



**ecozoomesh.com**



**ecozoomesh.com**

HENGYI METAL ECOLOGICAL MESH CO., LTD.

Sales Phone:0086-15930810903

Service Phone:0086-17611506001

Zipcode: 100000

Fax: 0086-10-85725052

E-mail: info@ecozoomesh.com

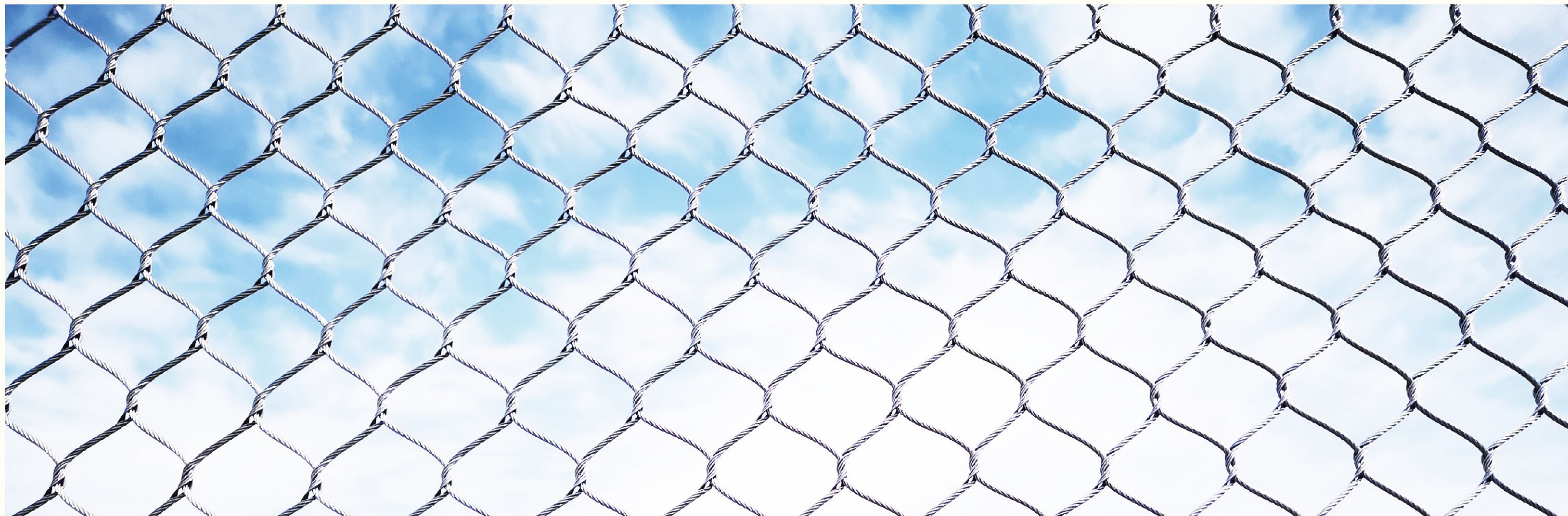
E-mail: sales@ecozoomesh.com

Chang Yang Lu, Fangshan District, Beijing City



**HENGYI  
ECOZOOMESH**

THE ONLY ZOO MESH MANUFACTURER IN CHINA THAT FOCUSES  
ON ANIMAL'S ECOLOGICAL ENVIRONMENT.



## HENGYI ECOZOOMESH

 [ecozoomesh.com](https://ecozoomesh.com)

Stainless steel rope mesh is hand-woven by high quality AISI 304/316 stainless steel wire cables. We have developed metallic mesh products independently and they are popular among the customers. It is quite suitable for zoo mesh because of its so many features: beautiful appearance, strong tensile strength, long service life, rust and corrosion resistance and maintenance-free property.



# ABOUT US



## Our products

More natural, more comfortable, healthier environment

We have always focused on zoo ecological construction and devoted all our efforts to provide a more natural, comfortable and healthier environment for animals, in order to improve their life quality and living status so that they can live in harmony with us humans.

# ABOUT US

Hengyi Metal Ecological Mesh Co., Ltd. is the only zoo mesh manufacturer in China that focuses on animal's ecological environment. Established in 2005 in Fangshan District, Beijing.

