron Fence

HIGH-SECURITY FENCE PANEL SYSTEM

Accessories

The main components of our steel fence are steel fence panels and posts as shown below.



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Features

- 1. Easy & simple installation:** Pre-punched mounting holes for easy and simple Installation.
- 2. Corrosion & rust resistance:** The galvanized and aluminum tubes provide excellent corrosion and rest resistance and weather resistance performance.
- 3. Adapt to most surroundings:** A variety of top pattern, heights and colors are available to adapt to most surroundings.
- 4. Less maintenance:** The simple yet solid structure makes it virtually maintenance free.
- 5. Excellent surface treatment:** Galvanized and power coating services extend its service life and keep it working well for years.



Applications



Schools



Industrial parks



Villa yards



Factories



Leisure park



Recreation Facilities



Botanical gardens



Community Garden



RT Temporary Fence US1

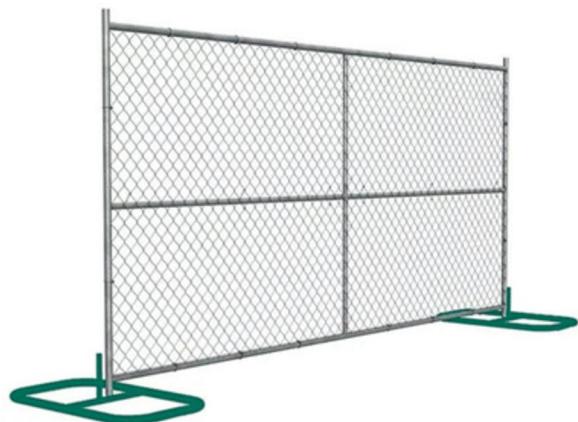


TEMPORARY PORTABLE FENCE SYSTEM



Description

RT Temporary Fence US1, also known as portable chain link fence or chain link construction fence, is a kind of free-standing chain link fence with movable feet. It can be installed directly in a variety of grounds including sand, soil, asphalt and concrete without digging holes or removing excavated materials, which saves both time and labor. It is widely used to protect your property and prevent unauthorized persons from entering.



Galvanization Options

- 200 g/m² (28 µm)
- 428 g/m² (60 µm)

Common Color Options



Any RAL color customizable

Features

- No digging or debris cleaning
- Easy installation and removal
- Security
- Adaptability
- Affordability
- Durability
- Less maintenance



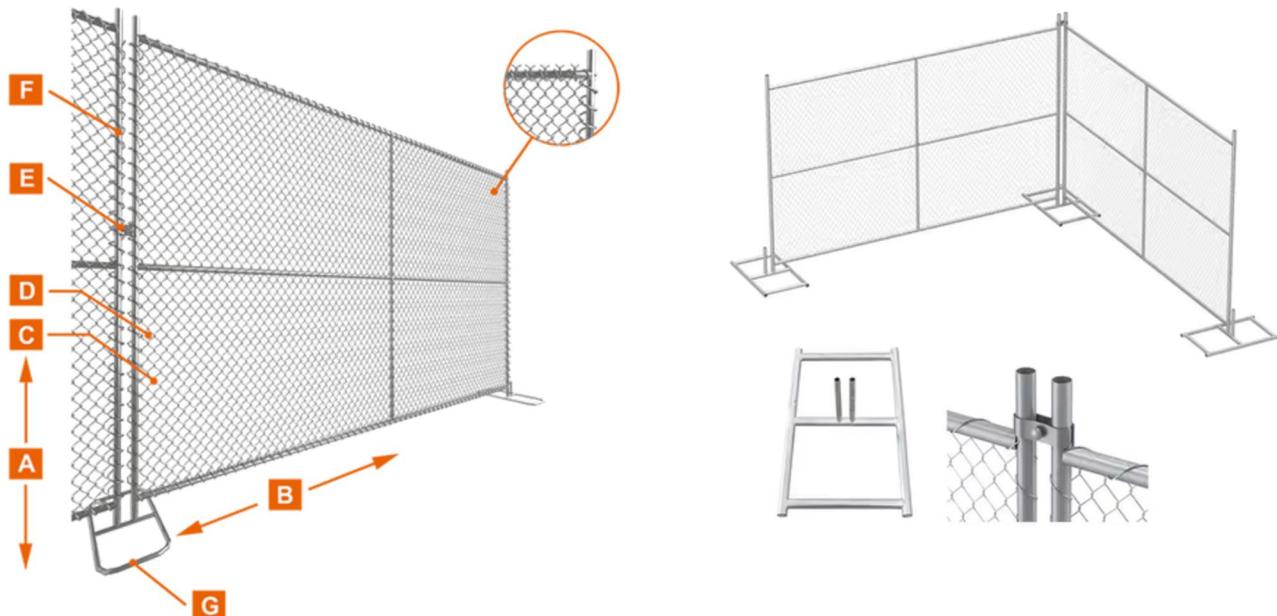
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RT Temporary Fence US1

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information

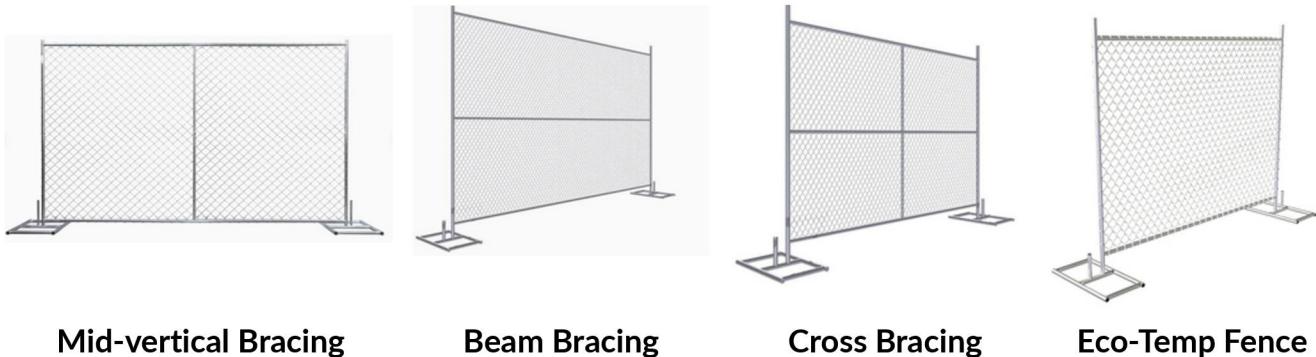
Standard	ASTM A392-06 Standard 1: AS 1725-2010 Chain Link Fabric Security Fences and Gates Standard 2: AS 2423-2002 – Coated Steel Wire Fencing Products for Terrestrial, Aquatic and General Use Standard 3: AS 54687-2007 – Temporary Fencing and Hoarding
A. Height	1800mm, 2000mm, 2100mm, 2200mm, 2400mm
B. Width	2400mm, 2500mm, 3000mm, 3700mm, 4300mm
C. Wire Diameter	2.5mm, 3.0mm, 3.5mm, 3.8mm, 4.0mm, 5.0mm (14guages)
D. Aperture size	50mm x 50mm, 57mm x 57mm, 60mm x 60mm, 70mm x 70mm
E. Clamp	metal clamp
F. Frame	RHS: Ø32mm, Ø38mm, Ø40mm, Other dimensions customizable
G. Base	915mm x 350mm x 200mm, 760mm x 460mm x 200mm
Finish	Polyester powder coated Thickness: 80 - 120 microns or > 160 microns Any RAL color available
Foundation	Embed the post into the hole with the min dimension: 500mm (19.7 in) square x 800mm (31.5 in) depth.
Optional Accessories	Shade Cloth/ Customized Logo/ Signboards



RT Temporary Fence US1

TEMPORARY PORTABLE FENCE SYSTEM

Types



Mid-vertical Bracing

Beam Bracing

Cross Bracing

Eco-Temp Fence

Main Components



Fence panel

Fence feet

Sand bags

Connection Method



Clamp Connection

Feet Connection

Dual Panel Connection



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RT Temporary Fence US1

TEMPORARY PORTABLE FENCE SYSTEM

Applications



Construction Sites Temporary Isolation



Restricted Area



Demolition Sites Temporary Isolation



Road Construction



Parking Lots Perimeter



Storage Protection

Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaimetal.com.

RT Temporary Fence AU2



TEMPORARY PORTABLE FENCE SYSTEM



Description

RT Temporary Fence AU2 is a type of modular, portable fencing designed for quick installation and removal, making it ideal for temporary security and safety needs. This fence typically consists of mesh panels made from galvanized steel wire, mounted on sturdy, removable bases, and connected by steel clamps. The panels are usually 2.1 meters high and 2.4 meters wide, providing robust security. The galvanized finish protects the fence from rust and corrosion, ensuring durability even in outdoor environments.

Applications



Industrial-sites



Parks



Roadsides



Construction-sites

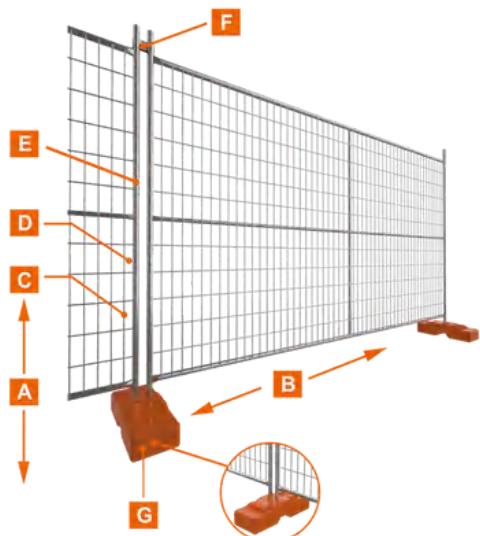


RT Temporary Fence AU2

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information-standard fencing panels

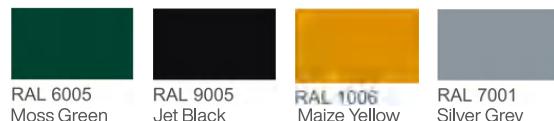
Standard	AS 4687-2007		
A.Panel Height	2400mm / 94.48 in 2200 mm / 86.61 in	2000 mm / 78.74 in 2400 mm / 94.49 in	1800mm / 70.87 in
B.Panel Width	2000 mm /78.74 in 2500mm / 98.43 in	2100 mm / 82.68 in 2900mm/114.17 in	2400mm/94.49 in 3000mm/118.11 in
C.Wire Diameter	2.5mm, 3.0mm ,3.5mm,3.8mm, 4.0mm, 5.0mm		
D.Aperture Size	50*150mm,50*150mm,60*150mm,60*200mm,75*100mm,75*150mm		
E.Frame pipe(RHS)	Diameter:32/38/42/48mm Thickness:1.2/1.5/1.6/1.8/2.0mm		
Fittings	steel clamps, Base/Feet, Brace/Support		
F.Clamp	Metal clamp		
G.Feet	580mm*245mm*130mm, 600mm*220mm*150mm,		
Finish	Electro Zinc Galvanization /Hot-dip Zinc Galvanization/Powder coated		
Optional	Braces		
Finish	Pre-galvanized: the finish type can ensure at least 42 micron zinc coating thickness. (satisfy normal applications) Hot dipped galvanized after welding: at least 90 microns zinc coating (high corrosive areas) Powder coated with high visible colors		



Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)

Common Color Options



Any RAL color customizable

RT Temporary Fence AU2

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information- Customized Fencing Panels

01 Type 1



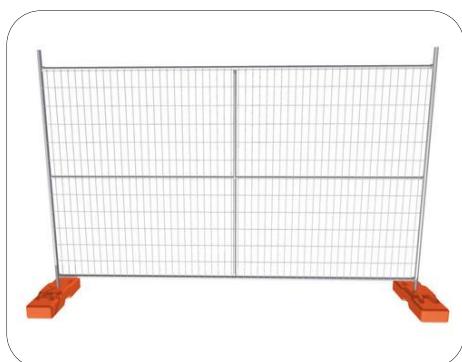
Common Temporary Fence Panel: AS487
Panel Size: 2400mm(L)*2100mm(H)
Frame Size: 32mm O.D.*1.5mm
Wire Diameter: 3.0mm
Aperture Size: 150mm*60mm
Surface Treatment: Electro Zinc Galvanization/Hot dip Zinc Galvanization
HDG Coating Thickness: 42 microns
High Zinc Coating Thickness (Optional): 70 microns

02 Type 2



Double-Wing Temporary Fence: AS4687
Panel Size: 2650 mm(L) * 2100 mm(H)
Frame Size: 32 mm O.D. * 2.0 mm
Wire Diameter: 4.00 mm
Aperture Size: 150 mm * 60mm
Surface Treatment: Electro Zinc Galvanization / Hot-dip Zinc Galvanization
HDG Coating Thickness: 42 microns
High Zinc Coating Thickness (Optional): 70 microns

03 Type 3



Extra-Large Window Temporary Fence: AS4687
Panel Size: 3300 mm(L) * 2100 mm(H)
Frame Size: 32 mm O.D. * 2.0 mm
Wire Diameter: 4.00 mm
Aperture Size: 150 mm * 60 mm
Surface Treatment: Electro Zinc Galvanization/ Hot- dip Zinc Galvanization
HDG Coating Thickness: 42 microns
High Zinc Coating Thickness (Optional): 70 microns

RT Temporary Fence AU2

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information- customized fencing panels

04 Type 4



Extra-Large Window Temporary Fence: AS4687
Panel Size: 1200 mm(L) * 2100 mm(H)
Frame Size: 32 mm O.D. * 1.5 mm
Wire Diameter: 3.00 mm
Aperture Size: 150 mm * 60 mm
Surface Treatment: Electro Zinc Galvanization /
Hot-dip Zinc Galvanization
HDG Coating Thickness: 42 microns
High Zinc Coating Thickness (Optional): 70 microns

Components of Standard Temporary Fence System

Fixings:

Plastic Temporary Fencing Feet and steel Couplers are an essential requirement, whereas accessories such as Ant-Lift Devices and Debris Netting are optional extras which are useful for increasing the functionality of a Temporary Security Fencing system. Panels are fixed to steel posts using sturdy clamps.

01 Technical Specifications-Clamps/Coupler



Specification:

Raw Material: Carbon Steel
Size: 40x115mm; 40x150mm etc.
Thickness: 4.0mm
C/C spacing: 85mm, 100mm etc.
Coating: hot dipped galvanized or powder coated with RAL color
To security the brace and fence panels

RT Temporary Fence AU2

TEMPORARY PORTABLE FENCE SYSTEM

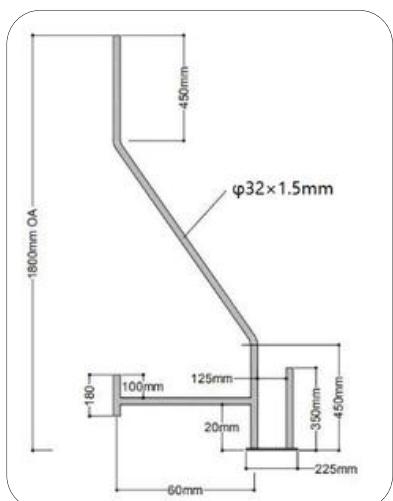
02 Plastic Base(3pcs/bracing)



Specification:

Traditional Temporary Fence Braces can be installed with up to 3 x Temporary Fence Feet with a combined weight of 85kg's or our specialty Concrete Blocks can be strapped to the Temporary Fence.

03 Galvanised Steel Bracing



Specification:

- Suits 32mm Tube Fencing
- Required 2x Couplers & a Rubber Foot to connect to the Fence
- Clips to panel and temporary fence foot
- Add strength and stability to fencing panels
- Designed to withstand the most severe site conditions

Optional Accessories



Braces



Shade cloth



Handrails



www.rongtaifence.com

RT Temporary Fence AU2

TEMPORARY PORTABLE FENCE SYSTEM



Dog bars



Warning signs



Razor wires

Feature

- Quick and Easy Installation:** The modular design allows for rapid setup and takedown, making it an ideal solution for temporary needs. The panels are easy to transport and can be installed without specialized tools.
- Durability:** Made from high-quality galvanized steel, the Australian Temporary Fence is resistant to rust and corrosion, ensuring a long lifespan even when exposed to the elements.
- Reusability:** This type of fencing is designed for multiple uses, making it a cost-effective option for businesses that need temporary fencing on a regular basis.
- Stability and Security:** The fence panels are designed to be stable and secure, with heavy-duty bases that prevent tipping or shifting. Additional accessories like anti-lift brackets and security mesh can further enhance security.
- Compliance with Australian Standards:** These fences are often designed to comply with Australian safety and building regulations, ensuring that they meet all necessary standards for temporary site security.

Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

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RT Temporary Fence CA3

TEMPORARY PORTABLE FENCE SYSTEM



Description

RT Temporary Fence CA3 is also known as Temporary Fence Panels, Portable Fence, or Security Fence. It is a kind of temporary fence prevailing in Canada and North America markets. The key feature of Canada mobile fence is the solid frame welded by square pipes, platy stable fencing feet and p shaped top coupler. We have a choice of colors and finishes available in the most popular panel sizes.

Applications



Public areas



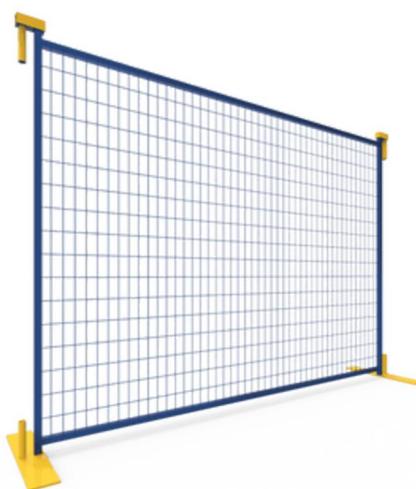
Construction sites



Industrial sites



Protection



Features

- Smooth and elegant appearance.
- Full welding and hand welding technology.
- Lightweight and moveable with detachable base.
- Solid and stable base support.
- Easy installation and removal.
- Great cost effective.
- A wide range of colors.



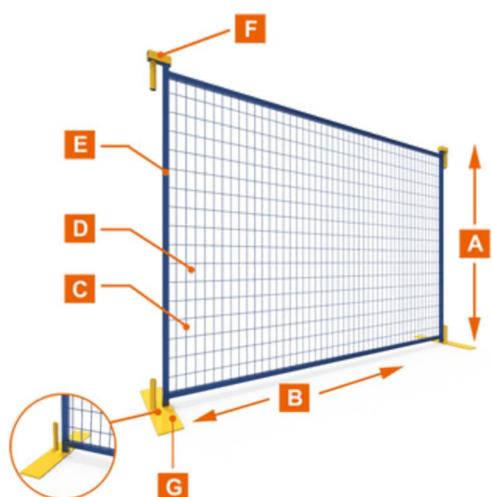
www.rongtaifence.com

RT Temporary Fence CA3

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information

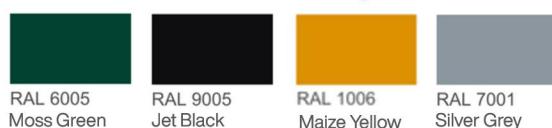
Panel type	welded mesh panel
A.Panel Height	6ft(1.83)
B.Panel Width	9ft,9.5ft,10ft,8ft(2.44m) or 10ft(3.05m)
C.Wire Diameter	3.0 mm, 3.5 mm, 3.8 mm, 4.0 mm, 4.5 mm, etc.
D.Mesh opening	50 mm × 100 mm, 50 mm × 150 mm, 50 × 200 mm, 75 mm × 100 mm, 75 mm × 150 mm
E.Frame	Outside Frame: 25x25mm, 30x30mm Middle Frame:20x20mm,25x25mm Frame Thickness:0.8/1.0/1.2/1.5/2.0/2.5mm
F.Clamp	metal clip
G.Base	563mm x 898mm x 7mm, 863mm x 89mm x 8mm,etc.(Base Dimensions (m):1.5 ft *2ft(0.46m*0.61m)or 563*89mm*7mm;863*89*8mm; Base Weight (kg): 35 lbs (16))
Finish	Hot-dip galvanized; powder coating. Hot dipped galvanized after welding, to ensure at least 70 um thickness of zinc coating.
Vertical Pipe Diameter	1.25"(32mm)
Horizontal Pipe Diameter	1"(25mm)
Panel Installation	With light-weight welded construction infill panel and fencing base are designed to installed in a plug-in type. It can be easily removed and mobile installed when necessary.
Foundations	Platy fence feet are provided to make the temporary fence stand firmly on the ground.



