

BROCHURE

STAINLESS STEEL

# ROPE MESH

◇ Zoo Mesh ◇ Safety Fence ◇ Green Walls ◇ Stainless Steel Rope



[www.rope-mesh.com](http://www.rope-mesh.com)



Knotted & Ferrule Rope Mesh for Zoo Enclosure, Architecture & Decoration

## Stainless Steel Rope Mesh

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### Who We Are

Argger Creative Weave Co.,Ltd. is professional in manufacturing stainless steel rope mesh which is made from high quality 304, 316, 304L and 316L.

Established in 2000, we have almost 20 years experience in producing and exporting stainless steel rope mesh. Our skilled workers guarantee the strong structure of hand-woven knotted and ferrule type rope mesh. They can help shorten production time and reduce production loss along with fast delivery.

We have strict quality control system by both international standards and quality control agents and enterprise QC system. We claim that all stainless steel rope mesh our customers receive are qualified and in perfect performance.

Our honest, efficient and preciseness philosophy receive favourable reviews from our customers. And we have established long term win-win cooperation. We are ready to supply the best quality products, the most considerate service and the most professional guidance for you.



The background of the page features a close-up, slightly out-of-focus image of a chain-link fence. The fence is made of interlocking metal rings, creating a diamond-shaped mesh pattern. The fence runs diagonally across the frame. In the background, a blurred green lawn and a grey concrete path are visible. Overlaid on the top and bottom of the page are solid-colored geometric shapes: a grey rectangle at the top left, a yellow rectangle at the top right, a yellow rectangle at the bottom left, and a grey rectangle at the bottom right.

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## Why Choose Us?



### Experienced

We have more than 20 years of producing and exporting experience and our skilled workers can improve efficiency and reduce production loss, which can save your costs.



### Professional

We can design for your zoo or architectural projects. Besides, all installation fittings and assembly guidance can be supplied along with the goods to eliminate your worries.



### Strict

We have strict QC system to test all orders and ISO 9001 Certificated enterprise guarantee the quality.



### Competitive

We are real factory, and skilled experience can reduce production costs, all these can bring you a competitive price to occupy more markets in your local markets.



### Considerate

Our pre-sale and after sale system can solve you most of your worries and problems. And we can give you the fast response within 6 hours.



## Production & QC system

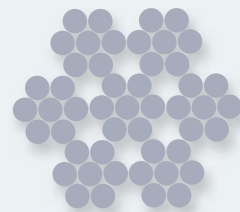
- |                                 |                     |
|---------------------------------|---------------------|
| ① Material                      | ⑦ Mesh Height Test  |
| ② Install Ferrule               | ⑧ Fence Width Test  |
| ③ Fix Ferrule                   | ⑨ Fence Height Test |
| ④ Install End ferrule with eyes | ⑩ Package           |
| ⑤ Rope Diameter Test            | ⑪ In Wooden Case    |
| ⑥ Mesh Width Test               | ⑫ Ready for Loading |



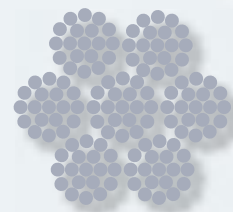
# Stainless Steel Rope Mesh

The stainless steel rope mesh is soft but strong, resistant to corrosion and rust, environmentally friendly and maintenance-free. Besides, it is very flexible in the rope diameter, mesh size and opening size. Additional, the stainless steel material is regarded as the most durable material. Above all, its work life is more than 17 years though it is exposed to sunlight and rain.

Stainless steel rope mesh is mainly used as zoo mesh & aviary mesh, green wall, balustrade mesh, helideck mesh and suspension bridge railing mesh. response within 6 hours.



7 × 7



7 × 19

## Material

SS304	%	C: ≤ 0.07, Si: ≤ 1.0, Mn: ≤ 2.0, Cr: 17.0-19.0, Ni: 8.0-11.0, S: ≤ 0.03, P: ≤ 0.035
SS304L	%	C: ≤ 0.03, Si: ≤ 1.0, Mn: ≤ 2.0, Cr: 17.0-19.0, Ni: 8.0-12.0, S: ≤ 0.03, P: ≤ 0.035
SS316	%	C: ≤ 0.08, Si: ≤ 1.0, Mn: ≤ 2.0, Cr: 16.0-18.5, Ni: 10.0-14.0, S: ≤ 0.03, P: ≤ 0.035
SS316L	%	C: ≤ 0.03, Si: ≤ 1.0, Mn: ≤ 2.0, Cr: 16.0-18.0, Ni: 12.0-15.0, S: ≤ 0.03, P: ≤ 0.045

## Mesh Structures



Ferrule type



Hand-Woven Knotted Type



Natural



Black



Red

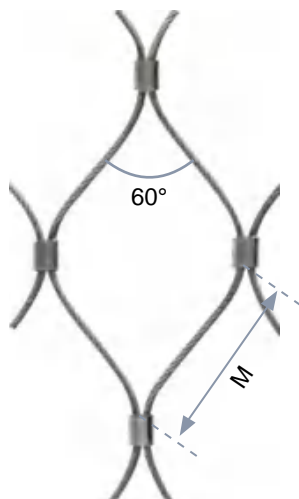
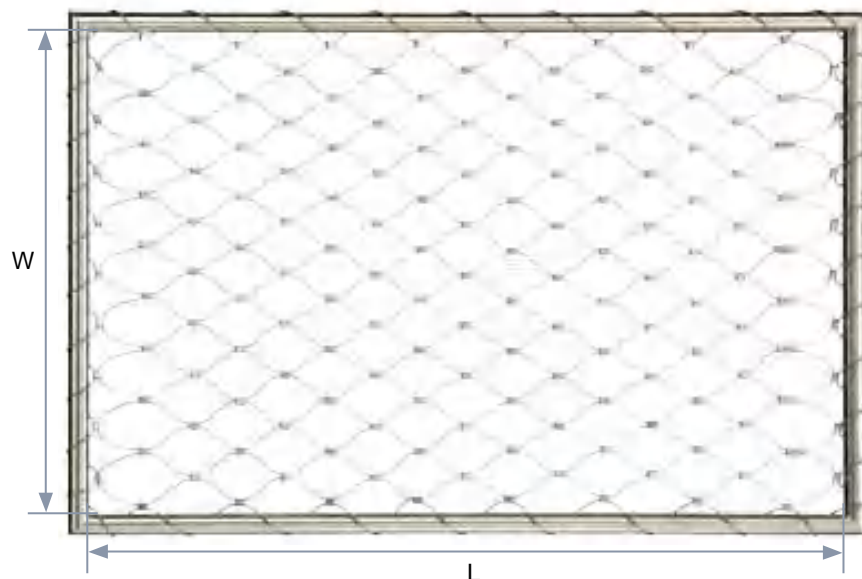