We are a professional hand woven stainless steel netting mesh supplier that integrates R&D products, sales and post-sales service. Transformed from Anheng Stainless Steel Wire Rope Mesh Factory, we are proud of that we have a long history since 1990 we started the manual production of hand woven stainless steel netting mesh. We focus on improving animal's living environment and zoo ecological construction. With the introduction of new technologies and innovative talents, we have upgraded product materials and production processes. In addition to common hand woven stainless steel netting mesh, we also have developed new-type zoo-specific ecological mesh, including dozens of varieties, such as: zoo mesh, aviary netting, zoo enclosure, animal enclosures, wire rope mesh, bird netting, phantom mesh, parrot cage netting, crane fence mesh, eagle cage fence netting, monkey enclosure mesh, orangutan enclosure fence, gorilla fence, tiger enclosure mesh, lion enclosure mesh, leopard fence enclosure netting, deer fence mesh, etc.

With development and growth over the years, we have a land area of 30,000 square meters and 230 staff members, including 22 technicians and senior engineers. We have perfect organization structure, cutting-edge production technology, outstanding production equipment and scientific quality management system. Our products can reach the national and industrial inspection standards by 100%. Our rich zoo mesh production experience enables us to provide customized services for our customers.



# PRODUCT



NATURAL COLOR STAINLESS STEEL WIRE ROPE MESH



BRONZE COLOR STAINLESS STEEL WIRE ROPE MESH



BLACK OXIDE STAINLESS STEEL WIRE ROPE MESH

## Our products

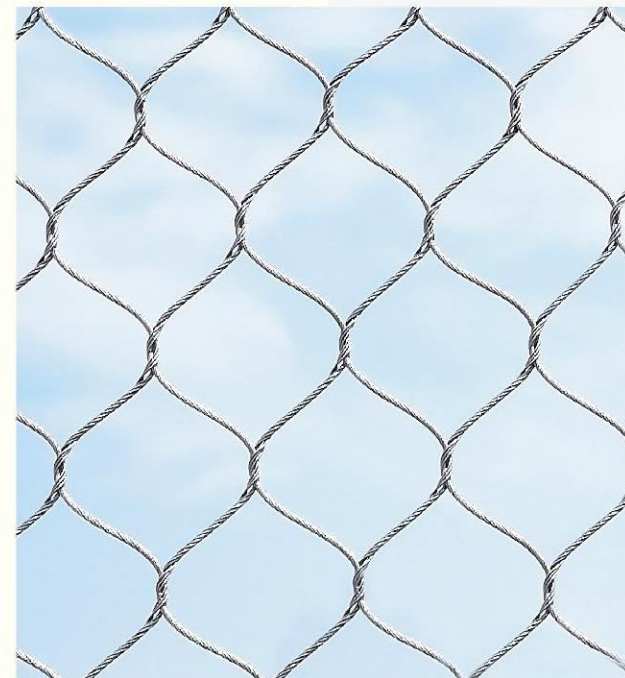
More natural , more comfortable , healthier environment

100% Hand Woven, 304/316 stainless steel material,  
Multi-stranded Wire Cables X-crossed, Strong, Flexible, Soft,  
Durable, Never Rust, Never Corrosion, Useful Life Over 30 Years

# STAINLESS STEEL WIRE ROPE MESH

Stainless steel rope mesh is quite suitable for zoo mesh because of its so many features:

- Good sight, Transparent: no sense of bondage, give the animals a free living environment, and give visitors a good view of sight.
- Flexibility: the smooth mesh surface can get in close contact with animal's fur and feather without damaging them and meanwhile guarantees enough tensile strength.
- Its rust and corrosion resistant and maintenance-free features as well as ultra-long service life can provide a beautiful site and reduces the zoo's operating costs. One-time investment provides permanent use—its comprehensive profits outperform other competitive products greatly.
- Light weight; flexible; anti-fatigue; great tensile strength; simple structure; environment friendly; non-poisonous and recyclable; easy for transportation and installation; no deformation after long-time service.