Galvanization Options

- 40 g/m^2 ($6 \mu\text{m}$)
- 270 g/m^2 ($38 \mu\text{m}$)

Common Color Options



Any RAL color customizable



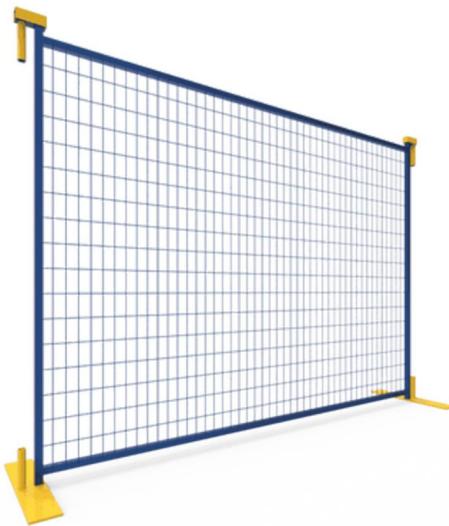
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RT Temporary Fence CA3

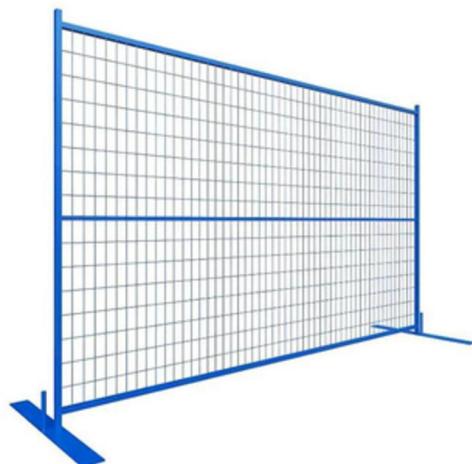
TEMPORARY PORTABLE FENCE SYSTEM

Different Canada temporary fence

01 Eco-Temp Fence



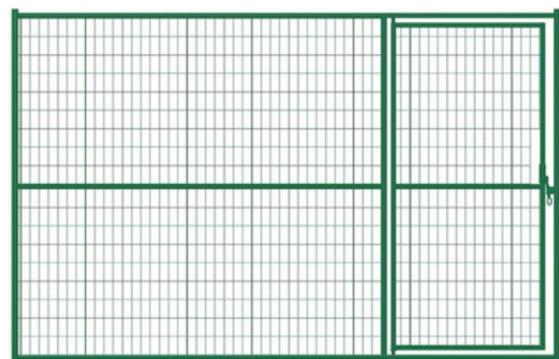
02 Beam Bracing



03 Cross Bracing-most strong panel



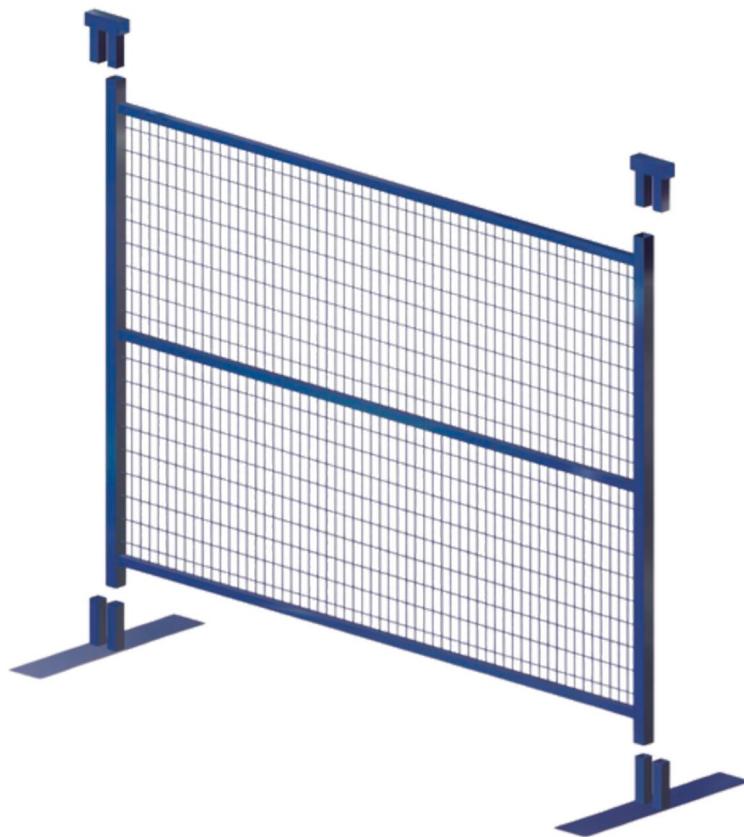
04 Temporary Fence Panel With Gate



RT Temporary Fence CA3

TEMPORARY PORTABLE FENCE SYSTEM

The Main Component of Canada Temporary Fence



Top connector



Panel stand/steel base



Security Clamp



Top connector

- solid steel or steel pipe with big wall thickness
- Hot dipped galvanized in zinc or powder coated as per requirement.

Panel stand/steel base

- Hot dipped galvanized in zinc or powder coated,
- Size: 560 x 100 x 8mm, 860 x 100 x 8mm
- Vertical Rod: 20 x 20mm,
20 O.D. x 1.5mm
- available in solid rod or steel pipes

Security Clamp

- Bolted connection secures adjacent panels together to reduce likelihood of site entry or panel movement.

Temporary Fence Panels

- Main body of the temporary fencing system.

RT Temporary Fence CA3

TEMPORARY PORTABLE FENCE SYSTEM

The Other Accessories of Canada Temporary Fence



Extension Connector

Securely join two panels together to create new configurations and options – increase the height of the fence, add a roof to the enclosure, or securely join them together in a new configuration.



Jersey Barrier Bracket

A stable platform for laying panels on concrete jersey barriers. Securely fixed to the concrete jersey barriers. Available in off-the-shelf and bespoke size and bend options to suit any concrete barrier.



Wind Brace

Options for support and brace fence panels in strong wind conditions, prevent the fence from being blown over or moved. Custom sizes are available for any height of fence panel.



Single Canada temp fence gate wheel

&

Canada temp fence gate with double wheel

Attach the gate wheel system to one or two temporary fence panels to create a swing gate for easier access by vehicles or groups. The large rubber provides durability on rough terrain. Interior wheel assemblies can also be used on concrete floors when panels and gates are used to separate interior spaces and warehouses.

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RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM



Description

RT Pedestrian Barrier is a robust and portable fencing solution designed to manage and control crowds in various public settings. Constructed from galvanized steel, these barriers are durable and resistant to weather conditions, making them ideal for both indoor and outdoor use. With a simple yet effective design, pedestrian barriers are widely used to create safe and organized environments during events, construction projects, and other scenarios where crowd control is essential.

Four types



Fixed base



Flat base



Bridge base



Wheel base

Applications



Public Events



Construction Sites



Traffic Control



Queue Management

Features

- A variety of base types are available for you to choose from and are perfect for all ground surfaces.
- Easy installation and removal.
- It adopts an interlocking system, which makes two panel are connected easily and firmly.
- Corrosion and rust resistance .
- Full welding design is employed to make the barrier strong and durable.

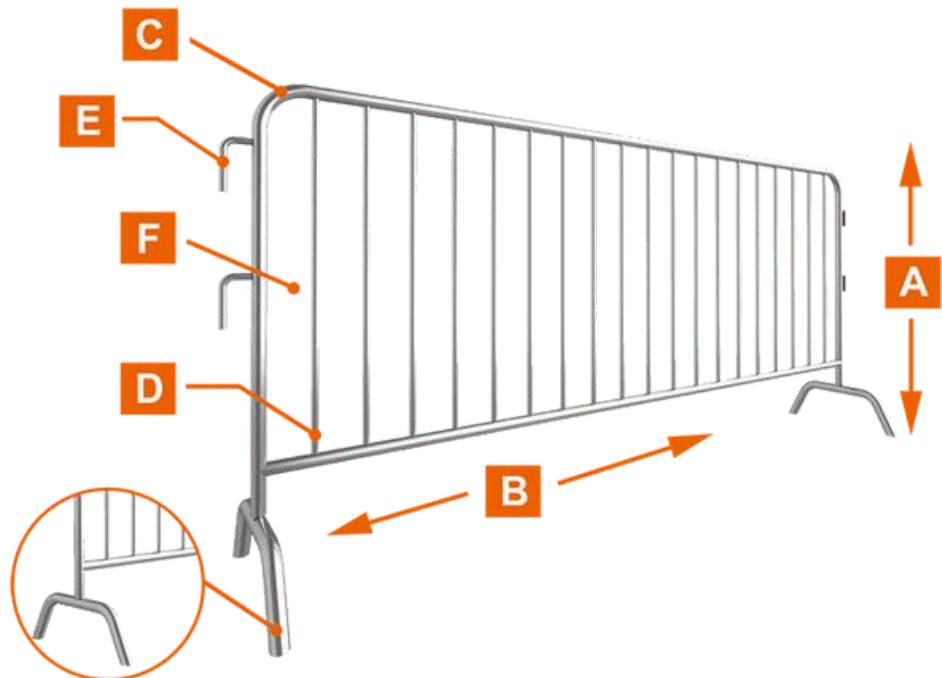


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RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Product Technical Information



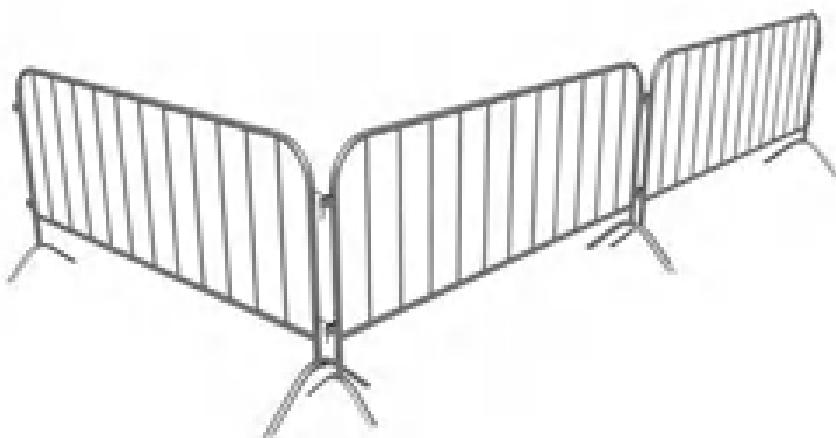
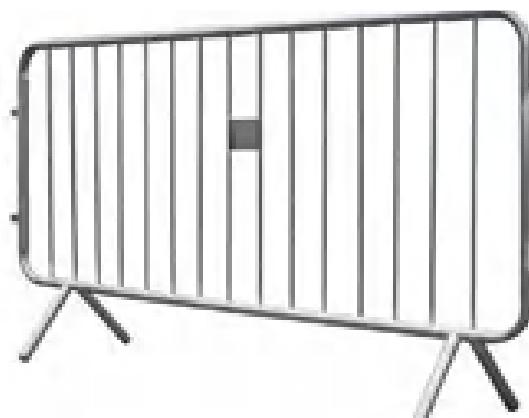
Material	High quality carbon steel tube
A. Height	1m, 1.1m, 1.25m, 1.5m
B. Width	2.0m, 2.1m, 2.2m, 2.4m, 2.5m
C.Frame tube	19OD , 20mmOD, 25mmOD, 32mmOD , 38mmOD, 42mmOD Thickness: 1.2mm,1.5mm,2.0mm,2.5mm
D.Inner tube	12mmOD, 14mmOD, 16mmOD, 20mmOD, 25mmOD Thickness: 0.8mm, 1.0mm, 1.2mm, 1.5mm
E.Connection	metal hook, lugs, signboard
F.Spacing	60mm, 100mm, 120mm,150mm,200mm
Surface treatment	Hot dipped galvanized, powder coated,PVC coated (Zinc standard: 42 microns, 300g/m2. Maximum zinc coated weight: 400g/m2)
Color	Silver, yellow, green, red, orange,black, etc

RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Type 1 - Fixed base

- With fixed leg welded to the frame permanently.
- Ideal for public event areas where the speed of installation, dismantling and high security are the main concerns.
- Perfect for directing foot traffic.



RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Type 2 - Bridge base

- The most stable type
- The most popular base style since steel barriers were invented
- Removal and replaceable bases
- Provides the best resistance to "push" by crowds at events such as parades
- Maximum stability on uneven surfaces
- Each individual barrier has one large base and one small base
- Accommodates placement of barriers in both a straight line and at various angles



"U" Base

- A new design similar to the traditional bridge base
- Provides excellent four-point stability
- Originally utilized by France's Interior Department
- Rubber stoppers help protect the floor during indoor use and reduce sliding



RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Type 3 - Flat base

- Second most popular base style
- With removal and replaceable flat legs bolted on the panels.
- Much more stable and safer.
- Flat leg design minimizes the trip hazard.
- Ideal for use as portable pedestrian railing in situations where crowds will be walking parallel to barriers
- the vertical base pipe are a little smaller than frame size, it is inserted into the frame to avoid water.
- Features holes for semi-permanent anchoring



Type 4 - Wheel base

- Makes barriers easier to move
- Ideal for areas where constant lifting or moving occurs (such as parking lots)

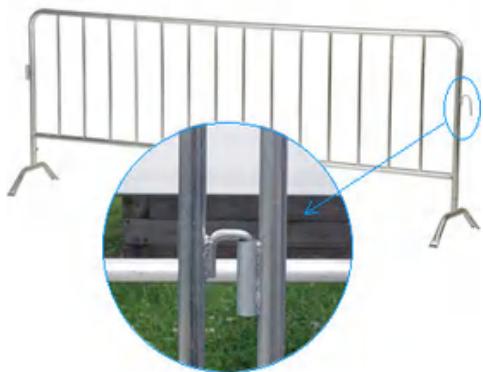
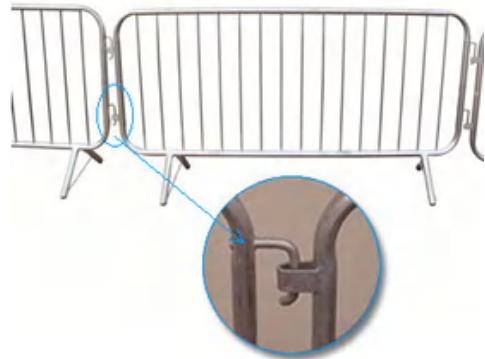


RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Accessories of pedestrian barrier

The barriers feature interlocking hooks that allow them to be easily connected, forming a continuous line of defense that is both stable and secure.



RT Pedestrian Barrier

TEMPORARY PORTABLE FENCE SYSTEM

Applications

Our pedestrian barriers can be used for safety, crowd control and to direct members of the public at demonstrations, large outdoor events and sporting matches. They're also useful to facilitate vehicle management, construction sites and social distancing measures.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaifence.com.

RT Razor Blade Fence



HIGH-DETERRENCE & HIGH-SECURITY FENCE SYSTEM



Description

RT Razor blade fencing is a high-security perimeter solution designed to deter and prevent unauthorized access. This robust fencing system combines a sturdy metal mesh with sharp, razor-like blades to create a formidable physical barrier.

Applications



Farm & Livestock



Prison

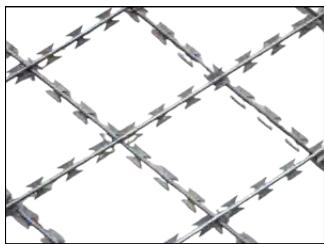


Factory & Warehouse

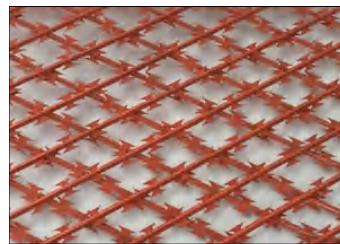


Defense & Border

Material



Galvanized steel plate



Powder-coating



Stainless steel 304 or 316 grades



Safety Notice:

This product contains extremely sharp edges and should only be handled and installed by trained professionals. Proper safety measures must be implemented when using this fencing system.



www.rongtaifence.com

RT Razor Blade Fence

HIGH-DETERRENCE & HIGH-SECURITY FENCE SYSTEM

Product Technical Information

Blade Type	Punched steel razor blades; BTO-10, BTO-12, BTO-18, BTO-22, BTO-28, BTO-30, CBT - 60, CBT - 65
Mesh type	Square type, diamond type, rectangle type.
Frame type	Framed and frameless
Thickness	0.5mm
Panel Width	1.2m - 2.4 m
Panel Height	630mm, 830mm, 1030mm, 1230mm, 1430mm, 1530mm, 1730mm
Mesh type and size	High-density diamond: 75 × 150 mm. Low-density diamond: 150 × 300 mm. Rectangular mesh: 50 × 50 mm, 100 × 100 mm, 150 × 150 mm, 200 × 200 mm, 50 × 150 mm, 75 × 150 mm, 100 × 150 mm
Wire Diameter	2.40mm
Topping Options	Barbed wire; Razor wire
Post Option	60mm - 80mm (Galv.+Polyester Coated) or RHS (Galv.+Polyester Coated); 101mm or 76mm round tube main post; 50mm round tube intermediate post; Y-standard intermediate post (60*60*1.5mm) or as per requirements.
Foundation	post: Dig a pit and fill it up; Flange plate fixation fence: Direct fixation: With the aid of fixtures: Crossbeam installation

Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)

Advantages

- Superior deterrent effect
- Difficult to climb or cut through
- Long-lasting and weather-resistant
- Customizable to suit specific security needs
- Visible deterrent from a distance
- Can be integrated with other security systems
- Simple to install

Common Color Options



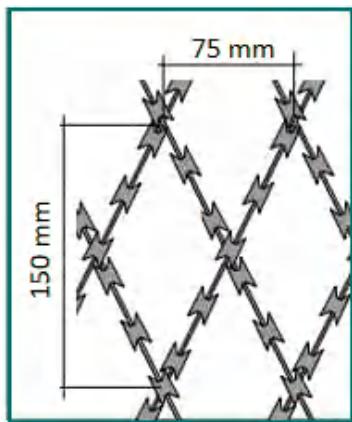
Any RAL color customizable

RT Razor Blade Fence

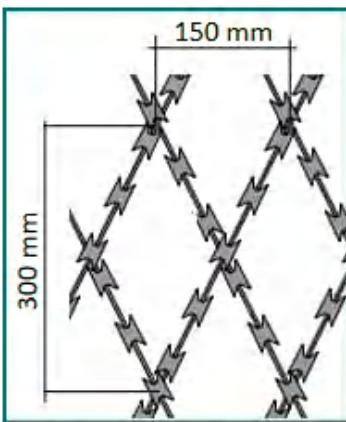
HIGH-DETERRENCE & HIGH-SECURITY FENCE SYSTEM

Product Technical Information

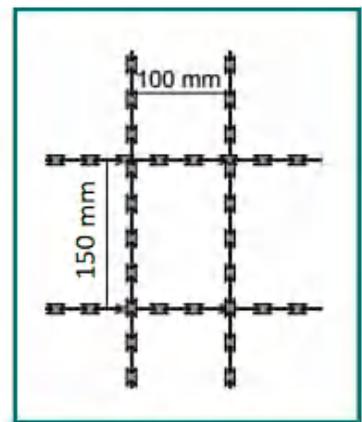
Mesh type and size



High density(75 x 150 mm)



Low density(150 x 300 mm)



Rectangular mesh(optional)

Razor blade Specifications

Item No.	Blade Style	Thickness	Wire Dia	Barb Length	Barb Width	Barb Spacing
BTO-10		0.5±0.05	2.5±0.1	10±1	13±1	26±1
BTO-12		0.5±0.05	2.5±0.1	12±1	15±1	26±1
BTO-18		0.5±0.05	2.5±0.1	18±1	15±1	33±1
BTO-22		0.5±0.05	2.5±0.1	22±1	15±1	34±1
BTO-28		0.5±0.05	2.5	28	15	45±1
BTO-30		0.5±0.05	2.5	30	18	45±1
BTO-60		0.6±0.05	2.5±0.1	60±2	32±1	100±2
BTO-65		0.6±0.05	2.5±0.1	60±2	21±1	100±2



www.rongtaifence.com

RT Razor Blade Fence

HIGH-DETERRENCE & HIGH-SECURITY FENCE SYSTEM

Installation

Mesh

Direct fixing: Unfold the blade barbed wire, fix it on the columns and crossbeams with iron wires, clips, etc., and fasten it at intervals (such as 30 - 50 centimeters). Ensure that it is flat, tensioned, and free from looseness or sagging after installation.