Gold



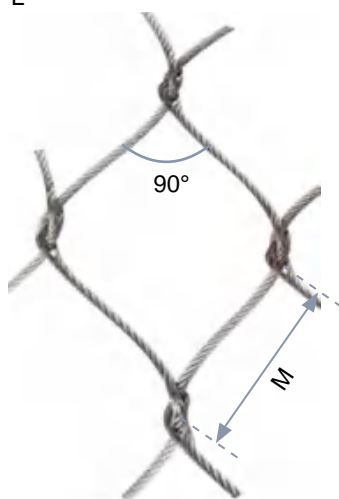
Customized Colors

# Order information



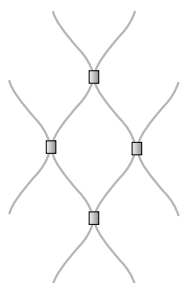
## Ferrule type

60° = Standard Mesh Angle  
M = Mesh Aperture

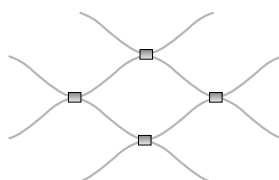


## Knotted type

90° = Standard Mesh Angle  
M = Mesh Aperture



V = Vertical Direction



H = Horizontal Direction

**Mesh Type:**  
F (Ferrule Type)  
K (Hand-woven Knotted Type)

**Dimensions:**  
L mm × W mm

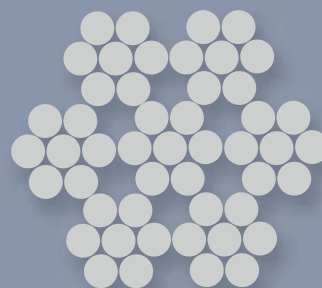
**Mesh Aperture:** M mm

**Mesh Direction:** H or V

**Rope Diameter:** D mm

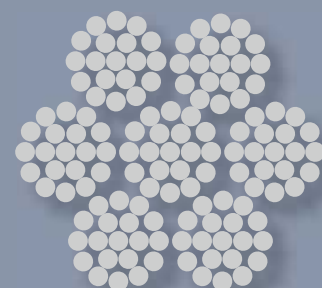
**Rope Structure:** A or B

**Mesh Color:**  
Natural, black, green and other customized colors.



Rope 7 × 7

For rope mesh Ø 1.2 mm, 1.6 mm, 2.0 mm and 2.4 mm



Rope 7 × 19

For rope mesh Ø 3.2 mm

## Stainless Steel Rope Mesh (Hand-Woven Knotted Type)

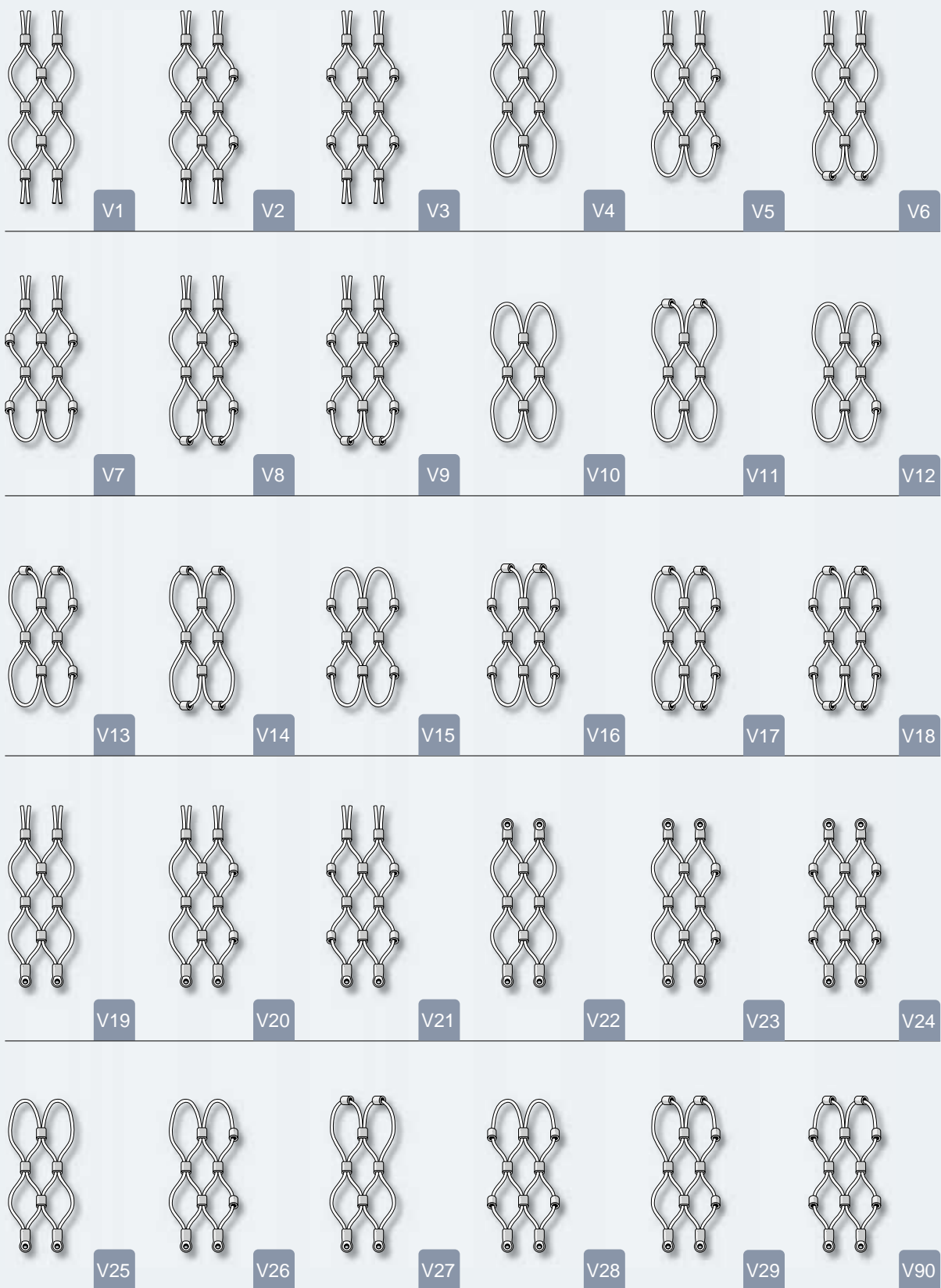
Item	Wire Rope Construction	Wire Rope Diameter		Mesh Aperture		Min. Breaking Load (kN)
		inch	mm	inch	mm	
AG-40203W	7 × 19	5/32"	4	8" × 8"	203 × 203	10.7
AG-40152W	7 × 19	5/32"	4	6" × 6"	152 × 152	10.7
AG-40127W	7 × 19	5/32"	4	5" × 5"	127 × 127	10.7
AG-40102W	7 × 19	5/32"	4	4" × 4"	102 × 102	10.7
AG-4090W	7 × 19	5/32"	4	3.6" × 3.6"	90 × 90	10.7
AG-4076W	7 × 19	5/32"	4	3" × 3"	76 × 76	10.7
AG-32152W	7 × 19	1/8	3.2	6" × 6"	152 × 152	7.38
AG-32127W	7 × 19	1/8	3.2	5" × 5"	127 × 127	7.38
AG-32120W	7 × 19	1/8	3.2	4.7" × 4.7"	120 × 120	7.38
AG-32102W	7 × 19	1/8	3.2	4" × 4"	102 × 102	7.38
AG-3290W	7 × 19	1/8	3.2	3.6" × 3.6"	90 × 90	7.38
AG-3276W	7 × 19	1/8	3.2	3" × 3"	76 × 76	7.38
AG-3260W	7 × 19	1/8	3.2	2.4" × 2.4"	60 × 60	7.38
AG-3251W	7 × 19	1/8	3.2	2" × 2"	51 × 51	4.18
AG-24152W	7 × 7	3/32	2.4	6" × 6"	152 × 152	4.18
AG-24127W	7 × 7	3/32	2.4	5" × 5"	127 × 127	4.18
AG-24102W	7 × 7	3/32	2.4	4" × 4"	102 × 102	4.18
AG-2490W	7 × 7	3/32	2.4	3.6" × 3.6"	90 × 90	4.18
AG-2476W	7 × 7	3/32	2.4	3" × 3"	76 × 76	4.18
AG-2460W	7 × 7	3/32	2.4	2.4" × 2.4"	60 × 60	4.18
AG-2451W	7 × 7	3/32	2.4	2" × 2"	51 × 51	3.17
AG-2076W	7 × 7	5/64	2	3" × 3"	76 × 76	3.17
AG-2060W	7 × 7	5/64	2	2.4" × 2.4"	60 × 60	3.17
AG-2051W	7 × 7	5/64	2	2" × 2"	51 × 51	3.17
AG-2038W	7 × 7	5/64	2	1.5" × 1.5"	38 × 38	2.17
AG-16102W	7 × 7	1/16	1.6	4" × 4"	102 × 102	2.17
AG-1676W	7 × 7	1/16	1.6	3" × 3"	76 × 76	2.17
AG-1660W	7 × 7	1/16	1.6	2.4" × 2.4"	60 × 60	2.17
AG-1651W	7 × 7	1/16	1.6	2" × 2"	51 × 51	2.17
AG-1638W	7 × 7	1/16	1.6	1.5" × 1.5"	38 × 38	2.17
AG-1630W	7 × 7	1/16	1.6	1.2" × 1.2"	30 × 30	2.17
AG-1625W	7 × 7	1/16	1.6	1" × 1"	25.4 × 25.4	1.22
AG-12102W	7 × 7	3/64	1.2	4" × 4"	102 × 102	1.22
AG-1276W	7 × 7	3/64	1.2	3" × 3"	76 × 76	1.22
AG-1251W	7 × 7	3/64	1.2	2" × 2"	51 × 51	1.22
AG-1238W	7 × 7	3/64	1.2	1.5" × 1.5"	38 × 38	1.22
AG-1230W	7 × 7	3/64	1.2	1.2" × 1.2"	30 × 30	1.22
AG-1225W	7 × 7	3/64	1.2	1" × 1"	25.4 × 25.4	1.22
AG-1220W	7 × 7	3/64	1.2	0.8" × 0.8"	20 × 20	1.22