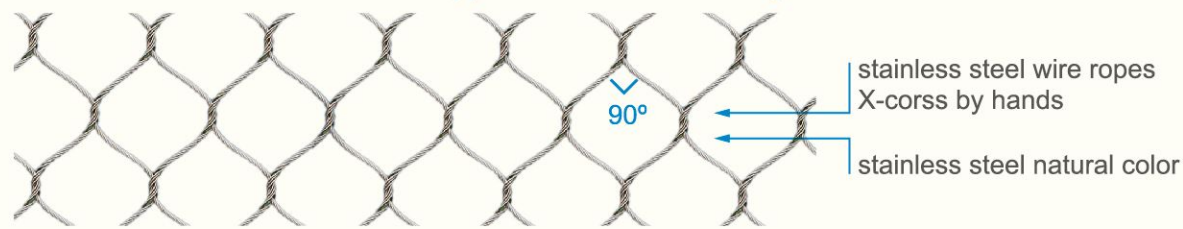


# DETAILS OF STAINLESS STEEL WIRE ROPE MESH

Material of stainless steel wire rope mesh: AISI 304 or 316 stainless steel

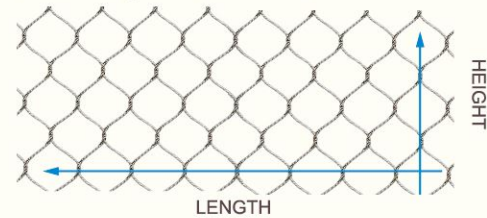


Stainless steel wire woven mesh appearance beautiful and gentle



Mesh panels of stainless steel wire rope mesh

ZooMesh panel Direction



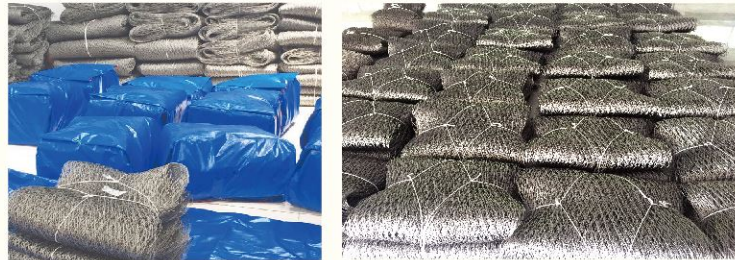
Mesh panels size:

Customers' required sizes, Height: 1' to 35' ;Length: 1' to 70' .

Mesh panels shape:

Rectangle shape;

The stainless steel wire rope woven mesh are with the soft touching, can be stretched, folded, rolled and packed naturally

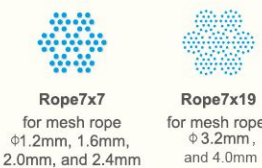


The wire rope Diameters and mesh Aperture :

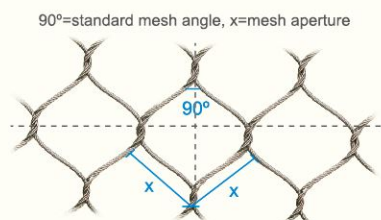
wire rope diameters have 6 types

- 3/64" (1.2mm)
- 1/16" (1.6mm)
- 5/64" (2mm)
- 3/32" (2.4mm)
- 1/8" (3.2mm)
- 5/32" (4mm)

Wire rope Structure



Zoo Mesh Aperture



The list of Stainless Steel Wire Rope Mesh (Zoo Mesh )