With clamps: Use special blade barbed wire clamps. First, install the clamps on the frame, then snap the barbed wire into the clamps for fixation. This method allows for quicker installation and easier maintenance and replacement later.

Crossbeam installation: Connect the crossbeams to the columns. For welding, adjust the crossbeams to the horizontal position and proper placement first, then fix them by welding to ensure firm welds. For bolt connection, pass bolts through the pre-drilled holes in the crossbeams and columns, and tighten the nuts to fix them, so that the crossbeams and columns form a stable frame.

Post

Pit digging and burying: Dig a pit with a depth of about 50 - 80 centimeters at the marked points (the depth should be increased if the soil is soft or the fence is tall, depending on the site geology and fence height). After placing the column in the pit, fix it by pouring concrete to keep the column vertical and stable, and wait for the concrete to set (usually 1 - 3 days).

Panel Heights	630 mm	830 mm	1030 mm	1230 mm	1430 mm	1530 mm
Post Length at Concrete Surface	670 mm	870 mm	1070 mm	1270 mm	1470 mm	1570 mm
Post Length at Soil Surface	1070 mm	1270 mm	1470 mm	1670 mm	1970 mm	2070 mm

Flange fixing: If the ground is hardened, fix the column with a flange at the installation position using expansion bolts. First, drill holes in the ground, insert the expansion bolts, and then connect and fasten the column flange to the expansion bolts.



RT Razor Blade Fence

HIGH-DETERRENCE & HIGH-SECURITY FENCE SYSTEM

Installation

Razor wire is often installed in conjunction with wire mesh fencing at the top to enhance security. When used as wall protection, it must be securely installed to prevent falling due to external factors.

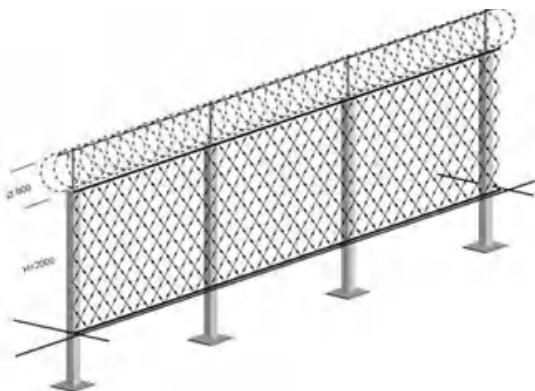
Type1

Y-shaped supports are welded from square tubes, round tubes, or angle iron. The overall structure follows the principle of triangular stability, and both ends of the support and the bottom are pre-drilled to facilitate threading and securing the razor wire during installation.



Type2

Another method of fixing Razor Wire during installation is to use straight columns as supports and use special clips to push and fix the wire in a horizontal circle, which appears simpler.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

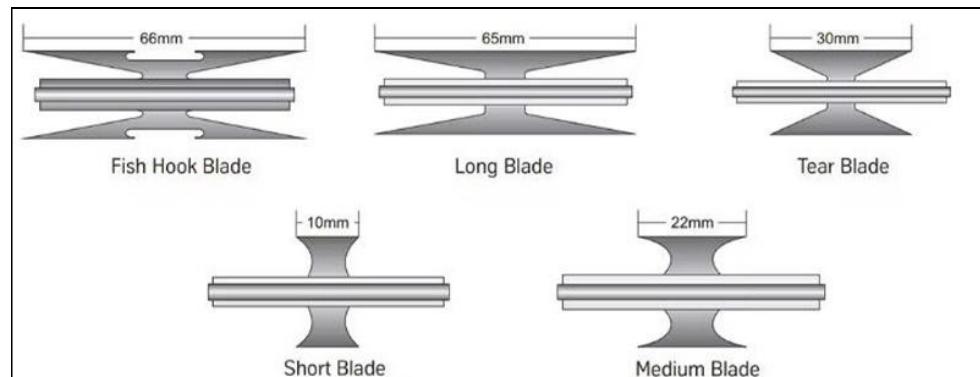
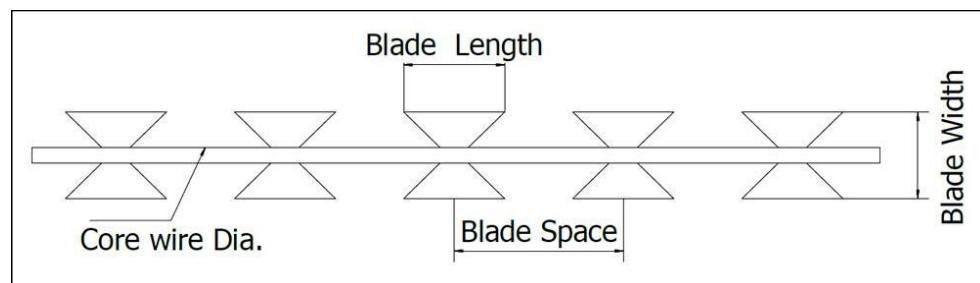
Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaimetal.com.



Description

RT Razor wire, also known as barbed tape or concertina wire, is a type of security barrier made from sharp, blade-like edges arranged at intervals along a high-tensile wire core. It is designed to prevent unauthorized passage by causing severe cuts or entanglement to anyone attempting to climb or cross it.

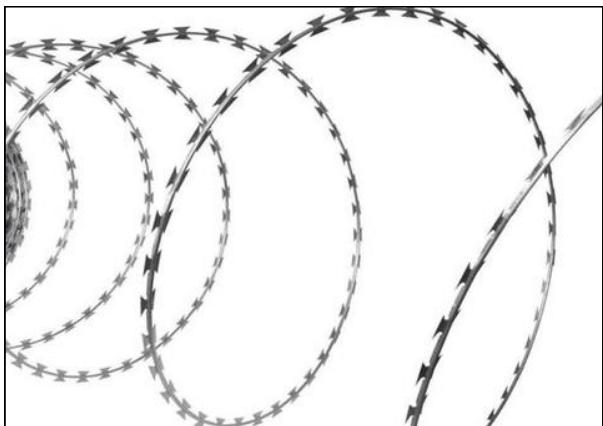


RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Different types of razor wire

Type 1: Single coil razor wire



Type 2: Crossed coil razor wire



Type 3: Concertina razor wire



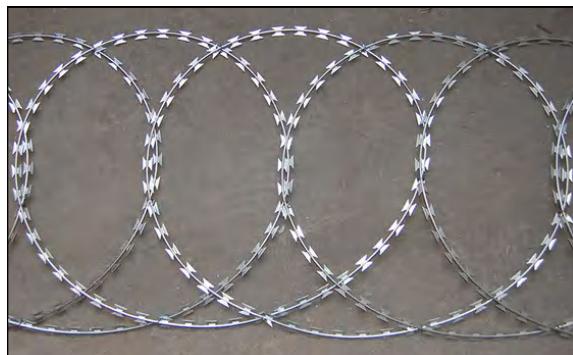
RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

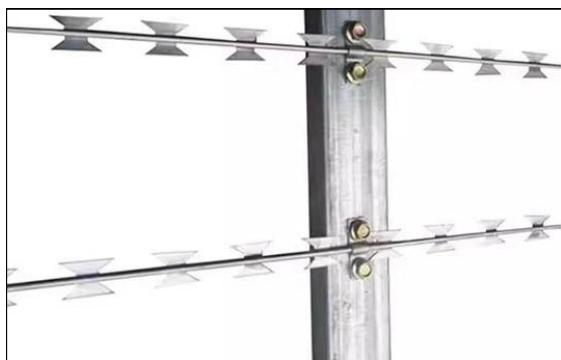
Type 4: Double concertina razor wire



Type 5: Flat razor wire



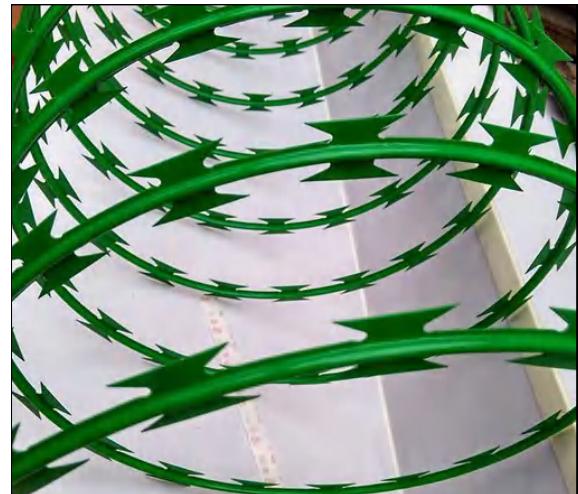
Type 6: Straight razor wire



RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Type 7: PVC coated razor wire



Type 8: Razor wire without clip



RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Material	Galvanized steel,Stainless steel
Wire diameter	2.0mm,2.2mm,2.5mm,2.8mm,3.0mm
Surface treatment	Hot-dip galvanizing, Electro-galvanizing ,PVC coating
Coil Expansion Width	450mm-1000mm
Application	Airports,Ports,Factory perimeters, Prison, Military ,Border
Common type	BTO-10 BTO-12 BTO-18 BTO-22 etc

Blade parameter

Blade Type	Blade Thickness (mm)	Coil Wire Dia(mm)	Blade Length(mm)	Blade Width(mm)	Blade Space(mm)
BTO-10	0.5±0.05	2.5±0.1	10±1	13±1	26±1
BTO-12	0.5±0.05	2.5±0.1	12±1	15±1	26±1
BTO-18	0.5±0.05	2.5±0.1	18±1	15±1	34±1
BTO-22	0.5±0.05	2.5±0.1	22±1	15±1	34±1
BTO-28	0.5±0.05	2.5±0.1	28±1	15±1	34±1
BTO-30	0.5±0.05	2.5±0.1	30±1	18±1	34±1
CBT-60	0.5±0.05	2.5±0.1	60±2	32±1	96±2
CBT-65	0.5±0.05	2.5±0.1	65±2	21±1	100±2



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RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Coil parameter

Outside Diameter	No.of loops	Standard Length per Coil	Type	Notes
450mm	33	7-8m	CBT-60/65	Single coil
500mm	56	12-13m	CBT-60/65	Single coil
700mm	56	13-14m	CBT-60/65	Single coil
960mm	56	14-15m	CBT-60/65	Single coil
450mm	56	8-9m	BTO-22/28/30	Cross type
500mm	56	9-10m	BTO-22/28/30	Cross type
600mm	56	10-11m	BTO-22/28/30	Cross type
600mm	56	8-10m	BTO-22/28/30	Cross type
700mm	56	10-12m	BTO-22/28/30	Cross type
800mm	56	11-13m	BTO-22/28/30	Cross type
900mm	56	12-14m	BTO-22/28/30	Cross type
960mm	56	13-15m	BTO-22/28/30	Cross type
980mm	56	14-16m	BTO-22/28/30	Cross type



RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

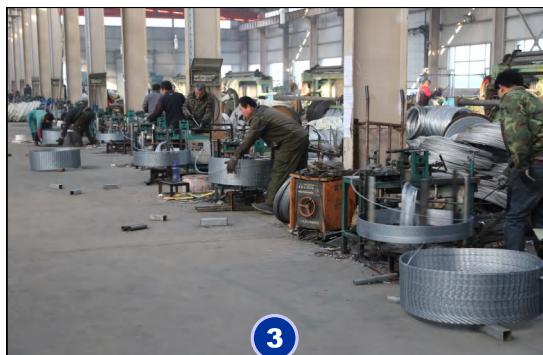
Production Process



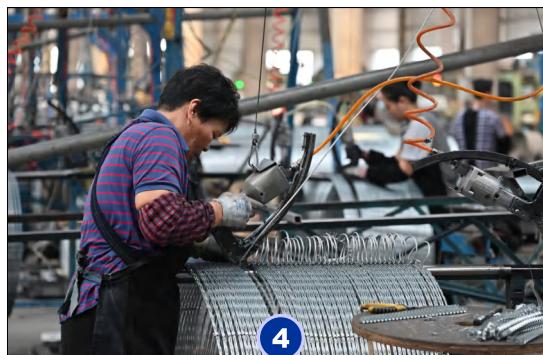
1 Raw material



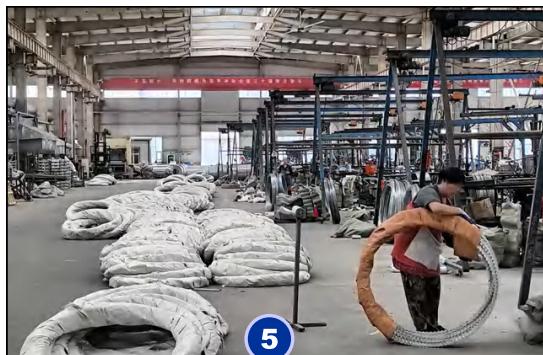
2 Blade Punching



3 Wrapping the Wire with Blades



4 Fixing the Razor Wire Coils



5 Packing



6 Compress



7 Storage



8 Loading



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RT Razor Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Application

According to actual needs, blade barbed wire can be installed separately as boundary security protection to prevent outsiders from invading. It can also be installed on top of other protective nets to enhance safety performance.



Installed individually



Installed on the top of wall



Installed on the top of RT Chain Link Fence CL1



Installed on the top of RT 3D Bending Fence BF1

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RT Mobile Razor Wire Barrier

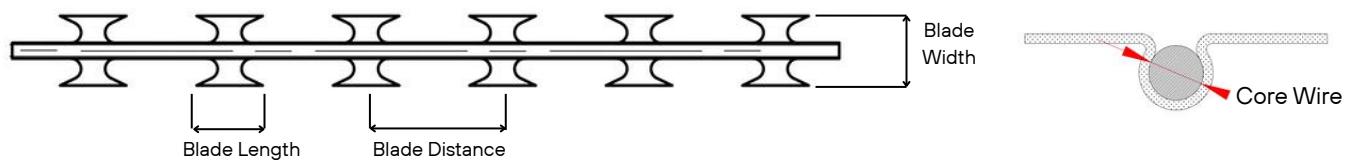


FAST-DEPLOY MOBILE DEFENSIVE BARRIER SYSTEM



Description

RT Mobile Razor Wire Barrier is a rapidly deployable, temporary security system designed to create a formidable physical and psychological deterrent against unauthorized intrusion, forced entry, or vehicular penetration. Unlike fixed perimeter fencing, its key advantage is **mobility**—it can be transported, set up, repositioned, and retrieved quickly without the need for permanent installation or ground penetration.



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RT Mobile Razor Wire Barrier

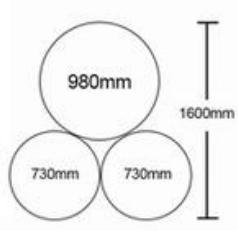
FAST-DEPLOY MOBILE DEFENSIVE BARRIER SYSTEM

Different types of mobile razor wire barrier

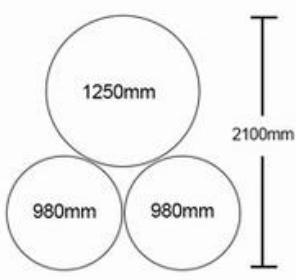
Type 1: Single Coil Framed Razor Barrier



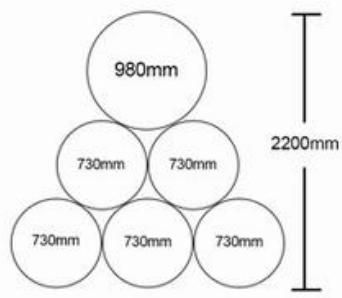
Type 2: Triple-coil Framed Razor Barrier



Option 1
3-coil standard system



Option 2
3-coil heavy duty system



Option 3
6-coil ultra security system



RT Mobile Razor Wire Barrier

FAST-DEPLOY MOBILE DEFENSIVE BARRIER SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. Secured by design
Material	Galvanized steel Stainless steel (304/316/316L)
Wire diameter	2.0mm/2.2mm/2.5mm/2.8mm/3.0mm
Surface treatment	Hot-dip galvanizing Electro-galvanizing Polyester coating
Coil Diameter	350mm-1200mm Common Options: 350/400/450/500/600/700/800/900/1000/1100/1200

Razor (Blade) Parameter

Blade Type	Blade Thickness (mm)	Coil Wire Dia(mm)	Blade Length(mm)	Blade Width(mm)	Blade Space(mm)
BTO-10	0.5±0.05	2.5±0.1	10±1	13±1	26±1
BTO-12	0.5±0.05	2.5±0.1	12±1	15±1	26±1
BTO-18	0.5±0.05	2.5±0.1	18±1	15±1	34±1
BTO-22	0.5±0.05	2.5±0.1	22±1	15±1	34±1
BTO-28	0.5±0.05	2.5±0.1	28±1	15±1	34±1
BTO-30	0.5±0.05	2.5±0.1	30±1	18±1	34±1
CBT-60	0.5±0.05	2.5±0.1	60±2	32±1	96±2
CBT-65	0.5±0.05	2.5±0.1	65±2	21±1	100±2



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RT Mobile Razor Wire Barrier

FAST-DEPLOY MOBILE DEFENSIVE BARRIER SYSTEM

Coil Parameter

Outside Diameter	No.of loops	Standard Length per Coil	Type	Notes
450mm	33	7-8m	CBT-60/65	Single coil
500mm	56	12-13m	CBT-60/65	Single coil
700mm	56	13-14m	CBT-60/65	Single coil
960mm	56	14-15m	CBT-60/65	Single coil
450mm	56	8-9m	BTO-12/18/22/30	Cross type
500mm	56	9-10m	BTO-12/18/22/30	Cross type
600mm	56	10-11m	BTO-12/18/22/30	Cross type
600mm	56	8-10m	BTO-12/18/22/30	Cross type
700mm	56	10-12m	BTO-12/18/22/30	Cross type
800mm	56	11-13m	BTO-12/18/22/30	Cross type
900mm	56	12-14m	BTO-12/18/22/30	Cross type
960mm	56	13-15m	BTO-12/18/22/30	Cross type
980mm	56	14-16m	BTO-12/18/22/30	Cross type
1100mm	100	20-25m	BTO-12/18/22/30	Cross type



RT Mobile Razor Wire Barrier

FAST-DEPLOY MOBILE DEFENSIVE BARRIER SYSTEM

Application

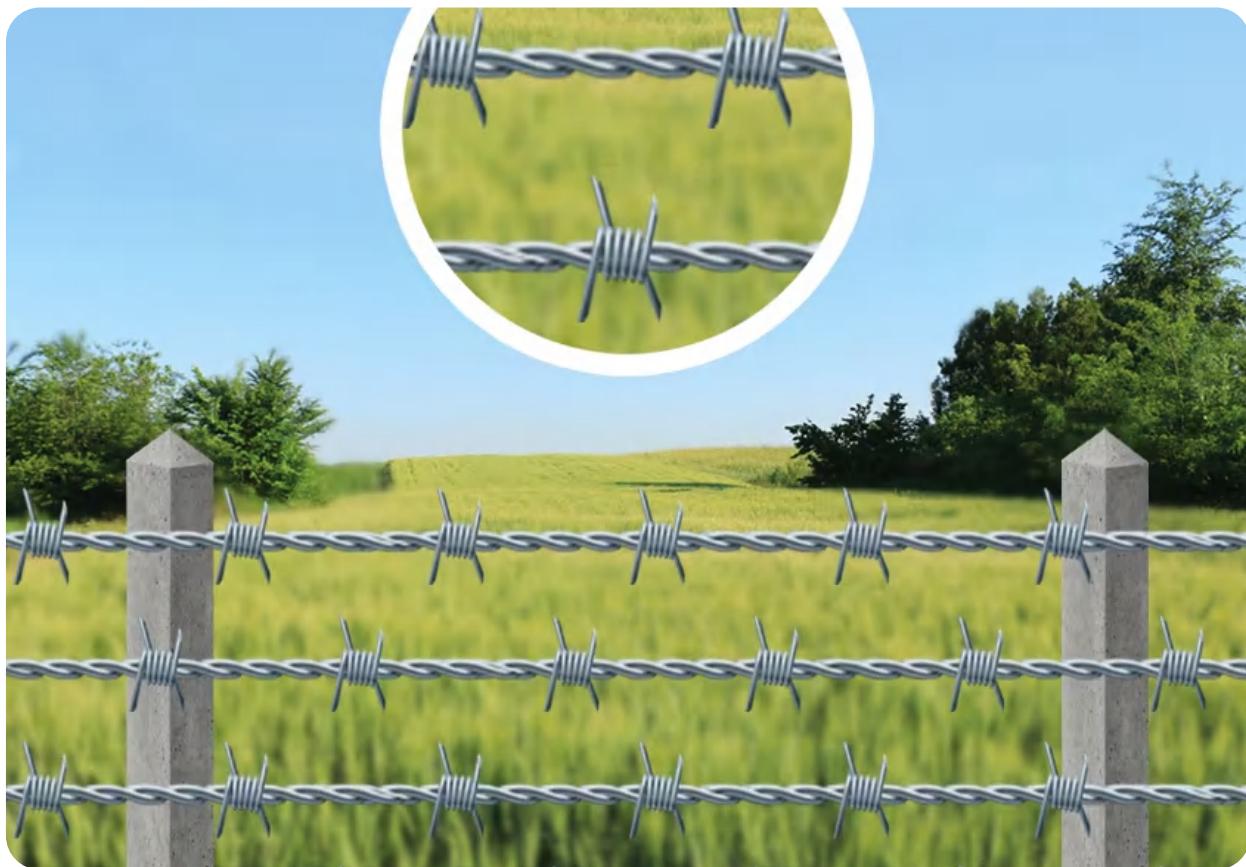
- **Military & Defense:** Securing the perimeter of temporary camps, checkpoints, and observation posts.
- **Law Enforcement:** Containing riot zones, sealing off a large crime scene, or protecting public events.
- **Critical Infrastructure:** Providing a temporary security upgrade for power substations, communication hubs, or water treatment plants.
- **Construction & Industry:** Preventing unauthorized access to hazardous work sites or protecting high-value equipment and materials.
- **Border Security:** Quickly plugging gaps or establishing temporary control points along a border.