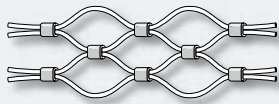
## Stainless Steel Rope Mesh (Ferrule Type)

Item	Wire Rope Construction	Wire Rope Diameter		Mesh Aperture		Min. Breaking Load (kN)
		inch	mm	inch	mm	
AG-40203F	7 × 19	5/32"	4	8" × 8"	203 × 203	10.7
AG-40152F	7 × 19	5/32"	4	6" × 6"	152 × 152	10.7
AG-40127F	7 × 19	5/32"	4	5" × 5"	127 × 127	10.7
AG-40102F	7 × 19	5/32"	4	4" × 4"	102 × 102	10.7
AG-4090F	7 × 19	5/32"	4	3.6" × 3.6"	90 × 90	10.7
AG-4076F	7 × 19	5/32"	4	3" × 3"	76 × 76	10.7
AG-32152F	7 × 19	1/8	3.2	6" × 6"	152 × 152	7.38
AG-32127F	7 × 19	1/8	3.2	5" × 5"	127 × 127	7.38
AG-32120F	7 × 19	1/8	3.2	4.7" × 4.7"	120 × 120	7.38
AG-32102F	7 × 19	1/8	3.2	4" × 4"	102 × 102	7.38
AG-3290F	7 × 19	1/8	3.2	3.6" × 3.6"	90 × 90	7.38
AG-3276F	7 × 19	1/8	3.2	3" × 3"	76 × 76	7.38
AG-3260F	7 × 19	1/8	3.2	2.4" × 2.4"	60 × 60	7.38
AG-3251F	7 × 19	1/8	3.2	2" × 2"	51 × 51	4.18
AG-24152F	7 × 7	3/32	2.4	6" × 6"	152 × 152	4.18
AG-24127F	7 × 7	3/32	2.4	5" × 5"	127 × 127	4.18
AG-24102F	7 × 7	3/32	2.4	4" × 4"	102 × 102	4.18
AG-2490F	7 × 7	3/32	2.4	3.6" × 3.6"	90 × 90	4.18
AG-2476F	7 × 7	3/32	2.4	3" × 3"	76 × 76	4.18
AG-2460F	7 × 7	3/32	2.4	2.4" × 2.4"	60 × 60	4.18
AG-2451F	7 × 7	3/32	2.4	2" × 2"	51 × 51	3.17
AG-2076F	7 × 7	5/64	2	3" × 3"	76 × 76	3.17
AG-2060F	7 × 7	5/64	2	2.4" × 2.4"	60 × 60	3.17
AG-2051F	7 × 7	5/64	2	2" × 2"	51 × 51	3.17
AG-2038F	7 × 7	5/64	2	1.5" × 1.5"	38 × 38	2.17
AG-16102F	7 × 7	1/16	1.6	4" × 4"	102 × 102	2.17
AG-1676F	7 × 7	1/16	1.6	3" × 3"	76 × 76	2.17
AG-1660F	7 × 7	1/16	1.6	2.4" × 2.4"	60 × 60	2.17
AG-1651F	7 × 7	1/16	1.6	2" × 2"	51 × 51	2.17
AG-1638F	7 × 7	1/16	1.6	1.5" × 1.5"	38 × 38	2.17
AG-1630F	7 × 7	1/16	1.6	1.2" × 1.2"	30 × 30	2.17
AG-1625F	7 × 7	1/16	1.6	1" × 1"	25.4 × 25.4	1.22
AG-12102F	7 × 7	3/64	1.2	4" × 4"	102 × 102	1.22
AG-1276F	7 × 7	3/64	1.2	3" × 3"	76 × 76	1.22
AG-1251F	7 × 7	3/64	1.2	2" × 2"	51 × 51	1.22
AG-1238F	7 × 7	3/64	1.2	1.5" × 1.5"	38 × 38	1.22
AG-1230F	7 × 7	3/64	1.2	1.2" × 1.2"	30 × 30	1.22
AG-1225F	7 × 7	3/64	1.2	1" × 1"	25.4 × 25.4	1.22
AG-1220F	7 × 7	3/64	1.2	0.8" × 0.8"	20 × 20	1.22

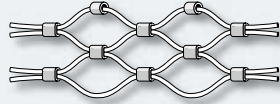
# Parameter types – VERTICAL MESH



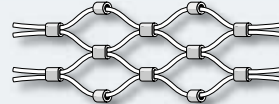
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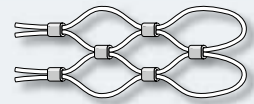
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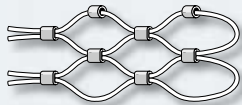
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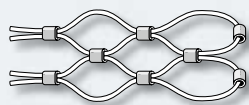
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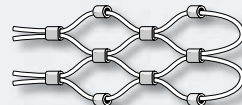
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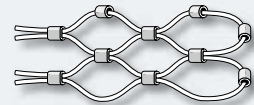
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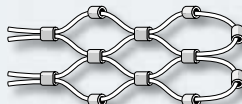
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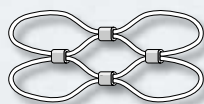
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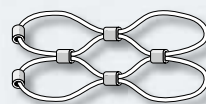
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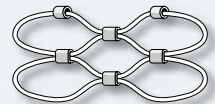
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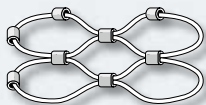
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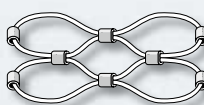
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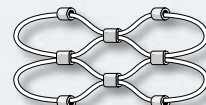
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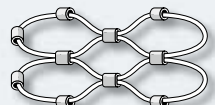
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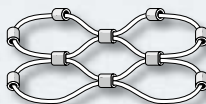
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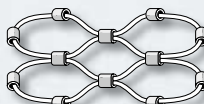
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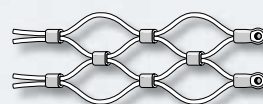
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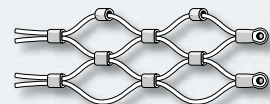
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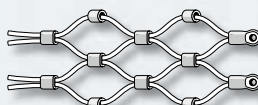
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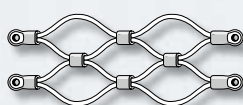
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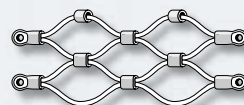
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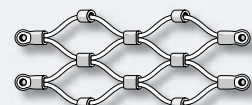
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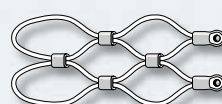
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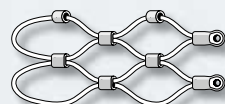
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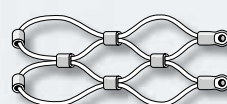
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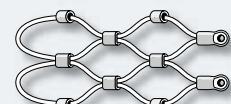
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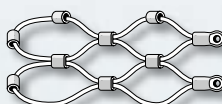
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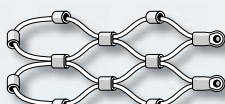
H27



H28



H29

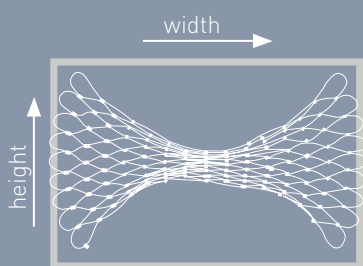


H30



# ASSEMBLY & FITTINGS

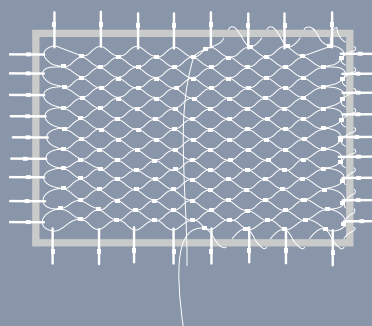
Prepare all needed materials, including stainless steel rope meshes, sewing cables, ferrules, tongs and other tools.



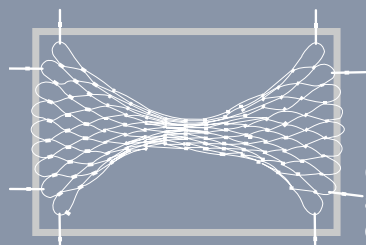
1

Determine the widths and height of mesh direction.