Product ID	Wire rope diameter		Mesh aperture		Weight
	Inch	mm	Inch	mm	kg/m <sup>2</sup>
Mesh1215	3/64"	1.2	0.6" x 0.6"	15 x 15	0.92
Mesh1220	3/64"	1.2	0.8" x 0.8"	20 x 20	0.7
Mesh1225	3/64"	1.2	1" x 1"	25.4 x 25.4	0.53
Mesh1230	3/64"	1.2	1.2" x 1.2"	30 x 30	0.45
Mesh1238	3/64"	1.2	1.5" x 1.5"	38 x 38	0.37
Mesh1251	3/64"	1.2	2" x 2"	51 x 51	0.26
Mesh1260	3/64"	1.2	2.4" x 2.4"	60 x 60	0.23
Mesh1276	3/64"	1.2	3" x 3"	76 x 76	0.19
Mesh1290	3/64"	1.2	3.6" x 3.6"	90 x 90	0.17
Mesh12102	3/64"	1.2	4" x 4"	102 x 102	0.15
Mesh1625	1/16"	1.6	1" x 1"	25.4 x 25.4	1
Mesh1630	1/16"	1.6	1.2" x 1.2"	30 x 30	0.9
Mesh1638	1/16"	1.6	1.5" x 1.5"	38 x 38	0.64
Mesh1651	1/16"	1.6	2" x 2"	51 x 51	0.5
Mesh1660	1/16"	1.6	2.4" x 2.4"	60 x 60	0.45
Mesh1676	1/16"	1.6	3" x 3"	76 x 76	0.37
Mesh1690	1/16"	1.6	3.6" x 3.6"	90 x 90	0.32
Mesh16102	1/16"	1.6	4" x 4"	102 x 102	0.24
Mesh2038	5/64"	2	1.5" x 1.5"	38 x 38	1.03
Mesh2051	5/64"	2	2" x 2"	51 x 51	0.76
Mesh2060	5/64"	2	2.4" x 2.4"	60 x 60	0.65
Mesh2076	5/64"	2	3" x 3"	76 x 76	0.51
Mesh2090	5/64"	2	3.6" x 3.6"	90 x 90	0.45
Mesh20102	5/64"	2	4" x 4"	102 x 102	0.4
Mesh20127	5/64"	2	5" x 5"	127 x 127	0.3
Mesh2451	3/32"	2.4	2" x 2"	51 x 51	1.02
Mesh2460	3/32"	2.4	2.4" x 2.4"	60 x 60	0.87
Mesh2476	3/32"	2.4	3" x 3"	76 x 76	0.72
Mesh2490	3/32"	2.4	3.6" x 3.6"	90 x 90	0.6
Mesh24102	3/32"	2.4	4" x 4"	102 x 102	0.54
Mesh24127	3/32"	2.4	5" x 5"	127 x 127	0.42
Mesh24152	3/32"	2.4	6" x 6"	152 x 152	0.35
Mesh3251	1/8"	3.2	2" x 2"	51 x 51	1.95
Mesh3260	1/8"	3.2	2.4" x 2.4"	60 x 60	1.65
Mesh3276	1/8"	3.2	3" x 3"	76 x 76	1.28
Mesh3290	1/8"	3.2	3.6" x 3.6"	90 x 90	1.1
Mesh32102	1/8"	3.2	4" x 4"	102 x 102	0.9
Mesh32127	1/8"	3.2	5" x 5"	127 x 127	0.7
Mesh32152	1/8"	3.2	6" x 6"	152 x 152	0.61
Mesh32203	1/8"	3.2	8" x 8"	203 x 203	0.43
Mesh4076	5/32"	4	3" x 3"	76 x 76	1.9
Mesh4090	5/32"	4	3.6" x 3.6"	90 x 90	1.7
Mesh40102	5/32"	4	4" x 4"	102 x 102	1.5
Mesh40127	5/32"	4	5" x 5"	127 x 127	1.15
Mesh40152	5/32"	4	6" x 6"	152 x 152	1
Mesh40203	5/32"	4	8" x 8"	203 x 203	0.75

# APPLICATION



## Our products

More natural, more comfortable, healthier environment

The ZOOMESH stainless steel wire rope mesh can be used for constructing cages in zoos, safari parks, wildlife parks, aviary park, garden, plant, stadium, decoration, bridges, and so on.

# BLACK STAINLESS STEEL ROPE MESH

Other names: black stainless steel wire rope mesh, black oxidized stainless steel rope net, black wire rope netting, black hand-woven steel wire mesh, black steel wire cable mesh, etc.

Black stainless steel rope mesh is a kind of stainless steel wire rope mesh with the black surface. After a special surface treatment process, the surface becomes black.

On the basis of the original color stainless steel wire rope mesh characteristics, it is more corrosion-resistant and decorative. And used in zoo animal cages fence to reduce the sun's rays and protect the animals' eyes.