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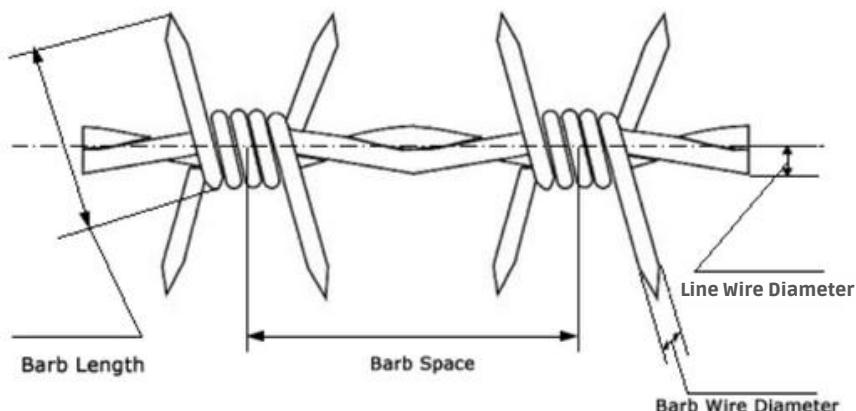
RT Barbed Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM



Description

RT Barbed wire, also known as barb wire, is a type of steel fencing wire constructed with sharp edges or points arranged at intervals along the strands. It is used to construct inexpensive fences and is used at top walls surrounding secured property. It is also a major feature of the fortifications in trench warfare. Its unique structural design makes it both economical and intimidating, becoming an indispensable infrastructure in modern security systems.



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RT Barbed Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Classification way 1: Different Surface Treatment



Hot dip galvanising
barbed wire



PVC coated
barbed wire



Stainless steel
barbed wire

Classification way 2: Different Line Wire Number



Single line wire



Double line wire

Classification way 3: Different Twisting



Positive twisting
barbed wire



Reverse twisting
barbed wire

RT Barbed Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Wire Gauge	10# x 12#, 12# x 12#, 12# x 14#, 14# x 14#, 14# x 16#, 16# x 16#, 16# x 18#
Finish	Electric-galvanizing, Hot dip galvanizing, PVC coating, PE coating,Stainless Steel
Barb Distance	5cm, 8cm, 10cm, 12cm, 15cm
Barb Length	1.5-3.0cm
Knot Technology	Positive twisting, Reverse twisting
Roll Length	200~250m /roll
Roll Weight	20~25 kg /roll
Package	Pallet or bulk package, with or without a handle
Post	Hooked circular post, U-shaped post, T-post, Y-post, Wooden post
Installation	Install separately, Install in combination with other fences

Galvanization Options

- 40 g/m² (6 µm)
- 100 g/m² (14 µm)
- 270 g/m² (38 µm)

PVC coating

- 0.8~1.0 mm

Extra Package Options



with handle



with wooden support



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RT Barbed Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

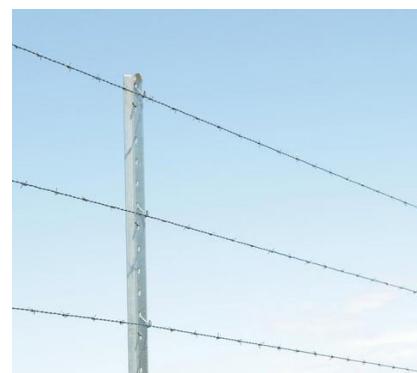
Installation Post



Y post



T post



Hooked post

RT Barbed Wire

HIGH-SECURITY DEFENSIVE MESH SYSTEM

According to actual needs, the barbed wire can be installed and applied separately or on the top of other fences.

Separate Installation



Grassland



Farm

Combined Application



With RT Chain Link Fence CL1



With RT 358 Anti-climb Fence HS1

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RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

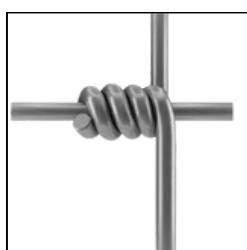


Description

RT Field Fence is a fencing system widely used in agriculture, livestock farming, and land management, primarily designed for confining livestock (such as cattle, sheep, and horses) or demarcating farmland boundaries. It is characterized by its robust structure, flexible installation, and notable impact resistance and durability.

Different Type

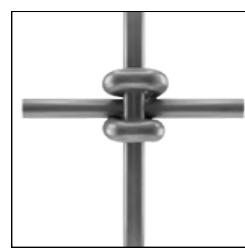
Field Fence is typically constructed from high-tensile steel wire, woven into rectangular or diamond-shaped mesh patterns, and categorized into three primary structural configurations based on distinct knot fastening methodologies.



Hinge Joint



Fixed Knot



I Knot



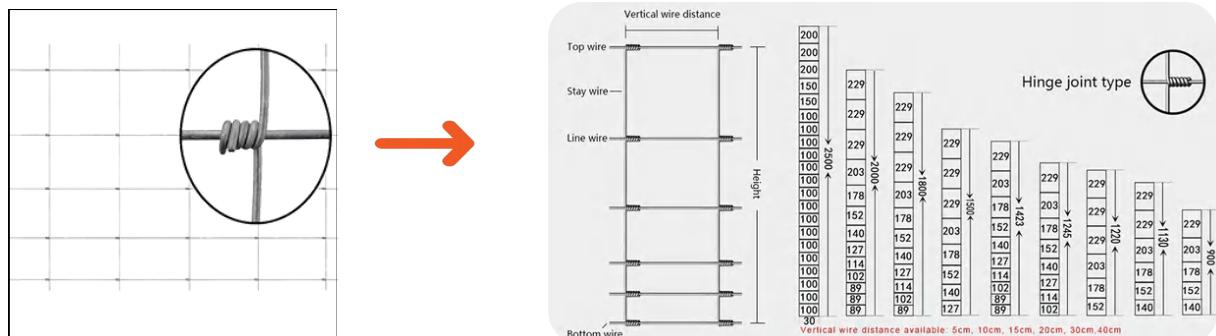
X Knot

RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

01 Hinge joint fence

Hinged joint fence, also called hinged field or cattle fence, is the most economical and widely used agricultural fencing. Its smooth-knotted design prevents animal injury while maintaining flexibility. Available in various heights for different livestock, it's typically installed with steel T/Y posts.



Height Range		High from 0.6 m to 2.45 m. Common is 1.2 m, 1.5 m and 1.8 m	
Knot Type		Hinge Joint Type	
Line Wire Diameter		1.6/2.0/2.5/3.0mm	
Top and bottom wire diameter		2.0/2.5/3.0/3.7mm	
Mesh Size		G.W(KG)	Wire Diameter(mm)
7/150/813/50	102+114+127+140+152+178	19.3	2.0/2.5mm
8/150/813/50	89(75)+89+102+114+127+140+152	20.8	2.0/2.5mm
8/150/902/50	89+102+114+127+140+152+178	21.6	2.0/2.5mm
8/150/1016/50	102+114+127+140+152+178+203	22.6	2.0/2.5mm
8/150/1143/50	114+127+140+152+178+203+229	23.6	2.0/2.5mm
9/150/991/50	89(75)+89+102+114+127+140+152+178	23.9	2.0/2.5mm
9/150/1245/50	102+114+127+140+152+178+203+229	26	2.0/2.5mm
10/150/1194/50	89(75)+89+102+114+127+140+152+178+203	27.3	2.0/2.5mm
10/150/1334/50	89+102+114+127+140+152+178+203+229	28.4	2.0/2.5mm
11/150/1422/50	89(75)+89+102+114+127+140+152+178+203+229	30.8	2.0/2.5mm



RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

Feature

- **Articulated joint design:** Incorporates hinged nodal connections permitting controlled articulation, providing engineered flexibility.
- **Dynamic impact absorption:** Engineered to dissipate kinetic energy from animal contact, significantly reducing structural failure risks.
- **Adaptive installation:** Optimized for deployment across variable terrain profiles with minimal grading requirements.

Application

- **Small ruminant containment:** Specialized fencing solutions for sheep, deer, and similar mid-sized species.
- **Rotational grazing systems:** Temporary enclosures supporting pasture management protocols.
- **Topographically challenging environments:** Effective performance on sloped or irregular terrain configurations.

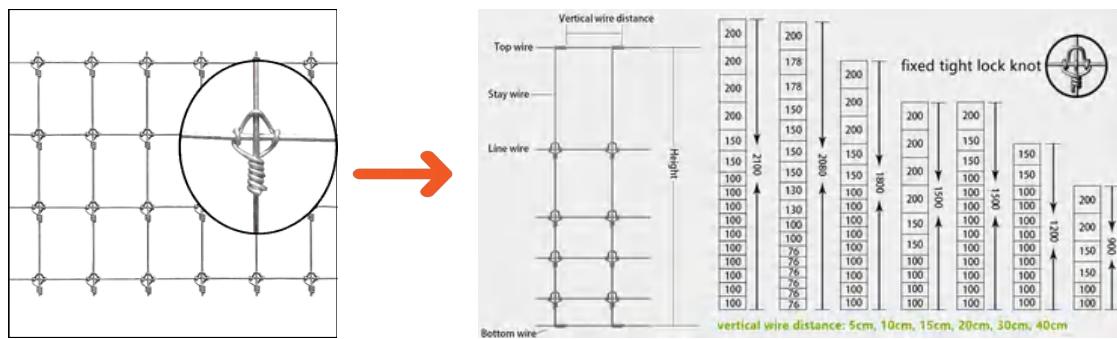


RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

02 Fixed knot fence

Fixed knot fence is a high-strength carbon steel wire mesh fence with a rigid interlocking structure. Primarily used for livestock containment (deer, horses, cattle, sheep, goats) in prairie and farm applications, this fencing features superior fabric strength that enables faster installation with fewer posts, resulting in lower overall costs and reduced maintenance compared to other wire fencing systems.



Product Technical Information

Material	High quality high carbon steel wire, Low carbon steel wire
Height Range	From 0.6m to 2.45m. Common is 1.2m, 1.5m and 1.8m <i>Customized height available</i>
Knot Type	Fixed Knot Type
Line wire diameter	1.6/2.0/2.5/3.0mm
Top and bottom wire diameter	2.0/2.5/3.0/3.7mm
Horizontal wire diameter	2.5mm, tensile strength 1100-1300N/mm ²
Vertical wire diameter	2.5mm, tensile strength 600-850N/mm ²
Knot wire diameter	2.2mm, tensile strength 400-525N/mm ²
Surface treatment	Electro galvanized fixed knot joint fencing (zinc coated: 15 g/m ²) Hot dipped galvanized fixed knot joint fencing (zinc coated:30-50 g/m ²) High hot dipped galvanized fixed knot joint fencing (zinc coated:220-280 g/m ²)

RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

Feature

- **Fixed joint design:** Welded or mechanically pressed connections at mesh intersections ensure structural stability and resistance to deformation.
- **High tensile strength:** Ideal for containing large livestock (e.g., cattle, horses) and long-term applications.
- **Impact resistance:** Maintains structural integrity even under animal impact, preventing loosening.

Application

- **High-security enclosures:** Cattle pens, equestrian facilities, and other areas requiring robust fencing.
- **Permanent pasture fencing:** Long-term livestock containment solutions.
- **Wildlife barriers:** Effective against wild boars, bears, and other large animals.



RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

Different Type Posts

01 T Post



T Post Advantage

- **Cost-Effective:** Lowest unit cost, ideal for large-scale pasture fencing projects.
- **Easy Installation:** Can be driven directly into soil without complex foundation work.

Typical Applications

- Temporary pasture enclosures
- Cattle/sheep fencing on flat terrain
- Rotational grazing systems



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RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

02

Triangular Post



Triangular Post Advantage

- **Exceptional Strength:** Triangular cross-section delivers optimal bending/torsional resistance.
- **Extreme Durability:** Withstands high-impact forces from large livestock (e.g., bison, rhinos)
- **Terrain Adaptability:** Superior stability on soft soils or slopes compared to other post types
- **Extended Service Life:** 25+ years with hot-dip galvanizing + epoxy coating

Typical Applications

- Bullfighting arenas
- Wildlife reserves/safari parks
- Border security fencing
- High-security containment areas

RT Field Fence

AGRICULTURAL & LIVESTOCK FENCING

03 Y Post



Y Post Advantage

- **Enhanced Structural Stability:** Tri-directional support design provides superior wind resistance and deformation prevention compared to T-posts
- **High Load-Bearing Capacity:** Accommodates higher-tension fencing systems, typically used with horizontal tension wires (e.g., barbed wire) for reinforced stability
- **Broad Environmental Adaptability:** Ideal for harsh climatic conditions (snow-prone/windy regions)

Typical Applications

- Permanent pasture fencing
- Equestrian facilities
- Wildlife protection barriers

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RT Holland Wire Mesh Fence



PERIMETER FENCING SYSTEM



Description

RT Holland Wire Mesh, also known as wave mesh, European fence, or wave fence, is a kind of welded wire mesh. Made of black low-carbon steel wire or galvanized wire, the surface can be sprayed with PVC PE or PP powder to form black, green, and another color of wire mesh, with a smooth appearance, excellent corrosion resistance, anti-oxidation, and other advantages.

Surface Treatment



Hot Dipped Galvanized



PVC Coated

Applications



Residential garden



Animal enclosures



Commercial properties



RT Holland Wire Mesh Fence

PERIMETER FENCING SYSTEM

Product Technical Information

Material	High quality steel wire, stainless steel wire, low carbon steel wire	
Roll Width	10m, 25m, 30m, 50m, 100m <i>Customized widths available</i>	
Roll Height	1,000 mm / 39.37 in 1,200 mm / 47.25 in 1,500 mm / 59.06 in 1,800 mm / 70.87 in 2,000 mm / 78.74 in <i>Customized heights available</i>	
Color	RAL 6005 Moss Green, RAL 6010 Grass Green <i>Customized RAL color available</i>	
Surface Treatment	Electric galvanized, hot-dipped galvanized, pvc coated	
Wire Diameter (pre-coating/pvc-coating)	Mesh of Aperture	
	Inch	MM
2.5mm/3.0mm	4" x 4"	101.6mm x 101.6mm
2.5mm/3.0mm	4" x 3"	101.6mm x 75mm
2.0mm/2.5mm	4" x 2"	101.6mm x 50.8mm
1.9mm/2.4mm	3" x 2"	75mm x 50.8mm
1.9mm/2.4mm	2" x 2"	50.8mm x 50.8mm
1.9mm/2.4mm	2" x 1"	50.8mm x 25.4mm

Post Type



Swallowtail Post



Swallowtail Post Specification	
Post OD.	Φ48, Φ60
Thickness	1.5mm, 2.0mm
Surface Treatment	Galvanized or powder coated or pvc coated
Length	On the basis of roll height



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RT Holland Wire Mesh Fence

PERIMETER FENCING SYSTEM

02

Round Post



Round Post Specification	
Post OD.	Φ48, Φ60
Thickness	1.5mm, 2.0mm
Surface Treatment	Galvanized or powder coated or pvc coated
Length	On the basis of roll height

Fence Feature

- **High-Strength Protection:** Unique wave-shaped structure enhances flexibility and deformation resistance.
- **Corrosion Resistance & Long Service Life:** Service life up to 15-20 years, suitable for harsh outdoor environments.
- **Cost-Effective Solution:** Optimized for deployment across variable terrain profiles with minimal grading requirements.
- **Easy Installation:** Snap-on fixation saves installation time.
- **Aesthetic & Transparent Design:** Mesh pattern maintains visibility, optional PVC coating colors enhance visual appeal



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RT Welded Wire Mesh Roll



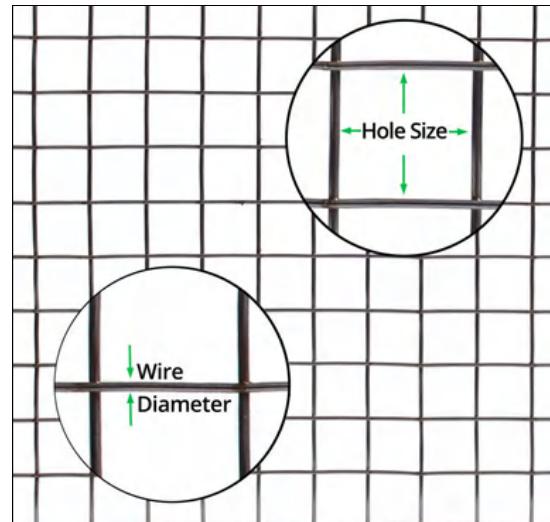
MULTI-PURPOSE WIRE MESH ROLL



Description

RT Welded Wire Mesh Roll is a versatile and durable construction material made from welded steel wires arranged in a grid pattern. It is manufactured by electrically welding longitudinal and transverse wires at their intersection points, creating a strong and uniform mesh structure. The mesh is then coiled into rolls for easy handling, transportation, and installation.