5



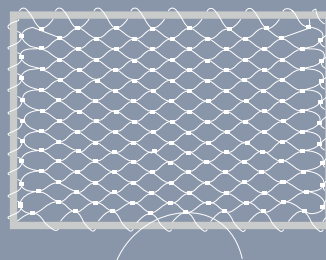
On one half of the frame, thread perimeter rope from the middle of the top cross member to the middle of the bottom cross member, going through each mesh sleeve and around the tubular frame opposite each sleeve. Thread in same direction throughout.



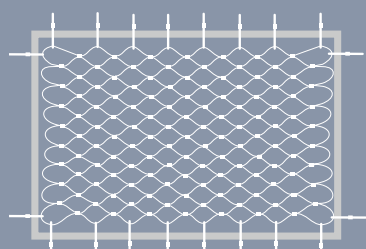
2

Center and attach mesh at the four corners with cable ties.

6



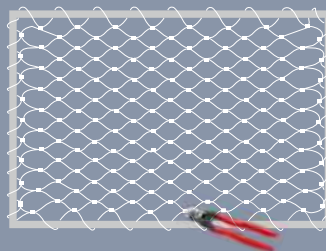
Thread perimeter rope on the other side of the frame as described in step 6. The ends of both perimeter ropes must be threaded through the last sleeve and then pulled tight. Now all cable ties can be removed.



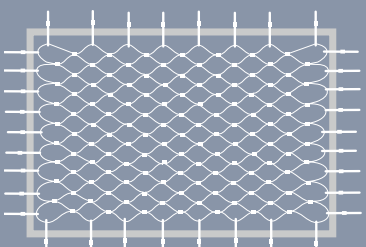
3

Center and tension mesh at the top and bottom line with cable ties.

7



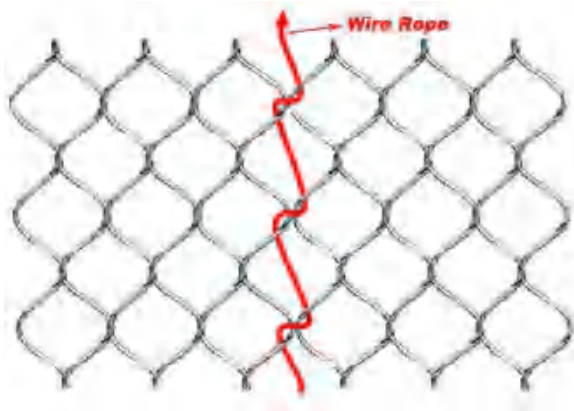
Swage the sleeves with the mesh swaging tool, and cut off loose ends of the perimeter rope.



4

Center and tension mesh at the left and right line with cable ties.

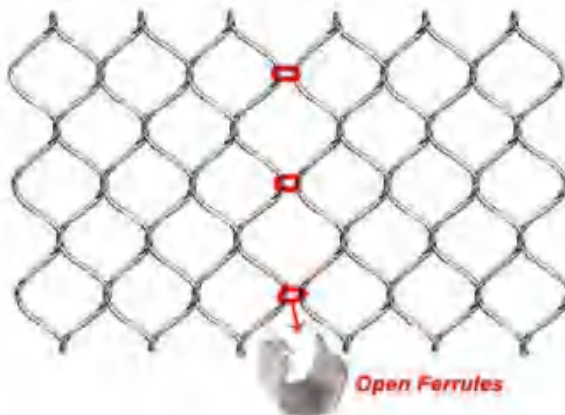
## Mesh Panel Connection



For the convenience of the production, transportation and installation, the standard dimensions is 20 m × 8 m. in some specific applications, you need to connect the panels to extend sizes for your project.

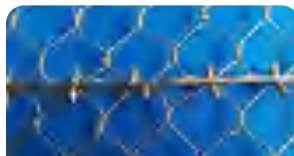
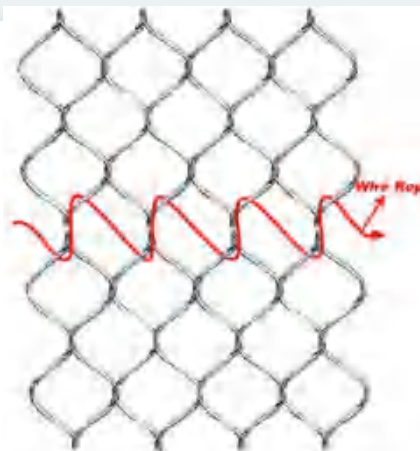
### Increase the length – Wire Rope

Use the wire ropes to connect the two edges of two mesh, like stitching.



### Increase the length – Ferrule

Use the ferrules to connect the two edges of the two mesh



### Increase the height

Use the wire ropes to connect the two edges of two mesh, like stitching.

## Fittings & Tools

**Sewing rope –**  
AISI 304/316 material

Item	Rope Diameter		Construction
	mm	Inch	
AGFSR120	1.2	3/64	7 × 7
AGFSR160	1.6	1/64	7 × 7
AGFSR200	2.0	5/64	7 × 7
AGFSR240	2.4	3/32	7 × 7
AGFSR320	3.2	1/8	7 × 19



**Ferrules –**  
Aluminum Material

Item	Wire rope diameter (mm)
AGFAF120	1.2
AGFAF160	1.6
AGFAF200	2.0
AGFAF240	2.4
AGFAF320	3.2

Oval shape

8 shape



**Ferrules –**  
Stainless Steel Material

Item	Wire rope diameter (mm)
AGFSF120	1.2
AGFSF160	1.6
AGFSF200	2.0
AGFSF240	2.4
AGFSF320	3.2

Oval shape



**Ferrules with Eye –**  
Stainless Steel Material

Item	Wire rope diameter (mm)
AGFEF120	1.2
AGFEF160	1.6
AGFEF200	2.0
AGFEF240	2.4
AGFEF320	3.2

Ferrule with eye







Wire Rope Cutter	Item	Max. wire rope diameter (mm)	Length
	AGFFT500	1.0 – 20.0	500



Wire Rope Cutter – C9	Item	Max. wire rope diameter (mm)	Length
	AGFRC500	5.0	190 mm [7.5"]



Tool for Fix the Ferrules	Item	Max. wire rope diameter (mm)	Length
	AGFRC900	9.0	325 mm [12.8"]



Tool for Fix the Ferrules	Item	Max. wire rope diameter (mm)	Length
	AGFFT100	1.0 – 4.0	400 mm

Tool for Fix the Ferrules	Item	Max. wire rope diameter (mm)
	AGFFT400	1.0 – 4.0





# STAINLESS STEEL ZOO MESH

Strong and Flexible Protection & Enclosure for zoos

Stainless steel zoo mesh is more and more popular in zoos. It can provide better living space for birds while let humans interact better with animals. We can supply widest ranges of diameters and mesh sizes for birds, small animals and large and fierce animals.

- Bird aviary netting
- Eagle cage netting
- Parrots cage netting
- Monkey enclosure mesh
- Gorilla cage fence
- Tiger cage enclosure
- Lion cage mesh
- Leopard cage fence

- ✓ 304 & 316 stainless steel wire rope wire material is extremely durable and corrosion resistant for long lifespan and good performance.
- ✓ The hand woven knotted mesh (X-cross mesh) structure maximally increase the tensile strength and breaking load to prevent animals escaping.
- ✓ 7 × 7 or 7 × 19 structures is extremely strong to keep the animals from small birds to large animals in.
- ✓ Flexible mesh sizes and structures can satisfy most of animals in different growth stage.
- ✓ Smooth surface can protect feathers and furs from hurt and falling off.
- ✓ Supply good light and air transmission for better nature adaptation.
- ✓ Ideal for aviaries, animal cage and tunnel cage netting.