## Black stainless steel rope mesh

- Place of Origin : China (Mainland)
- Color : Black
- Technology : Pure hand-woven
- Type : Wire Rope Mesh
- Material : SUS 304/316 Stainless Steel
- Rope diameter : 3/64", 1/16", 5/64", 3/32", 1/8"
- Rope structure : 7\*7 cores & 7\*19 cores
- Mesh aperture : 0.8"—6"
- Mesh size (Length × Width) : customized
- Application : Protecting Mesh, Bird netting, Zoo Animal Fence, Decorative net

STAINLESS STEEL BLACK MESH



BLACK STAINLESS STEEL ROPE MESH

# BIRD NETTING AVIARY MESH

Thanks to its super flexibility, stainless steel rope mesh is suitable for the design of various cage shapes, with easy shaping, free of maintenance and convenient installation. It's beautiful, close to nature, with good ventilation. It seems invisible when used for bird cages with large areas, providing a free living environment for birds.

Commonly used bird nettings fall into two categories according to purposes: phantom mesh and bird cage netting.

Phantom mesh has a large area with pleasant appearance and a large variety of birds. Tourists can view many species of birds in a phantom mesh, mostly peacocks and parrots.

Bird cage netting is simple structure and usually one species of bird is kept in a cage. Mesh size and dimensions are customized according to the species of birds.

### Regular specifications

- Rope diameter : 3/36" ,1/16" ,5/64"
- Mesh aperture : 0.8" ,1" ,1.2" ,1.5" ,2"



CAGE MESH

# PRIMATES ENCLOSURE MESH



ORANGUTAN PROTECTION MESH

MONKEY CAGE PROTECTION NET



MONKEY CAGE PROTECTION NET

**Stainless steel rope mesh is used for primate netting.**

The regular nettings are: monkey cage netting, orangutan enclosure mesh, gorilla enclosure mesh, chimpanzee protection netting, ape enclosure mesh, etc.

Primates love climbing; stainless steel rope mesh has strong tensile strength and is elastic, easy for climbing. The enclosure mesh provides a wide activity space for them. The mesh's smooth surface can protect their fur from being damaged.

For large primates, 24mm rope diameter provides a tensile strength as high as 28.8T; the flexible and elastic contact surface can well protect the safety of animals as well as tourists.

### Regular specifications:

- rope diameter 1/16" ,5/64" ,3/32" ;
- mesh aperture 1.5" ,2" ,2.4" ,3" .

# ZOO ANIMAL MESHES

High quality raw materials and customized rope diameter and mesh size can separate animals effectively and safeguard tourist safety.

The customized zoo animals mesh can make the cage flexible in shape and impregnable.

Small animals can get closer to tourists in the animals mesh while it is safer to keep large fierce animals in the mesh. In whichever case, stainless steel wire rope mesh can provide excellent ventilation, angle of viewing and maintenance free property.

The commonly used zoo animals mesh specification for tigers, lions and leopards are Mesh3251, Mesh3260, Mesh3276, which can provide enough tensile protection.

The commonly used zoo animals mesh specification for deer and giraffe are Mesh2051, Mesh2451, Mesh2476, which can provide effective separation and protection.

The animals mesh specification for zebras, gnus and wild donkeys are Mesh2451, Mesh3276, Mesh32102, which can provide effective separation.

Stainless steel wire rope mesh is widely used for zoo fence, zoo mesh, zoo netting, zoo enclosure and other protection place. Suitable for variety of animals cage mesh, such as tiger enclosure mesh, lion fence mesh, leopard cage fencing, deer enclosure fence mesh, giraffe fence mesh, wolf cage fence mesh, fox fencing netting, etc.



# CUSTOMIZABLE PRODUCTION

Raw materials, specifications, sizes, can all be customized. We will produce according to your requirements.

Thanks to its good flexibility, great tensile strength, long service life, rust resistance and beautiful appearance, the stainless steel rope mesh can be applied in various protection sites, such as stadium fence, decoration net, stair protection net, plant climbing net and surface cover net, etc.