Product Details



www.rongtaifence.com

RT Welded Wire Mesh Roll

MULTI-PURPOSE WIRE MESH ROLL

Product Technical Information

Specification List of Welded Wire Mesh Roll

Opening		Wire Diameter(BWG)
In inch	In metric unit(mm)	
1/4" x 1/4"	6.4mm x 6.4mm	22, 23, 24
3/8" x 3/8"	10.6mm x 10.6mm	19, 20, 21, 22
1/2" x 1/2"	12.7mm x 12.7mm	16, 17, 18, 19, 20, 21, 22, 23
5/8" x 5/8"	16mm x 16mm	18, 19, 20, 21
3/4" x 3/4"	19.1mm x 19.1mm	16, 17, 18, 19, 20, 21
1" x 1/2"	25.4mm x 12.7mm	16, 17, 18, 19, 20, 21
1-1/2" x 1-1/2"	38mm x 38mm	14, 15, 16, 17, 18, 19
1" x 2"	25.4mm x 50.8mm	14, 15, 16
2" x 2"	50.8mm x 50.8mm	12, 13, 14, 15
2" x 4"	50.8mm x 101.6mm	12, 13, 14, 15
4" x 4"	101.6mm x 101.6mm	12, 13, 14, 15
4" x 6"	101.6mm x 152.4mm	12, 13, 14, 15
6" x 6"	152.4mm x 152.4mm	12, 13, 14, 15
6" x 8"	152.4mm x 203.2mm	12, 13, 14

Roll width: 0.4M to 2M,

Roll lengt: 5M, 10M, 25M, 30M, 50M.etc

Material: Galvanized, PVC coating, Stainless steel wire



RT Welded Wire Mesh Roll

MULTI-PURPOSE WIRE MESH ROLL

Hole sizes explained:

- 25.4mm is 1" holes are perfect for small animal's enclosures, hutches, cages, chicken coops and rabbit runs.
- 50.8mm is 2" holes are perfect for creating fencing for larger animals such as dogs.



12.5x12.5mm



25.4x25.4mm



50x50mm

Applications

Welded wire mesh rolls are widely used in multiple fields such as **construction, agriculture, industry, and home furnishing**. In construction and engineering, it is used for **concrete reinforcement, wall plastering and construction site fencing**. In agriculture and animal husbandry, it can be used as **livestock and poultry cages, orchard protective nets or aquaculture cages**. In the industrial field, it is often used for **shelf layering, mechanical protection and filtration screening**.



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety. Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources. For additional information or technical support, please contact us at support@rongtaimetal.com.

RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCING SYSTEM



Description

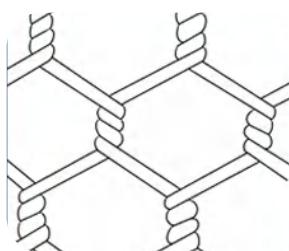
RT Hexagonal wire mesh roll is a hexagonal metal mesh made of steel wire twisted in pairs, with various mesh sizes and wire diameters. It has the characteristics of flexible structure, strong water permeability, impact resistance, corrosion resistance, etc., and can be PVC coated to enhance weather resistance. It is mainly used for river slope protection/retaining wall (gabion box filling), roadbed and mine protection, and garden landscape fence.

Types of Surface Treatment

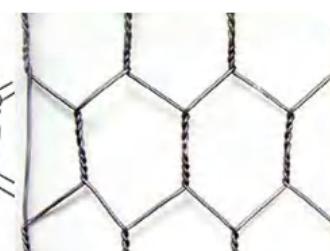
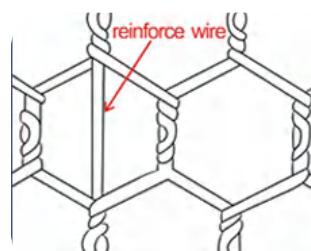
According to the manufacturing method, it can be divided into:

1. **Electro-galvanized** before weaving/after weaving: **has a smoother surface and is cheaper.**
2. **Hot-dip galvanized** before weaving/ after weaving: **the most durable**
3. **PVC Coated Mesh:** Pay more attention to **aesthetics and durability.**
(The galvanized wire mesh before weaving uses **galvanized metal wire** as raw material, which has better **anti-rust** and **anti-corrosion** properties.)

Weaving Method



Continuous twist



Double-direction twist

RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCEING SYSTEM

Product Technical Information

Material	Carbon Steel, Stainless Steel, Galvanized Steel, PVC coated wire.
Opening Size	3/8" – 4"
Roll Length	5 – 50 m or as per your requirements
Roll Height (m)	0.50/0.60/0.80/1.00/1.20/1.50/1.80/2.00
Weave Method	Continuous twist, Double-direction twist
Surface Treatment	Hot-dip galvanizing, Electro-galvanizing, Galfan coating, PVC coating, etc.
Surface Coating Option	Option1: Surface coating before woven Option2: Surface coating after woven
Color	Silver, Yellow, Blue, Red, Etc

Features

- ✓ **High strength:** The material is low-carbon steel wire and galvanized wire, which gives the hexagonal mesh good strength and durability.
- ✓ **High corrosion resistance:** The surface is galvanized to greatly enhance the anti-corrosion and anti-oxidation ability of the hexagonal mesh.
- ✓ **Simple and economical construction:** Easy installation. Just lay the mesh flat where it needs protection or reinforcement. Low cost and economical.
- ✓ **Strong deformation ability:** Its flexibility and deformation ability make it have better stability in the face of natural disasters such as floods and landslides.
- ✓ **Beautiful:** The surface of the galvanized hexagonal mesh is silver, and different colors of PVC coating layers can be selected .
- ✓ **Versatility:** It can be used for building wall fixing, insulation, and heat insulation; landscaping protection, residential protection; isolation of various poultry; gabion nets to protect river embankments, rockfall nets to protect hillsides, etc.



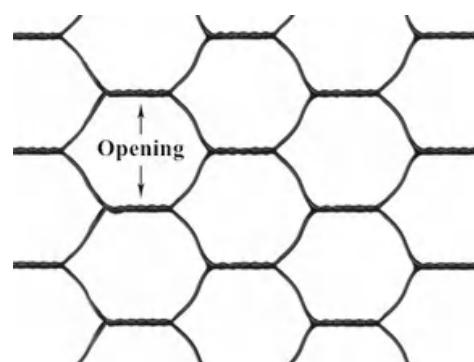
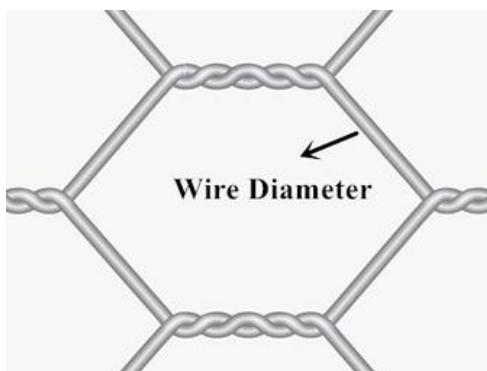
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RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCEING SYSTEM

Product Technical Information

The wire diameter of hexagonal wire mesh is various according to the mesh apertures, for the galvanized material, the wire diameter is from 0.3mm to 2.0mm, and for the PVC coated material, the wire diameter is from 0.8mm to 2.6mm.



Mesh Size	Wire Gauge
3/8"	10mm BWG27-BWG24
1/2"	13mm BWG27 - BWG23
5/8"	16mm BWG26 - BWG22
3/4"	20mm BWG25 - BWG20
1"	25mm BWG27 - BWG19
1-1/4"	32mm BWG23 - BWG19
1-1/2"	40mm BWG23 - BWG19
2"	50mm BWG23 - BWG19
2-1/2"	65mm BWG21 - BWG19
3"	75mm BWG20 - BWG18
4 "	100mm BWG19 - BWG17

RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCEING SYSTEM

Characteristics and Applications

The choice of hexagonal wire mesh should depend on the environment and function in which it will be used. Factors such as manufacturing cost and lifespan should also be considered. It is recommended to select the material and size based on specific requirements when purchasing hexagonal wire mesh.

01 Steel Hexagonal Wire Mesh

Steel hexagonal wire mesh, also known as galvanized hexagonal wire mesh, is made from high-strength cold-drawn steel wire, electroplated, or hot-dip galvanized to give it excellent corrosion resistance, oxidation resistance, and wear resistance. Steel hexagonal wire mesh finds a wide range of applications, commonly used in gardening, water conservancy, highways, railways, truck manufacturing, mining, and more.



02 Chicken Wire Mesh

Chicken wire mesh is made from low-carbon steel wire, stainless steel wire, or iron wire and is woven mechanically into a hexagonal grid structure. Chicken wire mesh is characterized by its affordability, ease of manufacturing, and relatively short lifespan. It is often used for securing building walls, protecting windows, in poultry farms, poultry cages, aviaries, and similar locations.



RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCEING SYSTEM

03 Stainless Steel Hexagonal Wire Mesh

Stainless steel hexagonal wire mesh is a type of stainless steel wire mesh. It is made from 304, 316, and other grades of stainless steel wire. Its features include excellent corrosion resistance, long lifespan, and an attractive appearance, albeit at a relatively higher price point. Therefore, stainless steel hexagonal wire mesh is frequently used in high-end construction enclosures, electronic component workshops, food processing plants, mechanical manufacturing plants, and other upscale locations.



04 PVC Hexagonal Wire Mesh

PVC hexagonal wire mesh is created by spraying PVC plastic onto iron wire or galvanized wire. It offers advantages such as corrosion resistance, rust resistance, aesthetics, and ease of use. This material is widely used in landscaping, mining, construction, urban roads, and various other fields.



05 Aluminum-Plated Hexagonal Wire Mesh

Aluminum-plated hexagonal wire mesh employs an aluminum plating process to coat the surface of the steel wire with a layer of aluminum. This provides strong corrosion resistance and oxidation resistance, while also retaining the strength and hardness of steel hexagonal wire mesh. Aluminum-plated hexagonal wire mesh is often used in places such as drainage systems, bridges, petrochemical plants, and more.



RT Hexagonal Wire Mesh Roll

ALL-PURPOSE SECURITY FENCEING SYSTEM

Other Applications

- Protect and support seawall, hillside, road and bridge and other water and wood works.
- Anti-freezing, residential and landscaping protection.
- Fixing, heat preservation and insulation of building wall.



Slope Protection



Rockfall Netting



Garden Fence



Plant Cloth

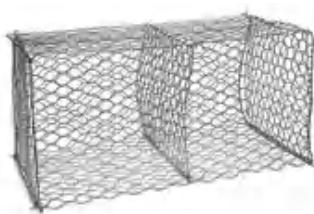
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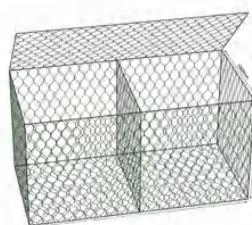
Description

RT Woven Hexagonal Gabion Mesh also named gabion basket and gabion box, is weaved by corrosion resistance, high strength and good ductility galvanized wire or PVC coating wire through mechanical. Gabion box are stone containers, uniformly partitioned into internal cells, interconnected with other containers and filled with stone at site to form flexible, permeable, monolithic structures to control and guide water or flood, protect dam or seawall, or used as retaining walls, channel lining and other applications.

Surface Treatment

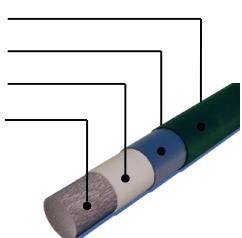


Hot Dipped Galvanized



PVC Coated

Polyester Coating | Akzu
Zinc/Galfan Galvanization
Phosphating Membrane
Steel Core Wire (4.0mm)

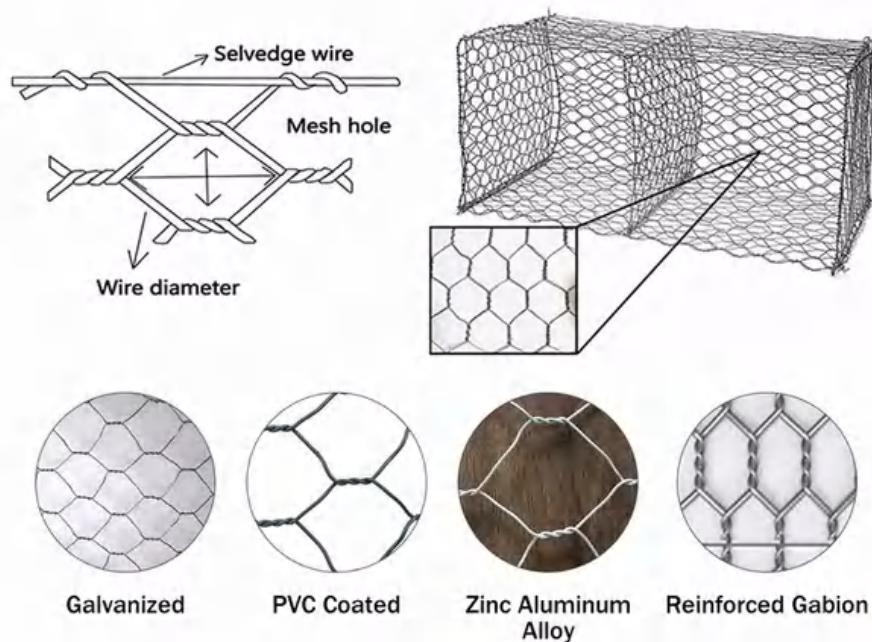


RT Woven Hexagonal Gabion Mesh

CIVIL & HYDRAULIC ENGINEERING MESH SOLUTION

Product Technical Information

<u>Specification of Gabion Mesh</u>								
Material	Gabion Size(m)	Mesh Hole (mm)	Wire Diameter(mm) Hot dip galvanising			Wire Diameter(mm) Pvc coating		
			Mesh Wire	Selvedge Wire	Lace Wire	Mesh Wire	Selvedge Wire	Lace Wire
1. Galvanizing	2*1*0.5 m							
2. Hot dip galvanizing	2*1*1 m	60*80						
3. Galfan (Zn-Al Alloy coated) wire	3*1*1 m	80*100						
4. PVC coated	4*1*2 m	100*120	2.7	3.4	2.2	3.7	4.4	3.2
	4*2*0.3 m	120*150						
	6*2*0.3 m							
	customized							



RT Woven Hexagonal Gabion Mesh

CIVIL & HYDRAULIC ENGINEERING MESH SOLUTION

Product Production Process

Woven gabion mesh is produced by drawing and coating steel wire, then weaving it into hexagonal mesh panels using double-twist machines. The panels are cut, reinforced, assembled into boxes, inspected, and packed for shipping—ideal for erosion control and retaining walls.



www.rongtaifence.com

RT Woven Hexagonal Gabion Mesh

CIVIL & HYDRAULIC ENGINEERING MESH SOLUTION

Application

- Erosion control (riverbanks, shorelines, slopes)
- Retaining walls (roadways, bridges, landscaping)
- Flood protection (dikes, weirs, channels)
- Civil engineering (bridge abutments, culverts)



Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

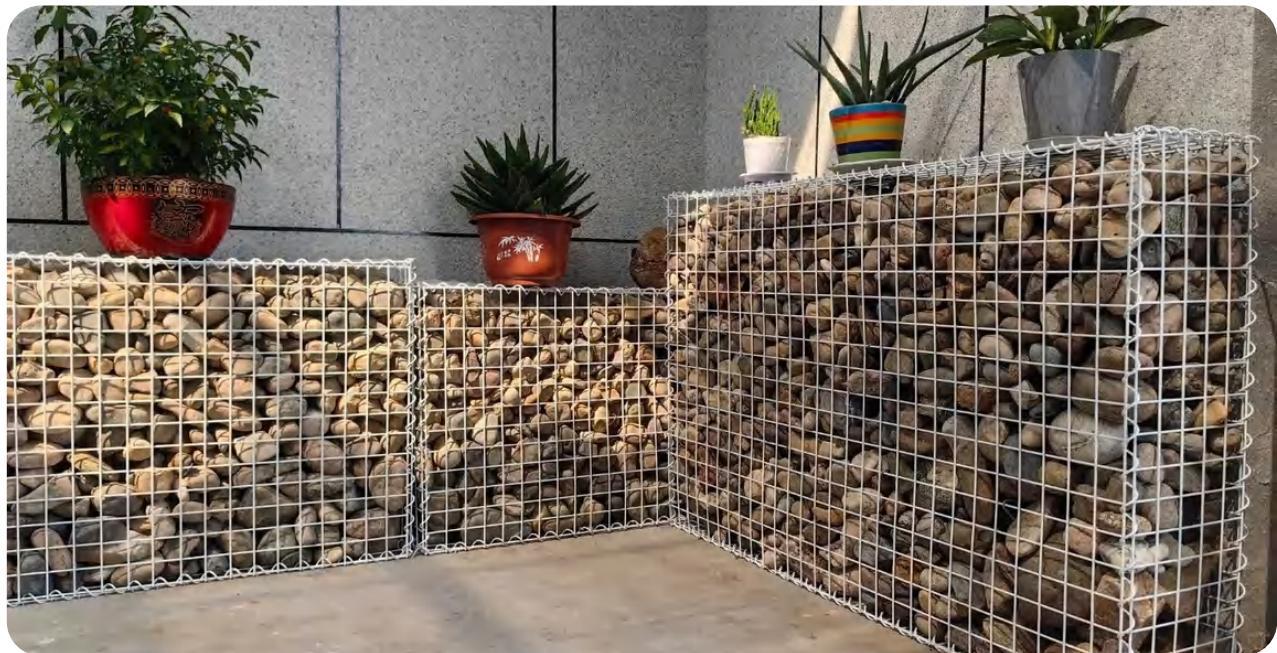
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RT Welded Gabion Mesh

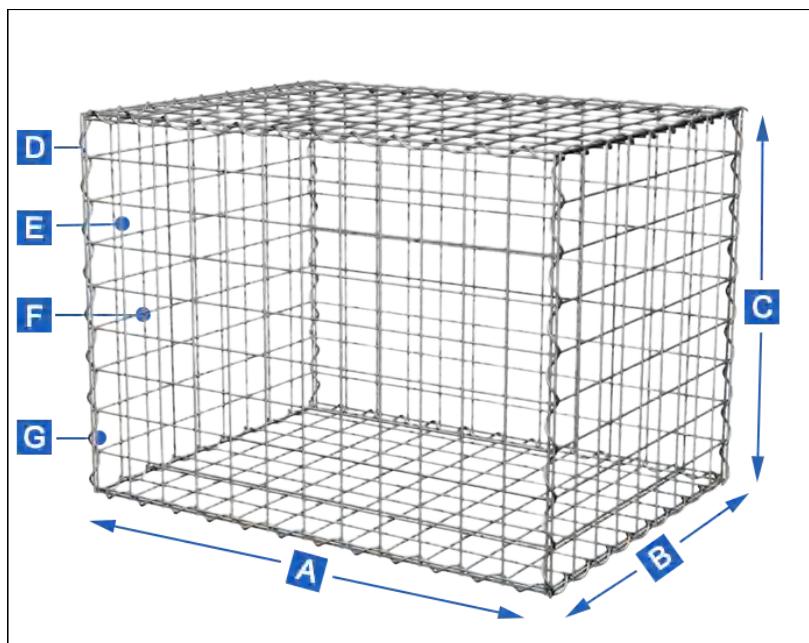


LANDSCAPE DECORATION GABION BOX



Description

RT Welded Gabion Mesh is made of welded wire mesh panel, it is assembled with a spiral-shaped wire to assemble the front and rear panels, the bottom plate and the partition after welding, and is packed together with the mesh cover. All the caged products that are folded and tied are independent individuals.