## Aviary Mesh / Bird Netting

- ✓ Soft structure protect furs from injury
- ✓ 304 or 316 stainless steel materials
- ✓ Walk-in aviary mesh and netting are available
- ✓ Parrots and other birds are available
- ✓ Flexible mesh apertures options
- ✓ Small apertures keep birds in enclosure and prevent escaping
- ✓ 7 × 7 wire rope construction
- ✓ Durable for long service life
- ✓ Assembly guidance and fittings are supplied

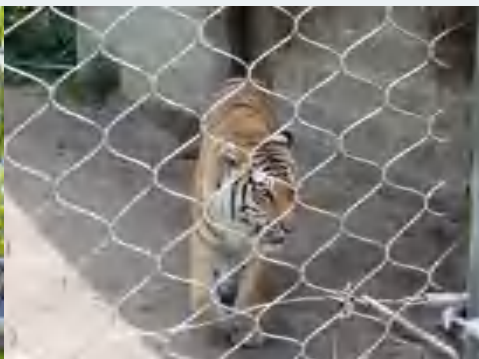
Item	Wire rope diameter		Mesh aperture		Construction	Sheet size m
	inch	mm	inch	mm		
AGZMA-1220	3/64	1.2	0.8" × 0.8"	20 × 20	7 × 7	20 × 8
AGZMA-1225	3/64	1.2	1" × 1"	25.4 × 25.4	7 × 7	20 × 8
AGZMA-1230	3/64	1.2	1.2" × 1.2"	30 × 30	7 × 7	20 × 8
AGZMA-1625	1/16	1.6	1" × 1"	25.4 × 25.4	7 × 7	20 × 8
AGZMA-1638	1/16	1.6	1.5" × 1.5"	38 × 38	7 × 7	20 × 8
AGZMP-1650	1/16	1.6	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMA-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMP-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8



## Tiger enclosure mesh

- ✓ Strong enough to withstand the fiercely impact
- ✓ Durable for long service life
- ✓ Both enclosure cage, cylindrical cage and barrier fences are available
- ✓ 7 × 7 or 7 × 19 rope structures
- ✓ 304 or 316 stainless steel materials
- ✓ Flexible mesh aperture options
- ✓ Assembly guidance and fittings are supplied

Item	Wire rope diameter		Mesh aperture		Construction	Sheet size
	inch	mm	inch	mm		m
AGZMT-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMT-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMT-2476	3/32	2.4	3" × 3"	76 × 76	7 × 7	20 × 8
AGZMT-3250	1/8	3.2	2" × 2"	51 × 51	7 × 19	20 × 8
AGZMT-3276	1/8	3.2	3" × 3"	76 × 76	7 × 19	20 × 8
AGZMT-32102	1/8	3.2	4" × 4"	102 × 102	7 × 19	20 × 8
AGZMA-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMP-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8







## Lion Enclosure Mesh

- ✓ Efficient and strong enclosure for lions
- ✓ Both enclosure cage, cylindrical cage and barrier fences are available
- ✓ 7 × 7 or 7 × 19 rope structures
- ✓ 304 or 316 stainless steel materials
- ✓ Flexible mesh aperture options
- ✓ Assembly guidance and fittings are supplied.

Item	Wire rope diameter		Mesh aperture		Construction	Sheet size
	inch	mm	inch	mm		m
AGZML-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZML-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8
AGZML-2476	3/32	2.4	3" × 3"	76 × 76	7 × 7	20 × 8
AGZML-3250	1/8	3.2	2" × 2"	51 × 51	7 × 19	20 × 8
AGZML-3276	1/8	3.2	3" × 3"	76 × 76	7 × 19	20 × 8
AGZML-32102	1/8	3.2	4" × 4"	102 × 102	7 × 19	20 × 8

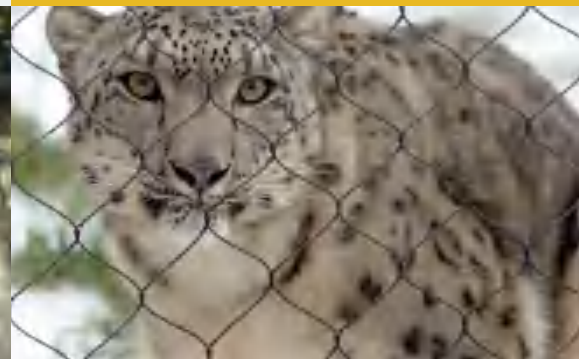
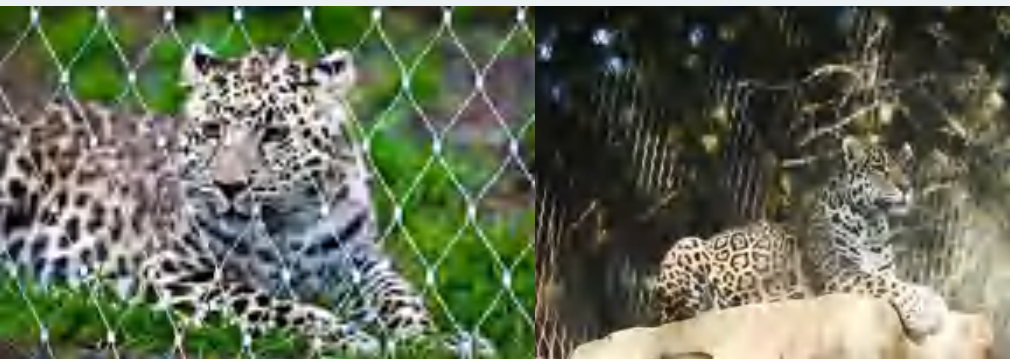




## Leopard Enclosure Mesh

- ✓ Efficient and strong enclosure for leopard
- ✓ Both enclosure cage, cylindrical cage and barrier fences are available
- ✓ 7 × 7 or 7 × 19 rope structures
- ✓ 304 or 316 stainless steel materials
- ✓ Flexible mesh aperture options
- ✓ Assembly guidance and fittings are supplied.

Item	Wire rope diameter		Mesh aperture		Construction	Sheet size
	inch	mm	inch	mm		m
AGZMLE-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMLE-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMLE-2476	3/32	2.4	3" × 3"	76 × 76	7 × 7	20 × 8
AGZMLE-3250	1/8	3.2	2" × 2"	51 × 51	7 × 19	20 × 8
AGZMLE-3276	1/8	3.2	3" × 3"	76 × 76	7 × 19	20 × 8
AGZMLE-32102	1/8	3.2	4" × 4"	102 × 102	7 × 19	20 × 8



## Gorilla Enclosure Mesh

- ✓ Efficient and strong enclosure for gorilla
- ✓ Both enclosure cage, cylindrical cage and barrier fences are available
- ✓ 7 × 7 or 7 × 19 rope structures
- ✓ 304 or 316 stainless steel materials
- ✓ Flexible mesh aperture options
- ✓ Assembly guidance and fittings are supplied

Item	Wire rope diameter		Mesh aperture		Construction	Sheet size
	inch	mm	inch	mm		m
AGZMG-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMG-2476	3/32	2.4	3" × 3"	76 × 76	7 × 7	20 × 8
AGZMG-3250	1/8	3.2	2" × 2"	51 × 51	7 × 19	20 × 8
AGZMG-3276	1/8	3.2	3" × 3"	76 × 76	7 × 19	20 × 8





## Monkey enclosure mesh

- ✓ Efficient and strong enclosure for monkey
- ✓ Both enclosure cage, cylindrical cage and barrier fences are available
- ✓ 7 × 7 rope structures
- ✓ 304 or 316 stainless steel materials
- ✓ Flexible mesh aperture options
- ✓ Assembly guidance and fittings are supplied

Item	Wire rope diameter		Mesh aperture		Construction	Sheet size
	inch	mm	inch	mm		m
AGZMM-1638	1/16	1.6	1.5" × 1.5"	38 × 38	7 × 7	20 × 8
AGZMM-1650	1/16	1.6	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMM-2038	5/64	2.0	1.5" × 1.5"	38 × 38	7 × 7	20 × 8
AGZMM-2050	5/64	2.0	2" × 2"	51 × 51	7 × 7	20 × 8
AGZMM-2450	3/32	2.4	2" × 2"	51 × 51	7 × 7	20 × 8







# SAFETY FENCE

Flexible, Versatile & Invisible Safety Solutions

Stainless steel wire rope mesh is important and perfect choice for combination of safety protection and aesthetic decoration. It is more and more popular in architecture building for functional and decorative uses.

- Balcony balustrade
- Staircase railings
- Corridor balustrade
- Communities
- Public building
- Parking garage
- Sports courts
- Heliports
- Bridge protections
- Public transport

- ✓ Pliable and invisible net structure with a wide ranges of rope diameters and mesh apertures will not block any views of beautiful scene.
- ✓ Flexible structure make it more possible in architecture construction and decorations.
- ✓ Stainless steel material is durable even being exposed in the outdoors and harsh environments.
- ✓ Strong and firm structure supplies perfect protections for peoples' safe.
- ✓ It requires little or no maintenance to save project costs.
- ✓ Wide ranges of applications make it worthy for its costs.

# *Safety Fence*







# BRIDGE SAFETY

**Inconspicuous &  
Durable Safety Solution**

Bridges are commonly seen in our life. The bridge safety is important to protect peoples' safety and for suicide prevention. Warning signs are in no way adequate. Fall stop nets and safety fences are designed and higher railings are installed. Our stainless steel rope mesh is regarded as the perfect solution to both safety protection and architectural aesthetics.