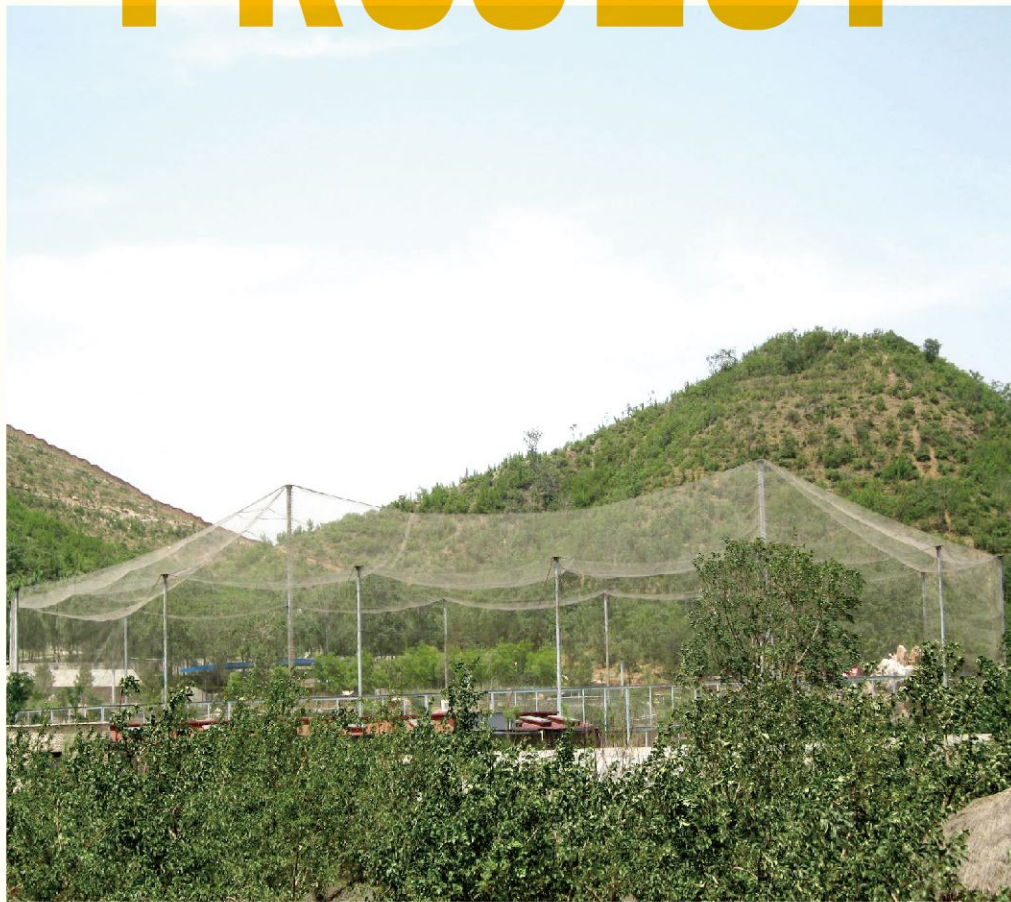
Each purpose is adapted to corresponding technical processes.

Moreover, this flexible mesh is not restricted by terrain and shape design; customized specifications and sizes can cover large areas with whole pieces, firm and beautiful.





# PROJECT



## Our products

More natural, more comfortable, healthier environment

The cases include the meshes for various animals protection, like: bird netting, aviary mesh, phantom mesh, parrot cage netting, crane fence mesh, eagle cage fence netting, monkey enclosure mesh, orangutan enclosure fence, gorilla fence, tiger enclosure mesh, lion cage enclosure mesh, leopard fence enclosure netting, deer fence mesh, etc.

## ZOO MESH PROJECTS CASES



BIRD AVIARY NETTING, AVIARY PROTECTION MESH

**Details:**

Project Area: 49500ft<sup>2</sup>  
 Animal species: Cranes, peacocks, red-crowned cranes, egrets, swans, Golden pheasant  
 Product: Stainless steel wire rope mesh  
**Specifications:**  
 Rope diameter: 1/16"  
 Mesh aperture: 2" x2"



PARROT CAGE NETTING, PARROT FENCE MESH

**Details:**

Project Area: 8600ft<sup>2</sup>  
 Animal species: Macaw, Toucan  
 Product: Stainless steel cable mesh  
**Specifications:**  
 Rope diameter: 1/16"  
 Mesh aperture: 1.5" x1.5"