TECHNICAL SPECIFICATION

- A Length
- B Width
- C Height
- D Tie Wire
- E Wire Diameter
- F Mesh Opening
- G Connection



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RT Welded Gabion Mesh

LANDSCAPE DECORATION GABION BOX

Product Technical Information

Gabion Size(m)	Mesh Opening(mm)	Wire Diameter(mm)	Surface Treatment	Accessory (optional)
0.5x0.5x0.5	Square mesh: 50x50 75x75 100x100 150x150 Rectangle mesh: 30X50 30X80 50X80 50X100 50X150 100X200	2.0-6.0	1. Electric galvanized 2. Hot dip galvanized 3.Galfan coated 4.PVC coated	1. Spiral wire 2. Hog ring 3. U clip 4.Stiffener
1x1x0.3				
1x0.8x0.3				
1x1x0.5				
1x1x1				
2x1x0.3				
2x1x0.5				
2x1x1				
3x1x1				
4x1x1				

Extra Color Options



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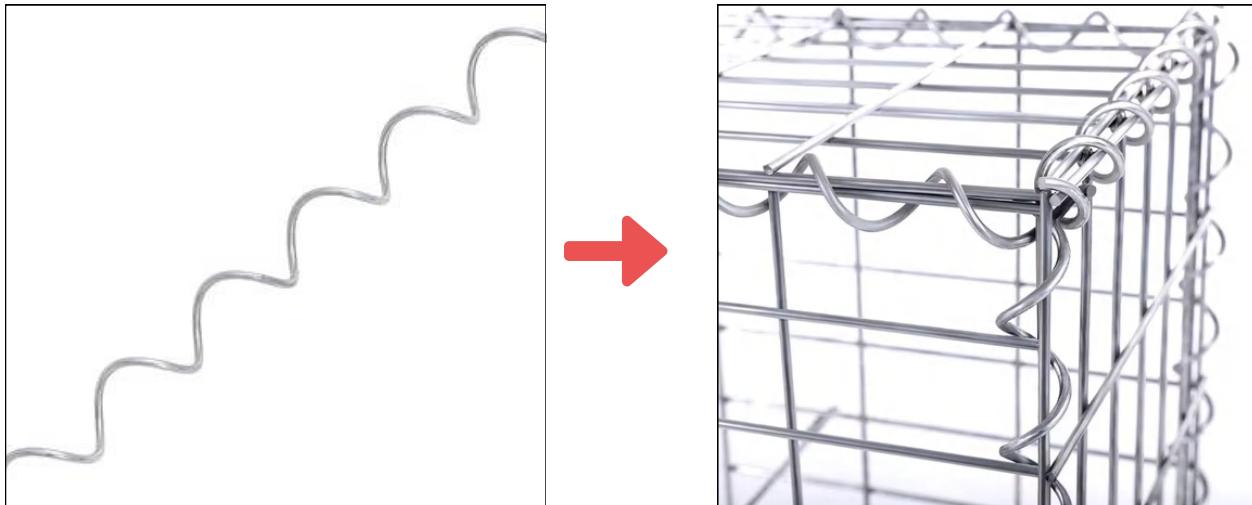
RT Welded Gabion Mesh

LANDSCAPE DECORATION GABION BOX

Connection Accessories

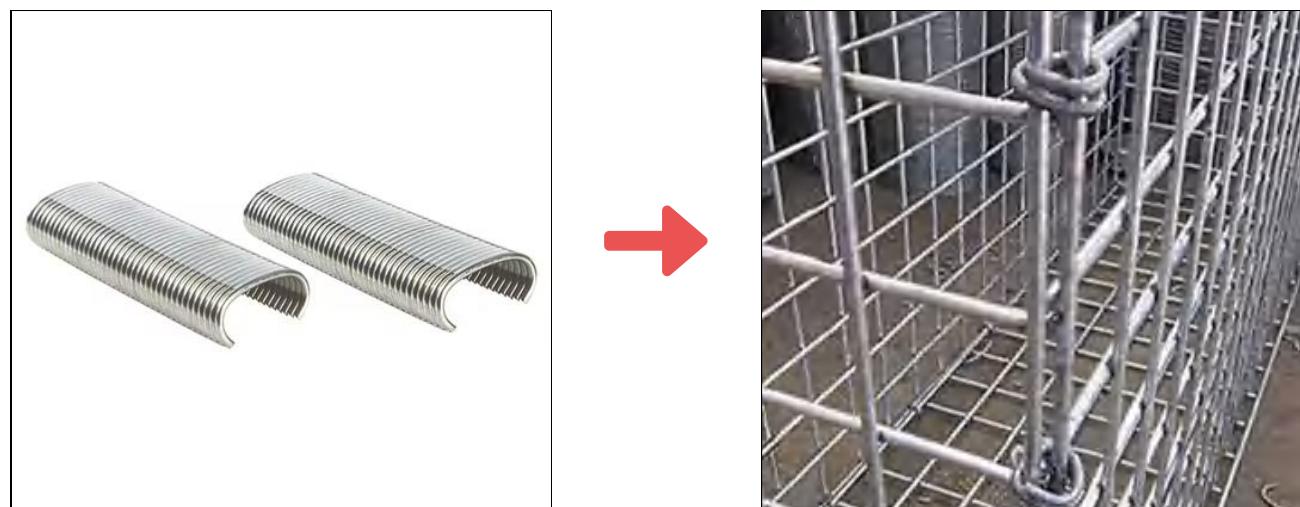
1. Spiral Wire Connection

Spiral wire joints are considered the commonest yet strongest connectors.



2. Hog Ring Connection

Hog rings, also known as C rings, are the second choice after spiral joints.



RT Welded Gabion Mesh

LANDSCAPE DECORATION GABION BOX

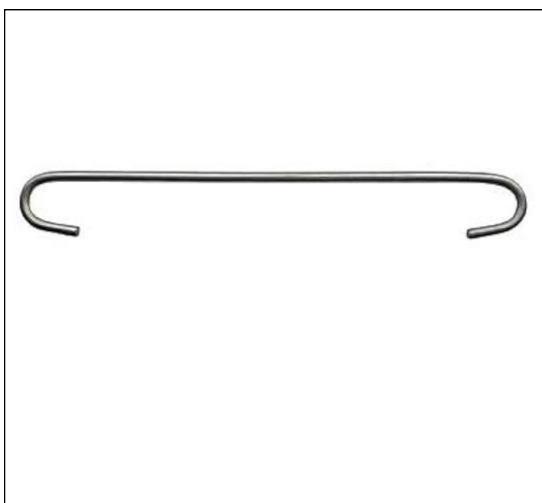
3. U Clip Connection

U clips, made of stainless steel, are ideal for connecting gabion panels to make a decorative cage.



4. Stiffener Connection

Gabion stiffeners, also known as gabion spacer, are designed to be placed in every corner to reinforce gabion cages.



RT Welded Gabion Mesh

LANDSCAPE DECORATION GABION BOX

Application

RT Welded Gabion Mesh is often used in retaining walls and slope protection projects in landscaping, as well as ecological reinforcement of rivers and dams. It is also applicable to decorative fences and flower bed edges in urban landscape design, combining functionality and aesthetics.



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RT Defensive Bastion

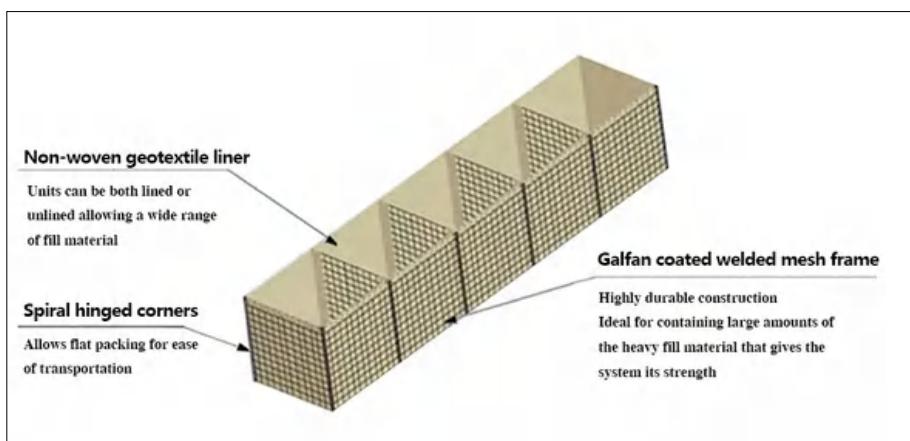
FAST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM



Description

RT Defensive Bastion is a rapidly deployable barrier system made of a wire mesh container and a heavy-duty fabric liner, often used for flood control and military fortifications. Specifications include materials like high-strength steel wire, galvanized or galfan coated, and a non-woven polypropylene geotextile liner. Dimensions and weights vary depending on the specific model and application.

Product Detail



www.rongtaifence.com

RT Defensive Bastion

FOST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. Secured by design
Material	High-strength, galvanized or galfan-coated carbon steel wire
Mesh Size	50mm x 50mm, 75mmx75mm, 76.2mm x 76.2mm, 100mm x 100mm
Wire Diameter	3mm, 4mm, 5mm, 6mm
Spiral Wire	4mm,5mm
Typical Dimensions (MIL Units)	Lengths can range from 10ft to 100ft or more, with heights and widths varying depending on the model (e.g., 54" x 42" x 32'9" or 87" x 84" x 91').
Fill Material	Sand, Gravel, Earth
Geotextile Material	Heavyduty, non-woven, UV-resistant polypropylene fabric
Geotextile Type	Flame Retardant Geotextile, Non-Flame Retardant Geotextile
Geotextile Color	Beige, Green, Grey, White
Geotextile Weight	250~600g/m ²

Installation

The Bastions are easily installed using basic tools and manpower. Units can be extended by joining with provided pins and filled with locally available materials such as sand, gravel, or soil. This turns the bastion into a sturdy defense structure that can be quickly erected and dismantled as needed.

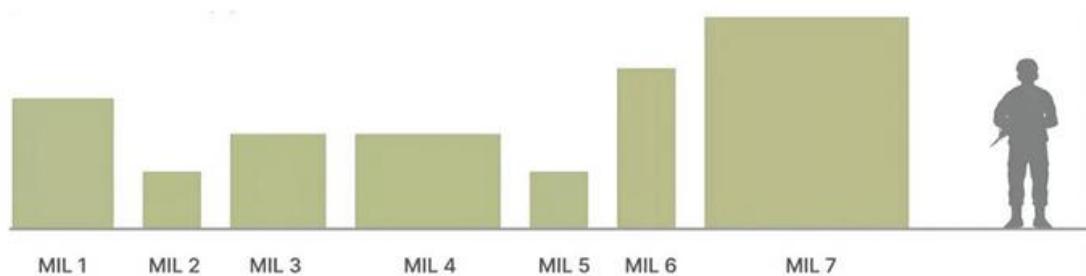


RT Defensive Bastion

HOST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM

Product Dimension

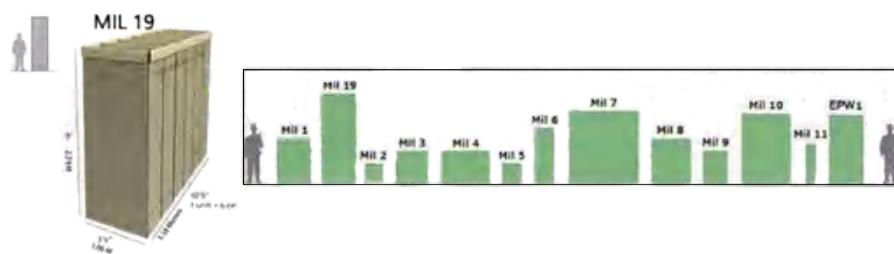
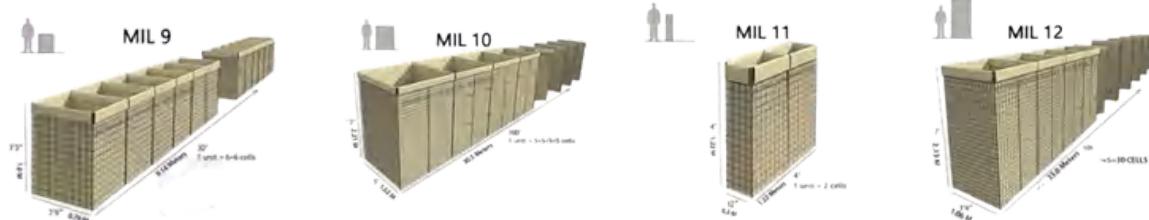
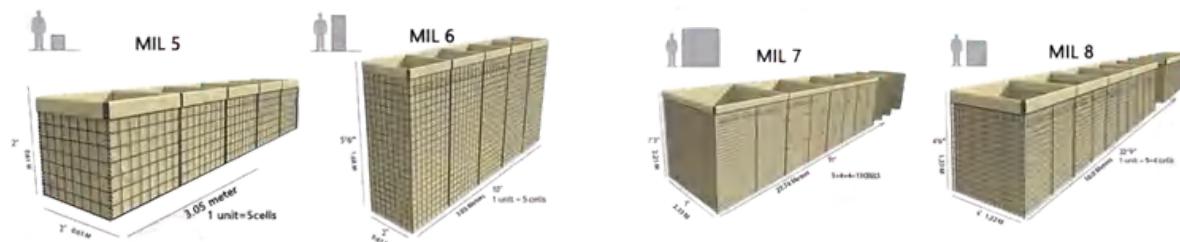
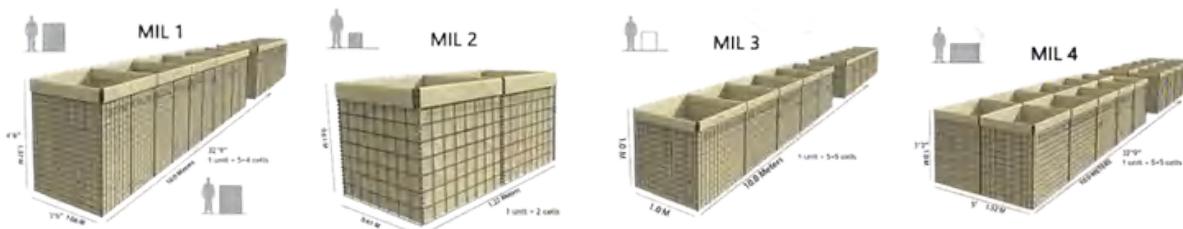
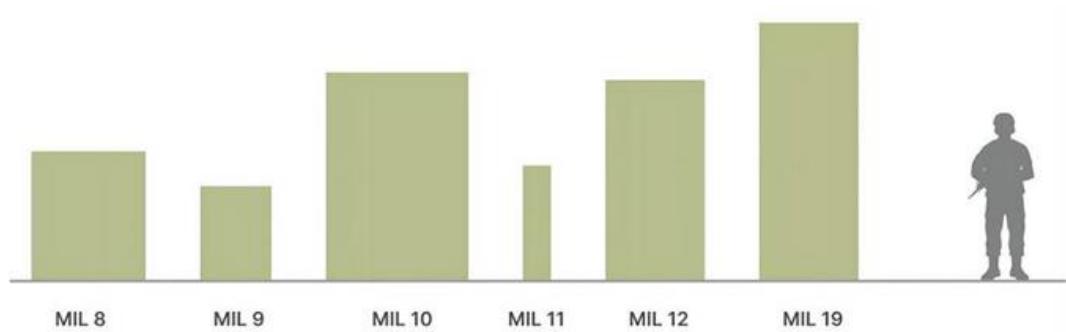
Standard sizes	Height	Width	length	Cells
MIL1	54"(1.37m)	42"(1.06m)	32'9"(10m)	4+5 cells
MIL2	24"(0.61m)	24"(0.61m)	4'(1.22m)	2 cells
MIL3	39"(1.00m)	39"(1.00m)	32'9"(10m)	5+5 cells
MIL4	39"(1.00m)	60"(1.52m)	32'9"(10m)	5+5 cells
MIL5	24"(0.61m)	24"(0.61m)	10'(3.05m)	5 cells
MIL6	66"(1.68m)	24"(0.61m)	10'(3.05m)	5 cells
MIL7	87"(2.21m)	84"(2.13m)	91'(27.74m)	4+4+5 cells
MIL8	54"(1.37m)	48"(1.22m)	32'9"(9.14m)	4+5 cells
MIL9	39'(1.00m)	30"(0.76m)	30'(9.14m)	6+6 cells
MIL10	87"(2.21m)	60"(1.52m)	100'(30.5m)	5+5+5+5 cells
MIL11	48"(1.22m)	12"(0.3m)	4'(1.22m)	4 cells
MIL12	84"(2.13m)	42"(1.06m)	108'(33m)	5+5+5+5+5 cells
MIL 19	108"(2.74m)	42"(1.06m)	10'5"(3.18m)	3 cells



RT Defensive Bastion

POST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM

Product Dimension



RT Defensive Bastion

HOST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM

Feature

➤ Modular & Rapid Deployment

Made of collapsible galvanized steel mesh lined with heavy-duty geotextile fabric.. Can be set up quickly (no welding or special tools needed)—just unfold, fill with sand/gravel, and stack. Interlocking design allows for custom configurations (walls, bunkers, checkpoints).

➤ High Strength & Ballistic Protection

Sand/gravel-filled design provides excellent bullet, blast, and fragmentation resistance. Used in military bases, checkpoints, and FOBs (Forward Operating Bases) for force protection. Can stop small arms fire, shrapnel, and even withstand IED blasts (depending on thickness).

➤ Versatile Applications

Military: Perimeter security, bunkers, machine gun nests, blast walls. Flood Control: Temporary levees, erosion barriers (used in hurricanes/disasters). Construction: Noise reduction, debris containment.

➤ Durable & Weather-Resistant

Galvanized steel resists rust and corrosion. UV-resistant fabric prevents degradation from sun exposure. Long lifespan even in harsh environments (desert, coastal, arctic).

➤ Reusable & Eco-Friendly

Can be emptied, folded, and redeployed elsewhere. More sustainable than concrete barriers (no permanent damage to terrain).



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RT Defensive Bastion

FOST DEPLOYED HIGH-SECURITY DEFENSIVE SYSTEM

Application

→ **Flood Control:**

Used to create temporary or permanent levees, floodwalls, and erosion control structures.

→ **Military Fortification:**

Provides protection against small arms fire, explosions, and other threats.

→ **Perimeter Security:**

Used for creating secure perimeters around facilities or camps.

→ **Other Uses:**

Can be adapted for various applications like temporary housing, storage, or landscaping.



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RT Welded Wire Mesh Panel



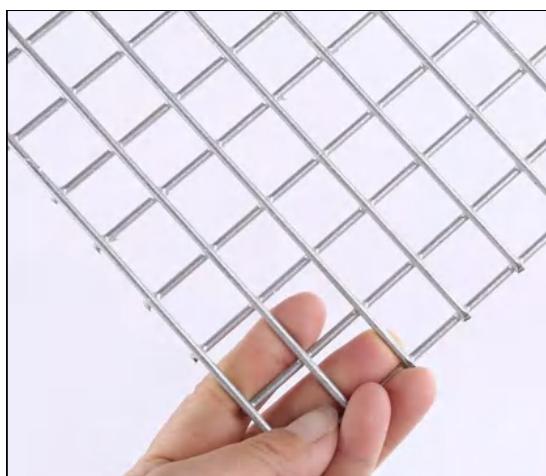
MULTI-PURPOSE WIRE MESH PANEL SYSTEM



Description

RT Welded Wire Mesh Panel is a pre-fabricated, engineered grid structure formed by welding straight, parallel wires orthogonally at every intersection using a computer-controlled resistance welding process. This creates a monolithic panel with uniform openings, known for its exceptional strength, rigidity, and versatility.

Detail



closed edge



open edge



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RT Welded Wire Mesh Panel

MULTI-PURPOSE WIRE MESH PANEL SYSTEM

Technical Information

Standard	EN 10223; GB/T 26941. <i>Secured by design</i>
Material	Low carbon steel wire, Stainless steel wire
Diameter	1.50 mm-6.0 mm (customization available)
Panel Length	0.2m-11m (customization available)
Panel Width	0.2m-2.4m (customization available)
Hole Size	1/4" , 1/2" , 3/4" , 1" , 1-1/4" , 1-1/2" , 2" , 3" , 4" 1-1/2"x2" , 2"x4" , 2"x1" , 2"x3"
Finish	Hot dip galvanising, Pvc coated, Powder coated

Hole sizes explained:



12.5x12.5mm



25.4x25.4mm



50x50mm

Feature

RT Welded Wire Mesh Panel is a pre-fabricated, engineered grid structure formed by welding straight, parallel wires orthogonally at every intersection using a computer-controlled resistance welding process. This creates a monolithic panel with uniform openings, known for its exceptional strength, rigidity, and versatility.

RT Welded Wire Mesh Panel

MULTI-PURPOSE WIRE MESH PANEL SYSTEM

Applications

- Industrial & Storage:
 - Partitions: To create secure cages, storage areas, and work cells.
 - Shelving & Racking: As decking for pallet rack shelves and storage locker bottoms.
 - Material Handling: Used in baskets, carts, and trays.
- Agricultural & Horticultural:
 - Animal Enclosures: For cages, runs, aviaries, and livestock fencing.
 - Trellising & Plant Support: For supporting growing plants in gardens and greenhouses.
- Infrastructure & Erosion Control:
 - Gabions: Large, rectangular boxes filled with stone, used for retaining walls and erosion control (typically a heavier, woven mesh).
 - Rockfall Protection: Fencing systems on slopes to catch falling rocks.