It has strong, flexible and durable structure to prevent people from falling down. Besides, the low visibility can blend with the architectonic circumstances and the local surrounding.



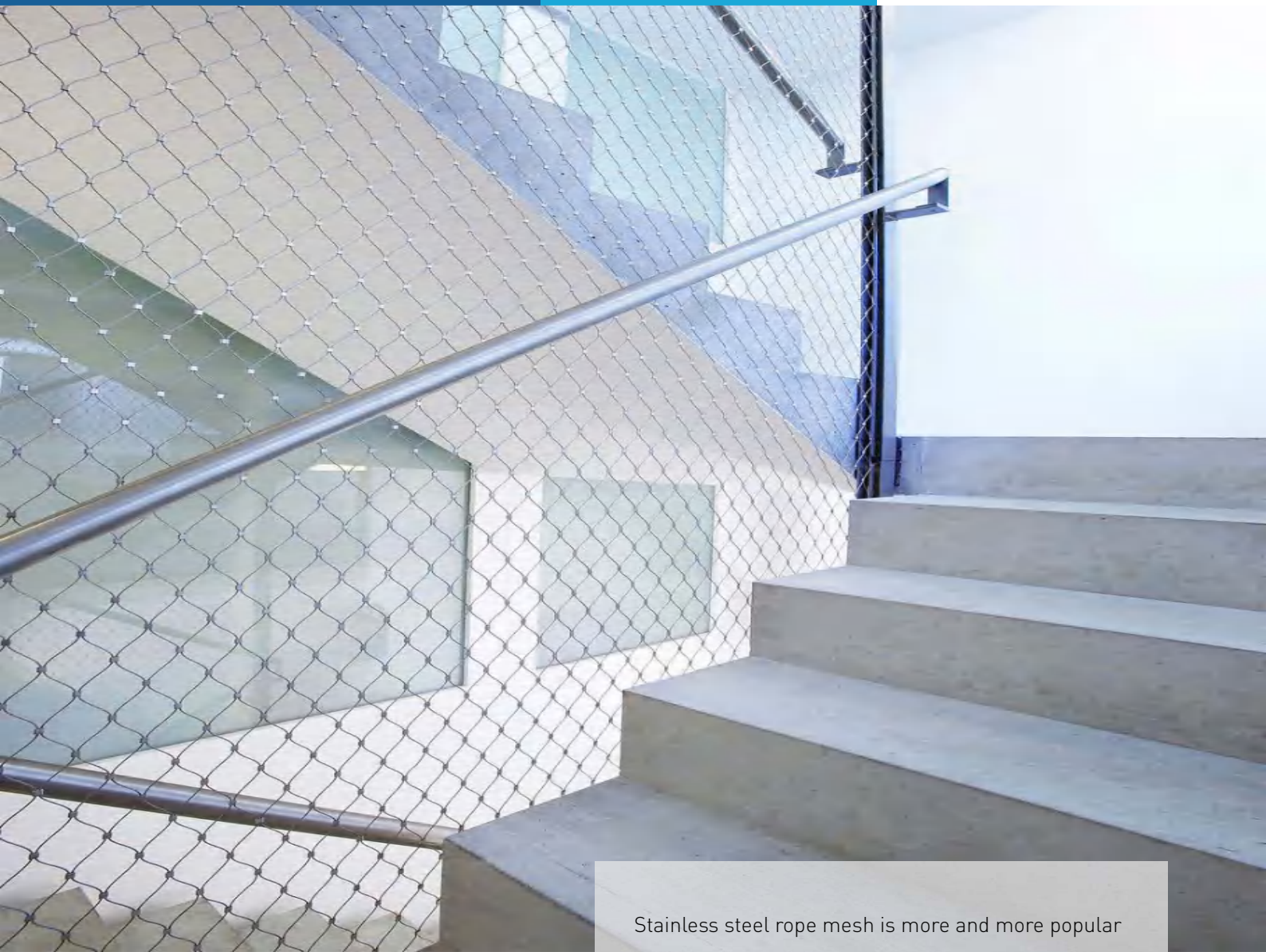
# — *Bridge Safety* —



*Inconspicuous & Durable Safety Solution*







# BALUSTRADES & RAILINGS

Creative & Decorative Safety Solution

Stainless steel rope mesh is more and more popular in balustrades and railings because of its high practical value paired with the unique visual neutrality. It is just as well suited for uses in private applications as for semi-public or public spaces. The stainless steel material is a combination of functionality and aesthetic understatement. Moreover, the stainless steel rope mesh railings and balustrades need less maintenance, so it is worthy for your projects

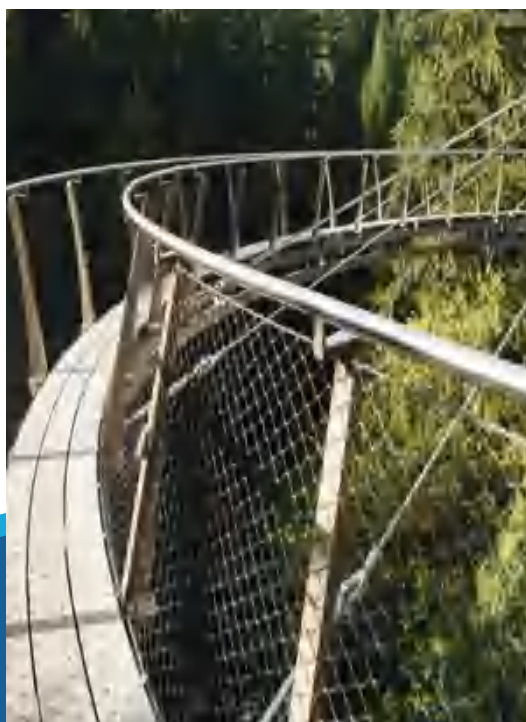
- Kindergarten and schools
- Museums and government offices
- Scenic areas
- Residential sites
- Platform bridges
- Commercial buildings
- Hospitals
- Shopping malls
- Pedestrian street
- Parks
- Balcony