EAGLE FENCE NETTING, VULTURES CAGE ENCLOSURE MESH

**Details:**

Project Area: 12920ft<sup>2</sup>  
 Animal species: Eagle  
 Product: Stainless steel rope braid mesh  
**Specifications:**  
 Rope diameter: 3/32"  
 Mesh aperture: 2" x2"



PARROT AVIARY FENCE, PARROT PROTECTION MESH

**Details:**

Project Area: 12800ft<sup>2</sup>  
 Animal species: parrots  
 Product: Stainless steel woven mesh  
**Specifications:**  
 Rope diameter: 3/64"  
 Mesh aperture: 1"x1"



**MONKEY CAGE FENCE, MONKEY ENCLOSURE MESH**

**Details:**  
 Project Area: 14000ft<sup>2</sup>  
 Animal species: Golden monkey, Lemurs, Langurs, Capuchin monkeys  
 Product: Stainless steel wire netting  
**Specifications:**  
 Rope diameter: 5/64"  
 Mesh aperture: 2" x2"



**BIRD FENCE MESH, BIRD CAGE COVERED NETTING**

**Details:**  
 Project Area: 34450ft<sup>2</sup>  
 Animal species: West african crown crane, flamingos  
 Product: Stainless steel wire rope netting  
**Specifications:**  
 Rope diameter: 1/16"  
 Mesh aperture: 2.4" x2.4"



**OSTRICH FENCE MESH, OSTRICH CAGE NETTING**

**Details:**  
 Project Area: 12950ft<sup>2</sup>  
 Animal species: Ostrich  
 Product: Stainless steel wire rope netting  
**Specifications:**  
 Rope diameter: 5/64"  
 Mesh aperture: 3" x3"



**MONKEY CIRCULAR CHANNEL MESH, ZOO ENCLOSURE FENCE**

**Details:**  
 Project Area: 10800ft<sup>2</sup>  
 Animal species: Monkey  
 Product: Stainless steel woven mesh  
**Specifications:**  
 Rope diameter: 3/32"  
 Mesh aperture: 2" x2"



**TIGER WIRE ROPE FENCE MESH, TIGER CAGE MESH**

**Details:**  
 Project Area: 25850ft<sup>2</sup>  
 Animal species: Tiger, Lion, Leopard  
 Product: Stainless steel woven mesh  
**Specifications:**  
 Rope diameter: 1/8"  
 Mesh aperture: 3" x3"



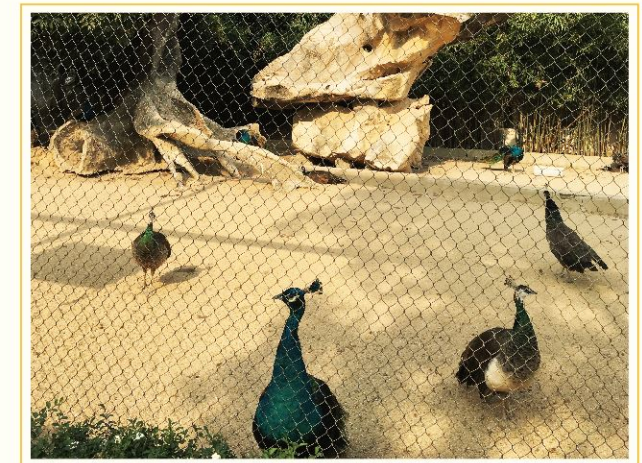
**AVIARY MESH, BIRD NETTING, BIRD CAGE NETTING**

**Details:**  
 Project Area: 17250ft<sup>2</sup>  
 Animal species: Big birds, Crane, Flamingo, Crested Ibis  
 Product: Stainless steel wire netting  
**Specifications:**  
 Rope diameter: 1/16"  
 Mesh aperture: 3" x3"



**WOLF CAGE NETTING FENCE, WOLF ENCLOSURE MESH**

**Details:**  
 Project Area: 5400ft<sup>2</sup>  
 Animal species: Wolf  
 Product: Stainless steel wire netting  
**Specifications:**  
 Rope diameter: 3/32"  
 Mesh aperture: 2" x2"



**PEACOCK CAGE MESH, PEACOCK FENCE, PHEASANT NETTING**

**Details:**  
 Project Area: 25850ft<sup>2</sup>  
 Animal species: Pheasant, Peacock birds, White peacock, Green peacock  
 Product: Stainless steel woven mesh  
**Specifications:**  
 Rope diameter: 1/16"  
 Mesh aperture: 2" x2"

# FAQ



## Our products

More natural, more comfortable, healthier environment

This page describes the common questions and answers in the ordering process for your review.  
If you have any questions, you can contact us directly.