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RT Expanded Metal Mesh



MULTI-PURPOSE METAL MESH



Description

RT Expanded Metal Mesh has a diverse range of properties, which makes it a versatile material that can be used throughout a variety of industries. Expanded metal mesh is manufactured with the use of an expanding machine. Metal sheets or coils are fed through the machine to be slit and stretched simultaneously. The result is a mesh product with no joins or welds.

Forms

Expanded metal mesh comes in two forms: **Raised Mesh** and **Flattened Mesh**, which offer different properties.

01 Standard Raised Mesh

Our raised meshes are available in materials including steel, stainless steel, pre-galvanised steel, titanium, aluminium.

As well as standard raised meshes, our range of raised mesh includes heat resistant meshes, grain drying meshes, anti-dazzle meshes, laths and concrete reinforcement meshes.

Shape variations include square, hexagonal, minaret and louvre options, as well as standard expanded metal shapes.



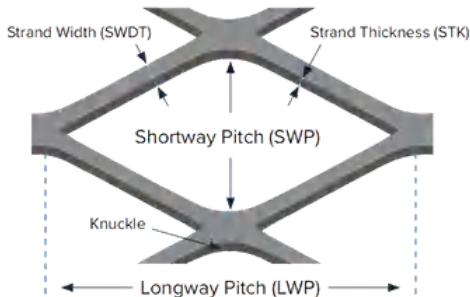
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RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

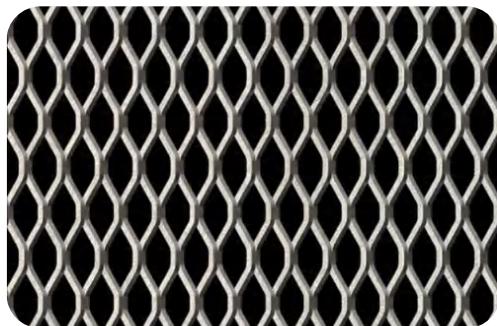
Product Technical Information

Raised metal mesh has a three-dimensional structure with small ridges, providing enhanced grip and airflow.



KEY TERMINOLOGY

- Longway Pitch (LWP)
- Shortway Pitch (SWP)
- Strand Width (SWDT)
- Strand Thickness (STK)
- Longway Mesh (LWM)
- Shortway Mesh (SWM)



Carbon/ Pre-galvanized Steel-Standard								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1/4" #20	0.25	1	0.125	0.718	0.072	0.036	0.135	45
1/4" #18	0.25	1	0.11	1.718	0.072	0.048	0.147	43
1/2" #20	0.50	1.2	0.438	0.938	0.072	0.036	0.14	80
1/2" #18	0.5	1.2	0.438	0.938	0.088	0.048	0.172	72
1/2" #16	0.50	1.2	0.375	0.938	0.087	0.06	0.175	65
1/2" #13	0.5	1.2	0.312	0.938	0.096	0.092	0.204	57
3/4" #16	0.923	2	0.813	1.75	0.101	0.06	0.21	78
3/4" #13	0.923	2	0.75	1.688	0.096	0.092	0.205	76



RT Expanded Metal Mesh

METAL SAFETY BARRIERS SYSTEM

Product Technical Information

Carbon/ Pre-galvanized Steel-Standard								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area(%)
	SWD	LWD	SWO	LWO	Width	Thickness		
3/4" #10	0.923	2	0.75	1.625	0.144	0.092	0.29	72
3/4" #9	0.923	2	0.688	1.562	0.15	0.134	0.312	68
1" #16	1.00	2.4	0.938	2.062	0.087	0.06	0.192	82
1-1/2" #18	1.33	3	1.313	2.625	0.068	0.048	0.14	90
1-1/2" #16	1.33	3	1.25	2.625	0.108	0.06	0.23	85
1-1/2" #13	1.33	3	1.188	2.5	0.105	0.092	0.202	85
1-1/2" #10	1.33	3	1.188	2.5	0.138	0.092	0.284	80
1-1/2" #9	1.33	3	1.125	2.375	0.144	0.134	0.312	76
1-1/2" #6	1.33	3	1	2.313	0.203	0.198	0.433	69
2" #10	1.85	4	1.625	3.438	0.164	0.092	0.327	82

Stainless Steel-Standard								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1/4" #18	0.25	1	0.120	0.62	0.087	0.05	0.15	30
1/2" #18	0.5	1.2	0.437	0.937	0.087	0.05	0.164	70
1/2" #16	0.5	1.2	0.437	0.937	0.087	0.062	0.164	70
1/2" #13	0.5	1.2	0.325	0.875	0.119	0.093	0.225	70
3/4" #18	0.923	2	0.812	1.75	0.106	0.05	0.2	85



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RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

Product Technical Information

Stainless Steel-Standard								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
3/4" #16	0.923	2	0.812	1.75	0.106	0.062	0.202	83
3/4" #13	0.923	2	0.75	1.687	0.107	0.093	0.202	80
3/4" #9	0.923	2	0.687	1.562	0.152	0.16	0.14	67
1-1/2" #16	1.333	3	1.25	2.75	0.115	0.062	0.222	85
1-1/2" #13	1.33	3	1.25	2.625	0.115	0.093	0.222	83
1-1/2" #9	1.333	3	1.125	2.5	0.144	0.134	0.312	76

Aluminum-Standard								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area(%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1/2" .051	0.5	1.2	0.375	0.937	0.093	0.051	0.158	65
1/2" .081	0.5	1.2	0.375	0.937	0.093	0.081	0.186	60
3/4" .051	0.923	2	0.813	1.175	0.109	0.051	0.2	78
3/4" .081	0.923	2	0.75	1.68	0.129	0.081	0.22	76
3/4" .081	0.923	2	0.75	1.68	0.165	0.081	0.3	69
3/4" .125	0.923	2	0.688	1.68	0.169	0.125	0.305	68
1-1/2" .081	1.333	3	1.188	2.5	0.128	0.081	0.24	85
1-1/2" .125	1.333	3	1.188	2.5	0.162	0.125	0.3	79



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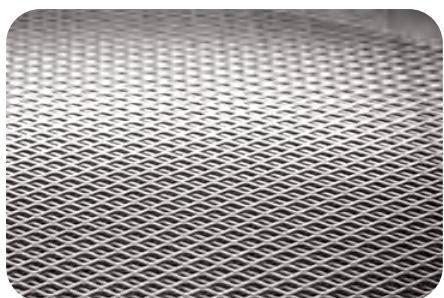
RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

02 ➤ Flattened Mesh

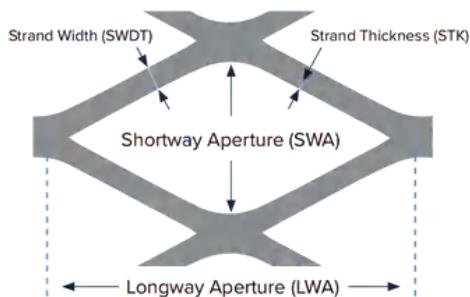
Flattened Expanded Metal is Standard Expanded Metal that has been rolled flat, resulting in a smooth, even surface of diamond-shaped openings.

This versatile product is well suited for machine guarding, security, equipment enclosures, and other applications.



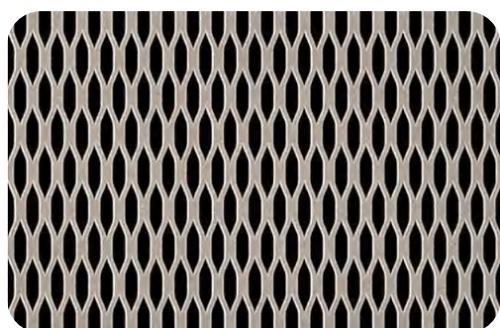
Product Technical Information

Flattened metal mesh is rolled to create a smooth, two-dimensional surface, making it easier to handle and install while maintaining structural integrity.



KEY TERMINOLOGY

- Longway Aperture (LWA)
- Shortway Aperture (SWA)
- Strand Width (SWDT)
- Strand Thickness (STK)
- Longway Mesh (LWM)
- Shortway Mesh (SWM)



Aluminum-Flattened								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area(%)
	SWD	LWD	SWO	LWO	Width	Thickness		
3/4"	0.923	2.1	0.637	1.75	0.119	0.06	0.06	74
1-1/2"	1.33	3.15	0.968	2.75	0.171	0.094	0.094	74
3/4"	0.923	2.1	0.679	1.812	0.095	0.038	0.038	80



RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

Product Technical Information

Aluminum-Flattened								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area(%)
	SWD	LWD	SWO	LWO	Width	Thickness		
3/4"	0.923	2.1	0.679	1.812	0.095	0.038	0.038	80
1/2"	0.500	1.26	0.292	1.000	0.086	0.038	0.038	66
3/4"	0.923	2.100	0.549	1.750	0.158	0.094	0.094	66
1/2"	0.500	1.260	0.290	1.000	0.096	0.060	0.060	61
3/4"	0.923	2.100	0.561	1.750	0.176	0.060	0.060	61
1-1/2"	1.330	3.150	1.044	2.750	0.136	0.060	0.060	79

Stainless Steel-Flattened								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1/2"	0.480	1.26	0.295	1.00	0.083	0.051	0.051	66
1/2"	0.480	1.26	0.315	0.955	0.083	0.041	0.041	66
3/4"	0.923	2.1	0.606	1.622	0.158	0.115	0.115	66
1/2"	0.480	1.26	0.269	0.854	0.105	0.076	0.076	56
1/2"	0.500	1.260	0.306	1.000	0.097	0.041	0.041	61
3/4"	0.923	2.100	0.667	1.653	0.101	0.076	0.076	79
3/4"	0.923	2.100	0.700	1.729	0.103	0.051	0.051	79
1-1/2"	1.330	3.200	1.085	2.613	0.114	0.076	0.076	83
1/4"	0.312	1.020	0.146	0.666	0.079	0.041	0.041	49



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RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

Product Technical Information

Stainless Steel-Flattened								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1-1/2"	1.330	3.2	1.058	2.61	0.114	0.051	0.051	84
3/4"	0.923	2.1	0.750	1.813	0.118	0.041	0.041	75
1-1/2"	1.330	3.2	0.977	2.594	0.158	0.115	0.115	76
1/2"	0.480	1.26	0.269	0.854	0.105	0.076	0.076	56
3/4"	0.923	2.100	0.606	1.622	0.158	0.115	0.115	66
3/4"	0.923	2.100	0.667	1.653	0.101	0.076	0.076	79
1/2"	0.480	1.260	0.295	1.000	0.083	0.051	0.051	66

Carbon Steel								
Specification	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
1/2"	0.5	1.26	0.304	1	0.098	0.048	0.048	61
1-1/2"	1.330	3.15	1.014	2.563	0.158	0.108	0.108	76
1/4"	0.250	1.03	0.094	0.926	0.078	0.04	0.04	40
1/2"	0.500	1.26	0.286	1.00	0.107	0.072	0.072	57
3/4"	0.923	2.1	0.711	1.781	0.106	0.072	0.072	77
1/2"	0.500	1.26	0.286	1.0	0.107	0.072	0.072	57
3/4"	0.923	2.10	0.593	1.688	0.165	0.108	0.108	64
1-1/2"	1.330	3.15	1.098	2.75	0.116	0.072	0.072	83

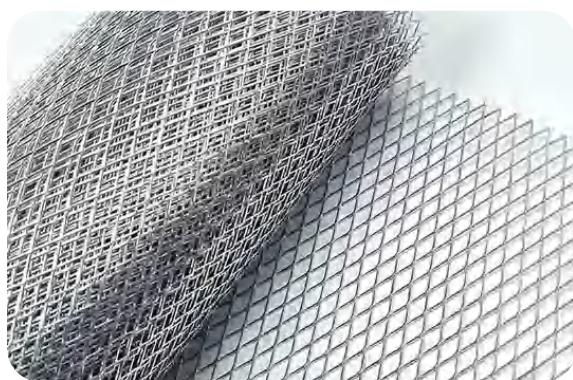
RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

Product Technical Information

Specification	Carbon Steel							
	Design Size(Inch)		Opening Strands(Inch)		Size of Strands(Inch)		Overall Thickness	Open Area (%)
	SWD	LWD	SWO	LWO	Width	Thickness		
3/4"	0.923	2.10	0.701	1.75	0.111	0.048	0.048	76
3/4"	0.923	2.10	0.732	1.693	0.111	0.048	0.048	76
1/2"	0.500	1.26	0.306	1.00	0.097	0.041	0.041	61
1/4"	0.250	1.03	0.134	0.926	0.061	0.04	0.04	54
3/4"	0.923	2.10	0.688	1.76	0.105	0.061	0.061	74
1/2"	0.575	1.23	0.347	1.00	0.103	0.074	0.074	64
1"	1.000	2.52	0.804	2.25	0.098	0.048	0.048	80

Different Type



Expanded metal roll



Expanded metal sheet

RT Expanded Metal Mesh

MULTI-PURPOSE METAL MESH

Application



Filtration and Separation: Acts as a support layer for filters in water treatment, food processing, and chemical plants.



Sunshades: Expanded metal mesh can be used as sunshades, regulating sunlight and heat.



Safety and Machine Guards: Shields operators from moving parts while allowing visibility, ventilation.



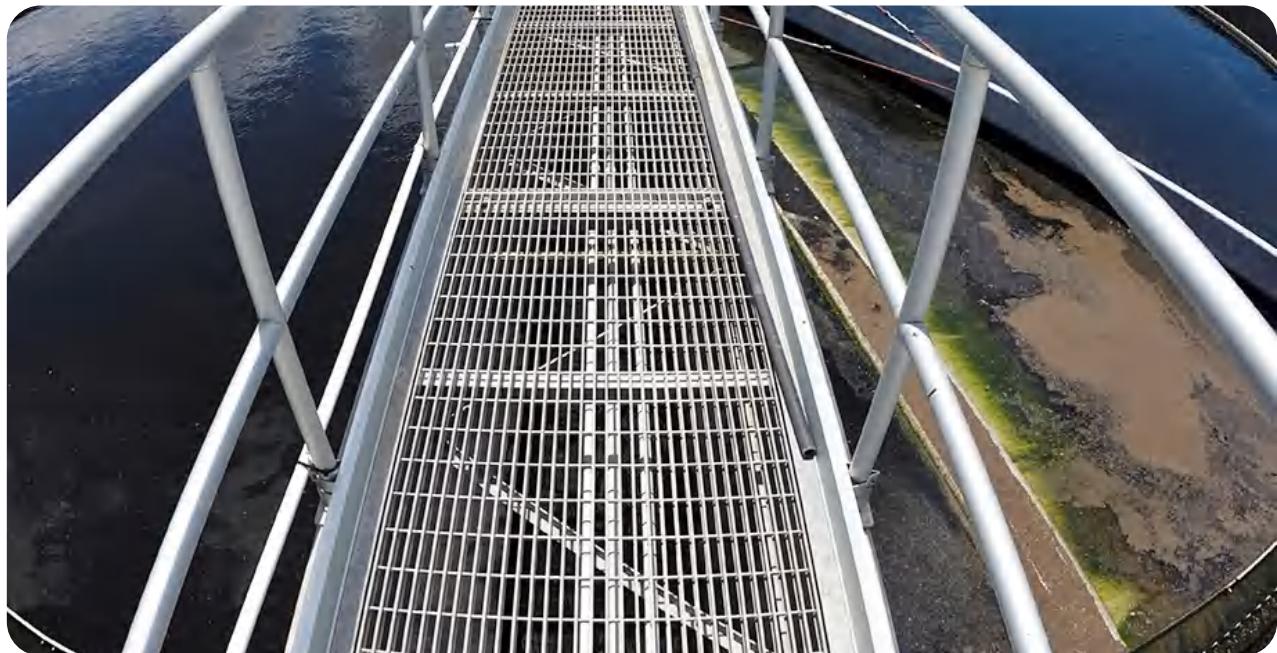
Walkways and Platforms: It provides a slip-resistant surface for walkways, platforms, and stair treads.

Packing



Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

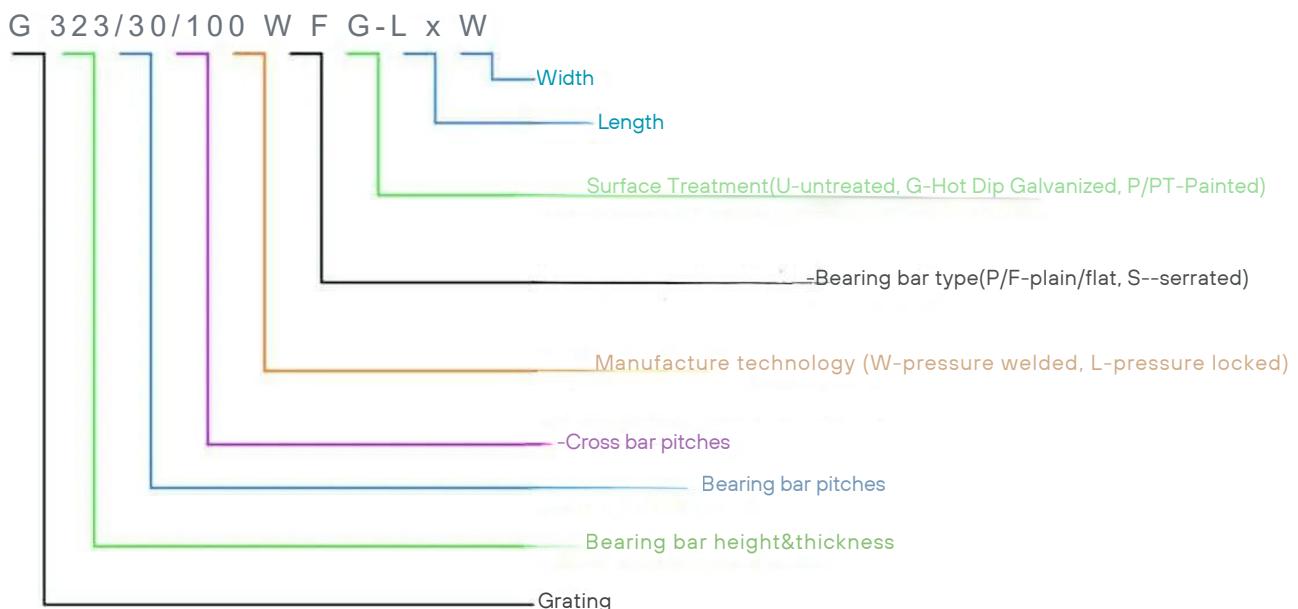
For additional information or technical support, please contact us at support@rongtaimetal.com.



Description

RT Steel grating is typically made from steel bars or flat steel that are welded or locked together to form a grid pattern. The bars are usually arranged in a parallel or perpendicular manner, creating an open grid with gaps between them. These gaps allow for the passage of air, water and light, while still providing a sturdy surface for walking or supporting heavy loads. There are different types of steel grating available, including welded steel grating, press-locked grating, riveted grating, and swage-locked grating. Each type offers unique characteristics and advantages depending on the specific application and requirements.

Marking of Steel Grating

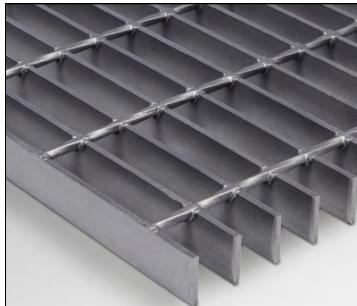


RT Steel Grating

HIGH-SECURITY FENCE PANEL SYSTEM

Different Type

- According to the type of flat steel, it can be divided into plain type, serrated type and I-type.