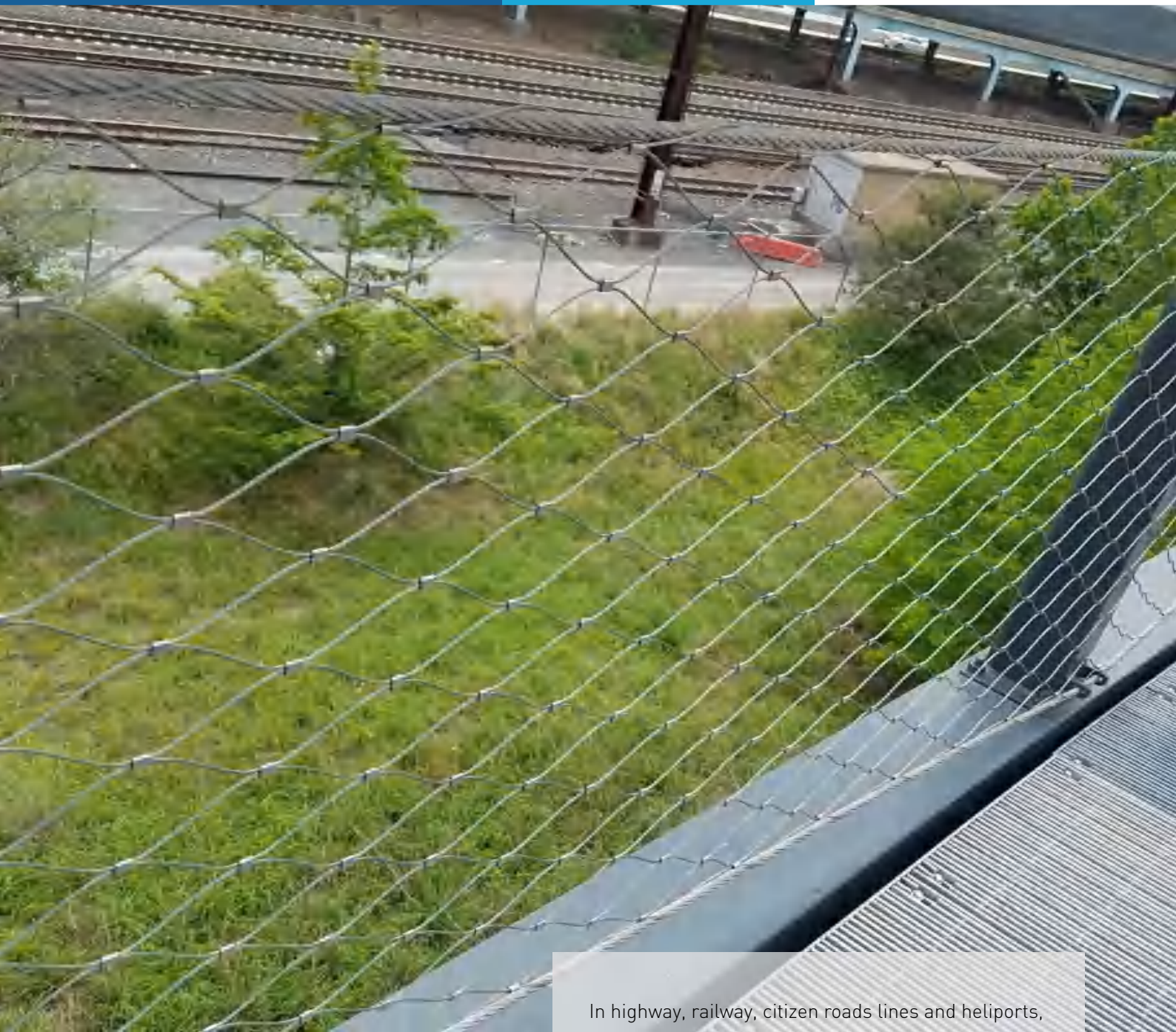
# — *Balustrades & Railings* —



*Creative & Decorative Safety Solution*







# PUBLIC TRANSPORT

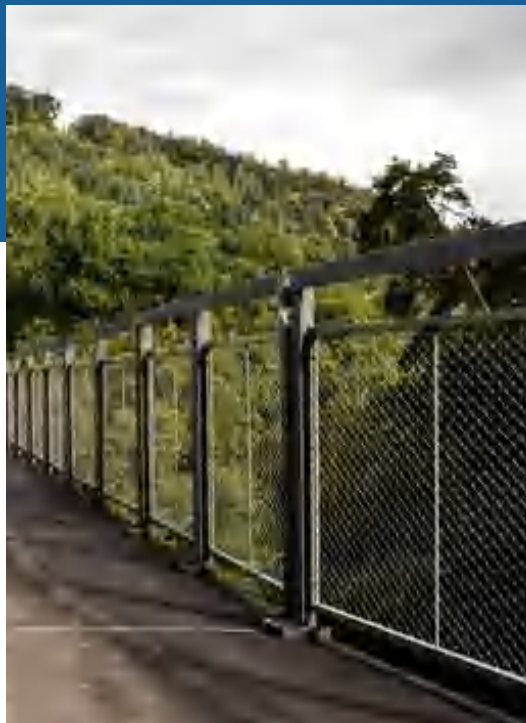
**Efficient, Durable & Strong Safety Solution**

In highway, railway, citizen roads lines and heliports, we must take good measure of people's safety. Stainless steel rope mesh has soft and flexible structure to increase the architectural architectural aesthetics. The most important is that the strong and durable structure can protect people from falling over or falling down. Besides, it needs less maintenance for durable use.

● Highway ● Railway ● Heliports ● Sky way



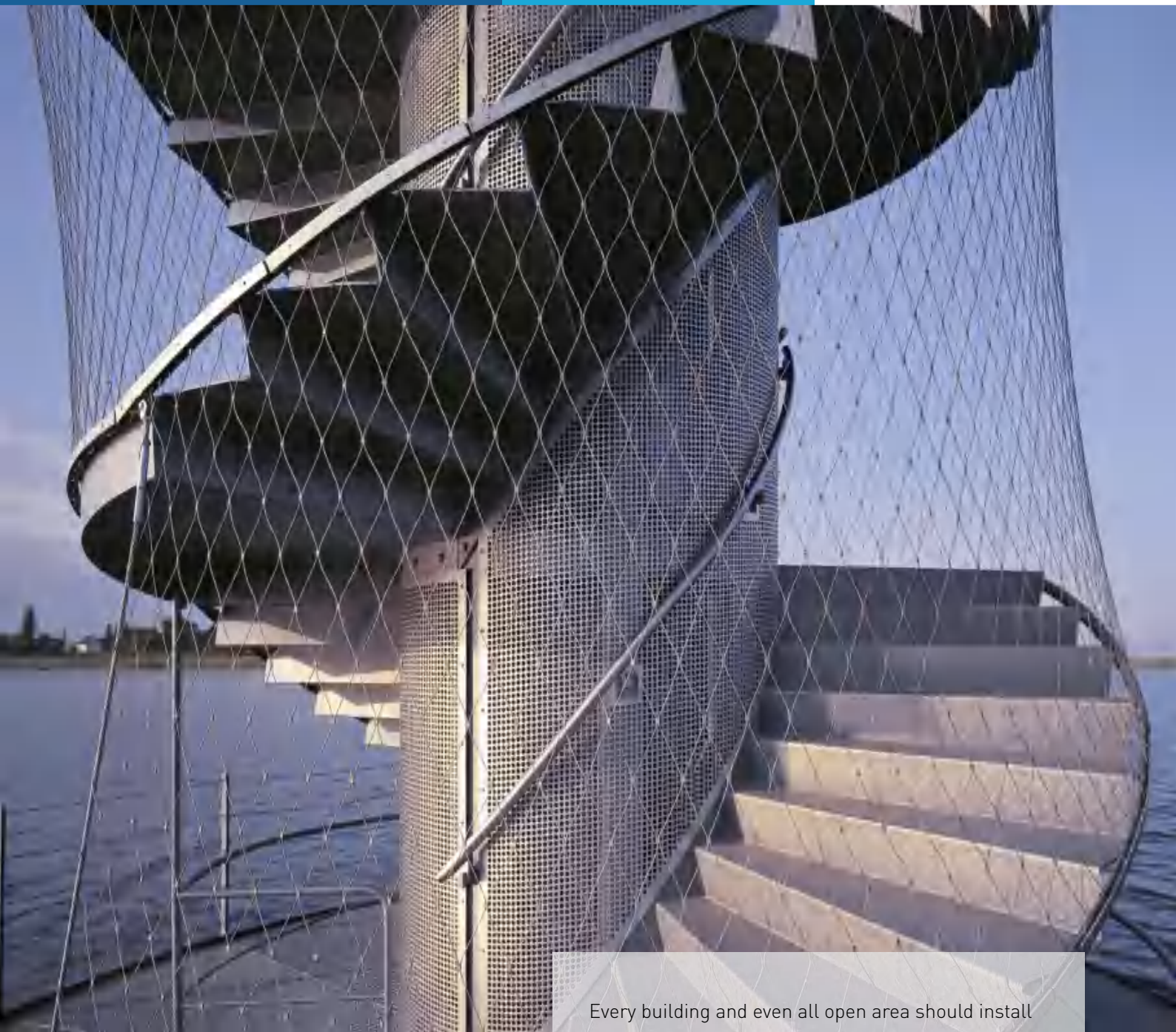
# — *Public Transport* —



*Efficient, Durable & Strong Safety Solution*







## BUILDING SAFETY

Large Open View & Asthetic Safety Solution

Every building and even all open area should install safety fences and barriers. Stainless steel rope mesh has soft, low visible and flexible structures. It can not only give you large open views but protect your safe at the same time. It is commonly seen in lots of open areas in building designs. Moreover, its soft and flexible structures make more possible in building designs, decorations and facades.

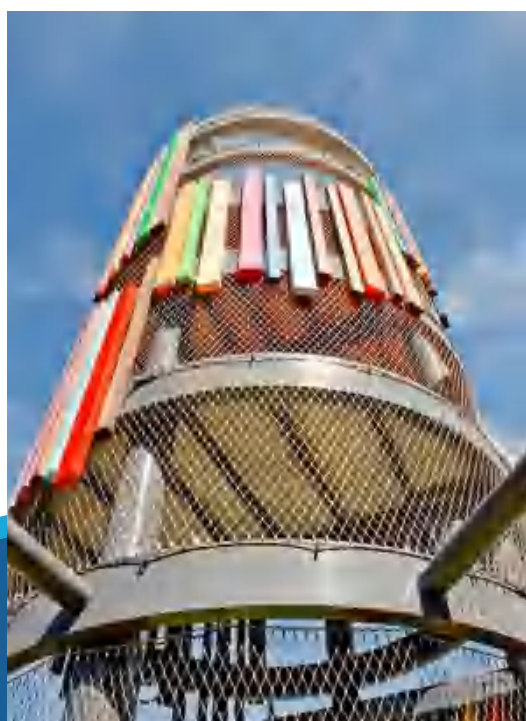
- Staircase enclosures
- Parking lots
- Building facades
- Rooftops
- Balcony



# — Building Safety —



Large Open View & Aesthetic Safety Solution







## SPORTS & FUN

### Fun and Ball Stop Netting Combination

Stainless steel rope mesh have countless applications in the realm of sports. It is invisible and without block any views of fans and viewers. Besides, it is without any noise when the balls hits the net. Moreover, the stainless steel structure is virtually durable and free maintenance. Sometimes, the stainless steel rope mesh can be made into entertainment facilities in some amusement parks and entertainment venues. The stainless steel rope meshes can protect lights and other installations on the ceilings from the impact of balls. It can also protect views on the stand from balls.