## FAQ

### Q **Material Quality**

A The stainless steel wire rope netting mesh woven by the SUS304/316 stainless steel wire ropes, the material in line with international standards, can be used over 30 years.

### Q **How to choose the suitable mesh code?**

A According to the zoo mesh code list or supply the animal kinds in cage, we'd like to recommend some for you.

### Q **How I get some samples?**

A The samples could be supplied cost free (less than 1 square meter), but the courier charges should be borne by the buyer, the buyer has the following two ways to get the free samples:

- (1) Contact your local couriers, say, FedEx, DHL, TNT or UPS, and ask them to pick up the samples from our office.
- (2) Let us have your Freight Collect Account Number you registered in the above couriers, we will arrange the shipment by contacting their local branches.

### Q **Mesh panel shape**

A The mesh panel size can be customized as your required size, initially produced in rectangular shape. For easy production, shipping and installing, we suggest a piece of mesh panel's height not over than 10m, the length not over than 20m.

### Q **Zoo mesh packing**

A Rolled and packed in PP woven bags, about 70\*70\*60cm per 100kg

### Q **Zoo mesh cost**

A We will offer you a quotation per square foot (m) according to your custom specifications.

### Q **Payment Term**

A We accept L/C or T/T transfer, but not credit card.  
T/T by 30% deposit before production, and the balance before shipment; or irrevocable at sight L/C.

### Q **Production Lead-Time**

A Need estimate according to the mesh code and quantity.

### Q **Minimum order quantity**

A 100sq.ft / 10sq.m.

### Q **Shipment**

A A variety of modes of transportation for your choice.  
Our nearest sea port: XINGANG PORT, TIANJIN, CHINA  
Our nearest air port: BEIJING, CHINA

# ADVANTAGES



## Our products

More natural, more comfortable, healthier environment

We will solve the problems you encounter in the engineering. Free samples, customized products, perfect installation guidance, and enthusiastic post-sales service! Contact us anytime!

# OUR ADVANTAGES



01

### Ultra-long service life, Maintenance-free features

The stainless steel wire rope mesh's maintenance-free features as well as ultra-long service life can reduce the zoo's operating costs. One-time investment provides permanent use—stainless steel wire rope mesh's comprehensive profits outperform other competitive products greatly.



02

### Attentive Services

We will provide attentive services. Free samples, customized products, perfect installation guidance, and enthusiastic post-sales service! Contact us anytime! We can help you solve the problems you encounter in the engineering.



03

### Short Lead Time, Fast and prompt manufacturing and short shipment period

Timely delivery and fast installation. We have sufficient full-time workforce to ensure our production period and delivery time.



04

### Advanced technologies

We have advanced technologies that can guarantee each knot is interwoven, firmly and durably. The knots never get detached and meshes never deform.

We have molds with precision at millimeter level. Rope diameter and mesh size will be produced according to your requirements and we guarantee that each mesh size meets the standard accurately. Work with zero waste!



05

### All be customized, single mesh of over 2,000 square feet

Raw materials, specifications, sizes, shipment methods can all be customized.

We have outstanding processing technology. We can produce a single mesh panel of over 2,000 square feet, and for certain specifications, over 3,000 square feet! Without any intermediate connections! Easy for design and installation! Beautiful appearance!



06

### Factory Direct Supply, Favorable Factory Price

Customers deal directly with us. No middlemen! Fast and more profitable!

Competitive price, but with highest cost performance ratio.

We have advanced inspection facilities. Strict inspection of incoming material quality is performed to guarantee the quality; strict inspection is performed for finished products at factory to guarantee they meet the standards and requirements.