Plain Grating

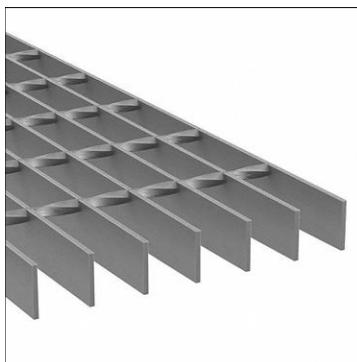


Serrated Grating

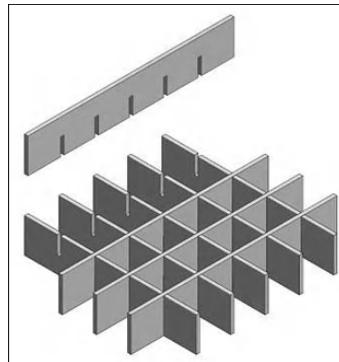


I-shape Grating

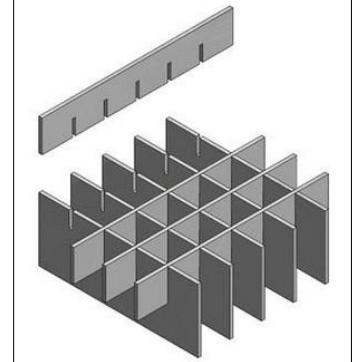
- According to the manufacturing method, it can be divided into welded type, full press-locked type and half press-locked type.



Welded Grating

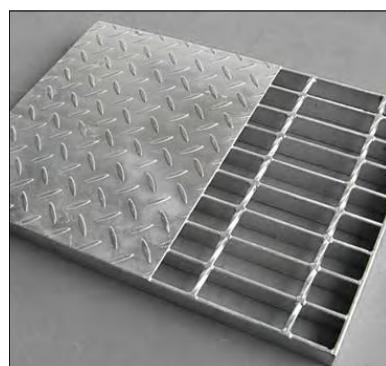


Full Press-locked Grating



Half Press-locked Grating

- Other Types



Compound Grating



Steel Grating Fence



Special-shaped Grating

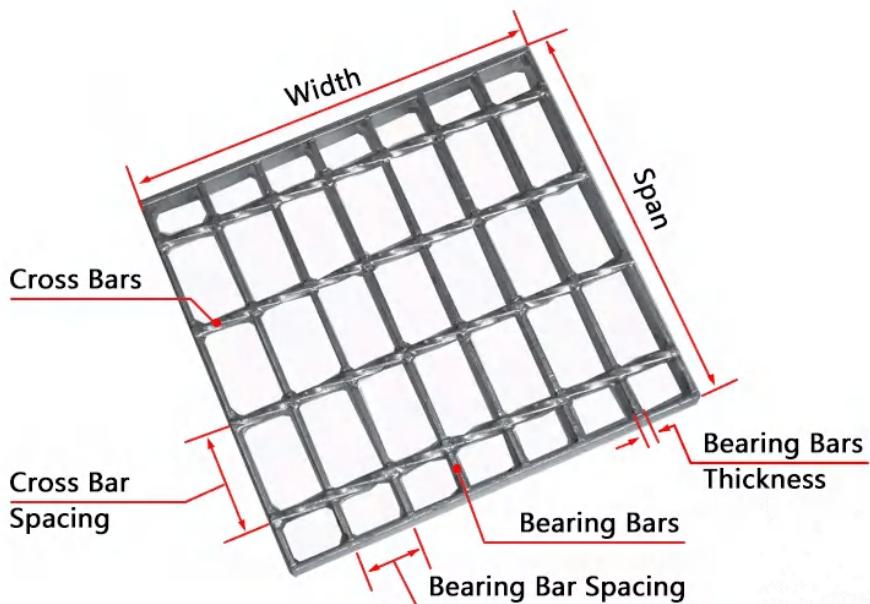
RT Steel Grating

HIGH-SECURITY FENCE PANEL SYSTEM

Product Technical Information

Standard	EN 10223; GB/T 26941. Secured by design
Material	Low carbon steel, Stainless steel, Aluminum
Bearing Bar Size (Width x Thickness)	25x3, 25x4, 25x4.5, 25x5, 30x3, 30x4, 30x4.5, 30x5, 32x5, 40x5, 50x5, 65x5, 75x6, 75x10...100 x10mm etc; I bar: 25x5x3, 30x5x3, 32x5x3, 40x5x3 etc
Bearing Bar Spacing	15, 22, 25, 30, 35, 38, 40, 50, 60, 80mm etc
Cross Bar Size	6*6, 8*8, 10*10, 12*12mm etc
Cross Bar Spacing	50, 60, 76, 80, 100, 120mm etc
Finish	Untreated(black), Hot-dipped galvanized, Painted

The cross bars are twisted steel rods that hold the bearing bars in place, providing lateral stability, and enhance slip resistance.



The bearing bars are the primary components that provide the structural strength and load-bearing capacity.



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RT Steel Grating

Application

Steel grating is widely used in various industries such as construction, industrial plants, petrochemical facilities, transportation, and infrastructure projects. It is commonly used for **walkways, platforms, stair treads, catwalks, drainage covers, trench covers, and mezzanine floors**. The versatility, strength, and durability of steel grating make it a popular choice for many applications.



Feature

- Best corrosion and rust resistance for harshest conditions.
- Can be used in offshore and oily environments as flooring or platform gratings
- Serrated or non-serrated grating for different slip resistance applications.
- Ranges of bearing loads for light to heavy duty applications as platform or walkway gratings.
- Advanced equipment and efficient production for fast delivery.

Installation must comply with BS 1722-14 standards to ensure proper implementation and safety.

Our commitment to environmental responsibility is reflected in our product design: all materials used are fully recyclable, and the entire manufacturing process is powered exclusively by certified green energy sources.

For additional information or technical support, please contact us at support@rongtaimetal.com.

RT Metal Single Gate

SECURITY FENCING SYSTEM



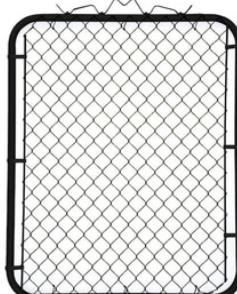
Description

RT Fence Gates are available in a variety of styles and types, combining durability, reliability, and an aesthetically pleasing design. They are highly favored by customers both domestically and internationally. We provide comprehensive custom solutions, including support for customization sizes, a wide selection of mesh sizes and wire diameters, rich RAL color coating options, and embedded installation components for various access control systems.

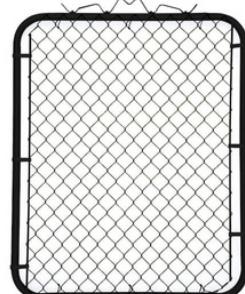
Surface Treatment



Hot Dipped Galvanized



PVC Coated



Powder Coated

Galvanization Options

- 40 g/m^2 ($6 \mu\text{m}$)
- 100 g/m^2 ($14 \mu\text{m}$)
- 270 g/m^2 ($38 \mu\text{m}$)

Polyvinyl Chloride Coating

Zinc/Galfan Galvanization

Phosphating Membrane

Steel Core Wire

Common Color Options



RAL 6005
Moss Green



RAL 9005
Jet Black

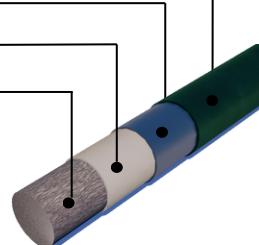


RAL 9003
Signal White



RAL 7001
Silver Grey

Any RAL color customizable



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RT Metal Single Gate

SECURITY FENCING SYSTEM

Types of Single Gate

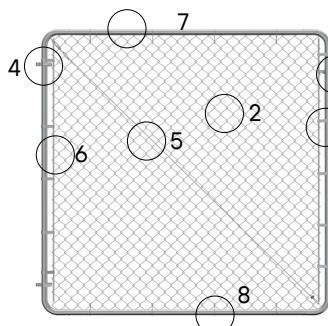
1- Chain link mesh gate



Product Technical Information

Chain link mesh single gate	
Gate Length	1m-1.5m <i>Customized lengths available</i>
Gate Height	1.5m-2.5m <i>Customized heights available</i>
Frame Dimension	Ø32x2mm; Ø42x2mm; Ø48x2mm; Other dimensions customizable
Gate post Dimension	Ø48x2mm; Ø60x2mm; Ø75x2mm; Other dimensions customizable
<i>Other information such as wire diameter, mesh size.etc is according to information of fence</i>	

Accessories of Gate



- 1-Strike Plate
- 2-Chain link mesh
- 3-Clip
- 4-Female Gate Hinge
- 5-Truss rod
- 6-Steel bar/steel plate
- 7-Rail pipe
- 8-Tie wire

Features

- **Flexible** - Handles impact
- **Durable** - Rust-resistant coating
- **Transparent & Ventilated** - Allows light/air

Application



factories, schools, and residential areas



Livestock Enclosures



Sports Venues



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RT Metal Single Gate

SECURITY FENCING SYSTEM

2- Welded Wire Mesh Gate

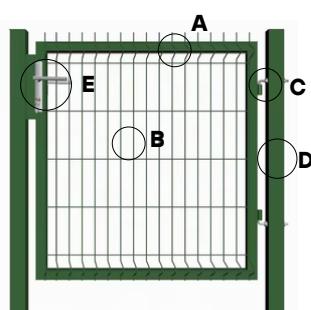


Product Technical Information

Welded wire mesh single gate	
Gate Length	1m-1.5m <i>Customized lengths available</i>
Gate Height	1.5m-2.5m <i>Customized heights available</i>
Frame Dimension	40*40*2mm, 50*50*2mm Other dimensions customizable
Gate post Dimension	60*60*2.5mm, 75*75*2.5mm, 89*89*2.5mm Other dimensions customizable
<i>Other information such as wire diameter, mesh size.etc is according to information of fence</i>	

Features

Accessories of Gate



A-Frame pipe
B-Mesh panel
C-Hinge
D-Post
E-Lock

Application



High-Security Data Centers



Livestock Enclosures



Sports Venues



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RT Metal Single Gate

SECURITY FENCING SYSTEM

3- Wrought Iron Gate



Product Technical Information

Wrought Iron Fence Gate	
Gate Length	1m-1.5m <i>Customized lengths available</i>
Gate Height	1.5m-2.0m <i>Customized heights available</i>
Tube Dimension	Cross tube: 32*32mm, 40*40mm, 45*45mm Vertical tube: 16*16mm, 19*19mm, 25*25mm Other dimensions customizable
Gate post Dimension	50*50*2mm, 60*60*2.5mm, 75*75*2.5mm Other dimensions customizable
<i>Other information such as wire diameter, mesh size.etc is according to information of fence</i>	

Features

- High Strength & Anti-Rust**
Hot-dip galvanized + electrostatic coating, excellent corrosion resistance.
- Modular Design**
Bolt-assembled structure, easy transport and installation.
- Aesthetic & Eco-Friendly**
Smooth surface, multiple color options (RAL standard).
- Applications**
Residential communities, villas, schools, urban landscapes.

RT Metal Single Gate

SECURITY FENCING SYSTEM

4- Decorative Gate



Product Technical Information

Decorative Gate	
Gate Length	1m-1.5m <i>Customized lengths available</i>
Gate Height	1.5m-2.0m <i>Customized heights available</i>
Gate post Dimension	50*50*2mm, 60*60*2.5mm, 75*75*2.5mm Other dimensions customizable
Material of Gate	Stainless Steel(304 or 316); Aluminum Alloy(surface treatment: painting); Steel(surface treatment: galvanized or powder coating)
<i>Decorative gate will be produced according to customer's requirements</i>	

Features

- Artistic Design**
Openwork patterns (e.g., geometric, floral styles) combining aesthetics and enclosure.
- Durable Material**
Stainless steel or powder-coated finish for corrosion resistance and elegance.
- Transparent & Lightweight**
Maintains visibility and airflow while enhancing visual appeal.
- High Customization**
Tailored patterns, sizes, and colors to suit architectural themes.
- Application**
Hotels, luxury residences, commercial spaces, and landscape projects.

RT Metal Double Gate

SECURITY FENCING SYSTEM



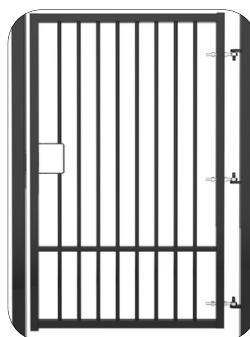
Description

RT fence gates are available in a variety of styles and types, combining durability, reliability, and an aesthetically pleasing design. They are highly favored by customers both domestically and internationally. We provide comprehensive custom solutions, including support for customization sizes, a wide selection of mesh sizes and wire diameters, rich RAL color coating options, and embedded installation components for various access control systems.

Surface Treatment



Hot Dipped Galvanized



PVC Coated



Powder Coated

Galvanization Options

- 40 g/m^2 (6 μm)
- 100 g/m^2 (14 μm)
- 270 g/m^2 (38 μm)

Polyvinyl Chloride Coating

Zinc/Galfan Galvanization

Phosphating Membrane

Steel Core Wire

Common Color Options



RAL 6005
Moss Green



RAL 9005
Jet Black

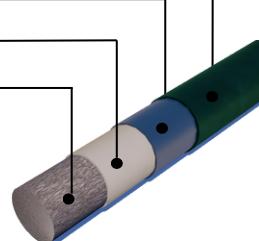


RAL 9003
Signal White



RAL 7001
Silver Grey

Any RAL color customizable



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RT Metal Double Gate

SECURITY FENCING SYSTEM

Types of Double Gate

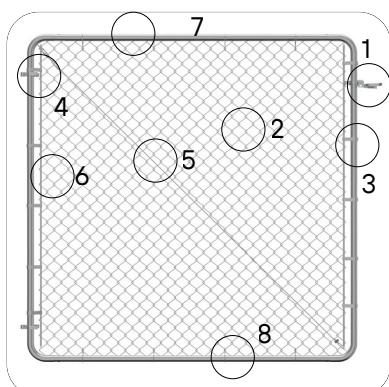
1- Chain link mesh gate



Product Technical Information

Chain link mesh double gate	
Gate Length	2-6m <i>Customized lengths available</i>
Gate Height	1.5m-2.5m <i>Customized heights available</i>
Frame Dimension	Ø32x2mm; Ø42x2mm; Ø48x2mm; Other dimensions customizable
Gate post Dimension	Ø48x2mm; Ø60x2mm; Ø75x2mm; Other dimensions customizable
<i>Other information such as wire diameter, mesh size.etc is according to information of fence</i>	

Accessories of Gate



- 1-Strike Plate
- 2-Chain link mesh
- 3-Clip
- 4-Female Gate Hinge
- 5-Truss rod
- 6-Steel bar/steel plate
- 7-Rail pipe
- 8-Tie wire

Features

- Flexible** - Handles impact
- Durable** - Rust-resistant coating
- Transparent & Ventilated** - Allows light/air

Application



factories, schools, and residential areas



Livestock Enclosures



Sports Venues

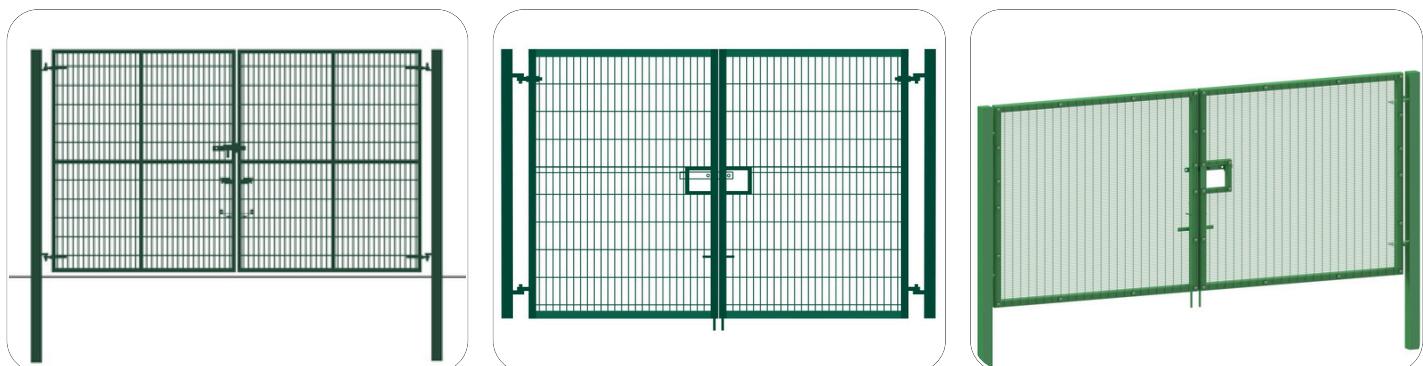


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RT Metal Double Gate

SECURITY FENCING SYSTEM

2- Welded Wire Mesh Gate

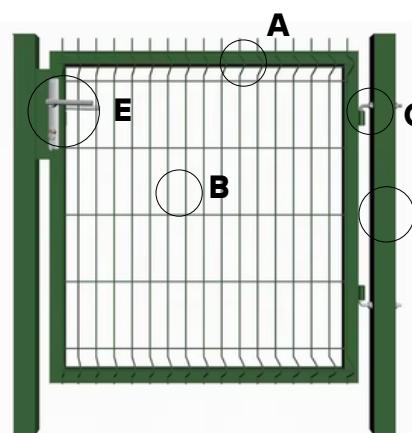


Product Technical Information

Welded wire mesh double gate	
Gate Length	2-6m <i>Customized lengths available</i>
Gate Height	1.5m-2.5m <i>Customized heights available</i>
Frame Dimension	40*40*2mm, 50*50*2mm Other dimensions customizable
Gate post Dimension	60*60*2.5mm, 75*75*2.5mm, 89*89*2.5mm Other dimensions customizable

Other information such as wire diameter, mesh size.etc is according to information of fence

Accessories of Gate



A-Frame pipe
B-Mesh panel
C-Hinge
D-Post
E-Lock

Features

- Protection
- Aesthetics
- Value Cost-Effectiveness

Application



High-Security Data Centers



Livestock Enclosures



Sports Venues

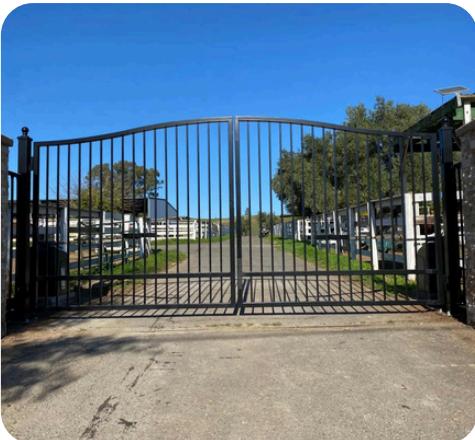


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RT Metal Double Gate

SECURITY FENCING SYSTEM

3- Wrought Iron Gate



Product Technical Information

Wrought Iron Fence Gate	
Gate Length	2-6m <i>Customized lengths available</i>
Gate Height	1.5m-2.0m <i>Customized heights available</i>
Tube Dimension	Cross tube: 32*32mm, 40*40mm, 45*45mm Vertical tube: 16*16mm, 19*19mm, 25*25mm Other dimensions customizable
Gate post Dimension	50*50*2mm, 60*60*2.5mm, 75*75*2.5mm Other dimensions customizable
<i>Other information such as wire diameter, mesh size.etc is according to information of fence</i>	

Features

- High Strength & Anti-Rust**

Hot-dip galvanized + electrostatic coating, excellent corrosion resistance.

- Modular Design**

Bolt-assembled structure, easy transport and installation.

- Aesthetic & Eco-Friendly**

Smooth surface, multiple color options (RAL standard).

- Applications**

Residential communities, villas, schools, urban landscapes.



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RT Metal Double Gate

SECURITY FENCING SYSTEM

4- Decorative Gate



Product Technical Information

Decorative Gate	
Gate Length	2-6m <i>Customized lengths available</i>
Gate Height	1.5m-2.0m <i>Customized heights available</i>
Gate post Dimension	50*50*2mm, 60*60*2.5mm, 75*75*2.5mm Other dimensions customizable
Material of Gate	Stainless Steel(304 or 316); Aluminum Alloy(surface treatment: painting); Steel(surface treatment: galvanized or powder coating)
<i>Decorative gate will be produced according to customer's requirements</i>	

Features

- Artistic Design**
Openwork patterns (e.g., geometric, floral styles) combining aesthetics and enclosure.
- Durable Material**
Stainless steel or powder-coated finish for corrosion resistance and elegance.
- Transparent & Lightweight**
Maintains visibility and airflow while enhancing visual appeal.
- High Customization**
Tailored patterns, sizes, and colors to suit architectural themes.
- Application**
Hotels, luxury residences, commercial spaces, and landscape projects.