# — Sports & Fun —



## Fun and Ball Stop Netting Combination





# GREEN WALLS

Elegant, Sustainable & Cost-effective Green Wall Solution

Stainless steel rope mesh can help you and your project form a distinctive green wall in interior design and facade decoration.

Green walls are more and more popular in our life. It can help clean air, regulate temperature and reduce noise. Besides, the biodiversity and wildlife habitats permit limitless designs and aesthetic improvement. Moreover, it can provide excellent educational opportunities when installed in schools.

## Supply

### ✓ Stainless steel rope mesh

- ➊ Rope mesh is manufactured from high grade stainless steel cables of 304, 316 or 316L.
- ➋ Available in ferrule type and hand woven knotted types.
- ➌ Black oxide or other colors can be customized as your requirements.
- ➍ Different diameters and mesh sizes for different plants.
- ➎ Flat surface and three-dimensional types, including funnel-like, cylindrical and spherical.

### ✓ Sewing mesh

### ✓ Installation accessories and fittings

### ✓ Installation tools

Item	Cable Diameter	Hole Size	Normal Break	Material
RMGW-01	3/32" (2.4 mm)	2.5" x 2.5"	920 LBS	SS304/316/316L
RMGW-02	3/32" (2.4 mm)	3" x 3"	920 LBS	SS304/316/316L
RMGW-03	3/32" (2.4 mm)	4" x 4"	920 LBS	SS304/316/316L
RMGW-04	5/64" (2.0 mm)	2.5" x 2.5"	676 LBS	SS304/316/316L
RMGW-05	5/64" (2.0 mm)	3" x 3"	676 LBS	SS304/316/316L
RMGW-06	5/64" (2.0 mm)	4" x 4"	676 LBS	SS304/316/316L





✓ **Lightweight**

Compared with other modular system, stainless steel rope mesh is flexible and lightweight for installation and replacement.

✓ **Strong and durable**

Stainless steel material and strong ferrule structure guarantee the durable lifespan.

✓ **High adaption**

The most durable stainless steel materials can withstand the most serious corrosion and rust. It can be in good performance even in the harshest marine and other environments.

✓ **Easy installation**

All types of rope meshes and components can be supplied for you to eliminate your installation worries.

✓ **Less maintenance**

It need less maintenance to save your labor and time costs.

✓ **Cost effective**

Its durable life, flexible structure and less maintenance is superior to traditional modular designs.

✓ **Diverse plants**

Plants can eight be grow up the green wall system or cascade down, but in either case maintenance is simple and straightforward and is carried out at the planter level.

✓ **Space saving and absolutely recycled**

It is completely recyclable and occupying little embodied energy per square meter in building and the system.



# — Green Walls —



*Elegant, Sustainable & Cost-effective Green Wall Solution*



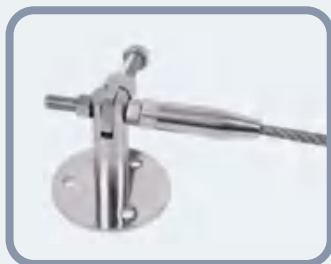
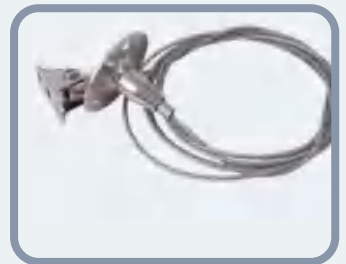
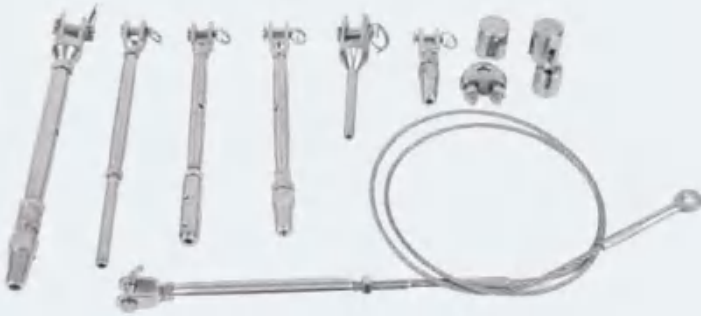
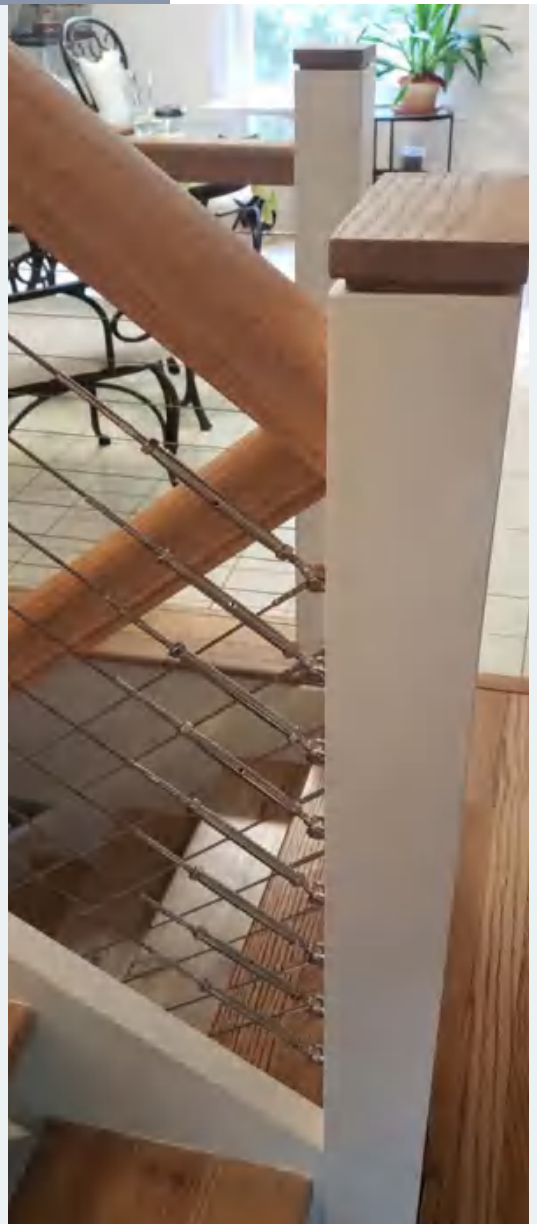


# *Green Walls*



# Stainless Steel Rope System

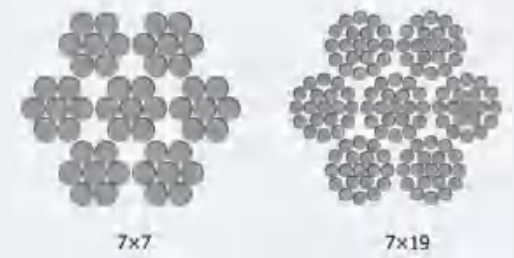
Stainless steel rope system is a common building decoration material. Its excellent performance and beautiful appearance make it widely used in the fields of architecture and landscaping design. The system consists of wire rope, wire rope clips and rigging. Made of 304, 304L, 316, 316L stainless steel, it has excellent corrosion resistance and long service life and requires little maintenance cost. In the design, the wire rope not only serves as a fixing for the design elements of the facade, but can also be suspended overhead the building without additional support. In addition, stainless steel wire rope systems are commonly used as balustrade infills.





# Wire Rope

Wire ropes are key component used in construction and safety & security applications. Each and every application and installation requires specific qualities to achieve its desired goals, for example, greater flexibility, high wear resistance and non-swivel structure, etc. Meanwhile, it ensures the reliability, safety and durability of the system.



Item	Size (mm)	Reference Weight (100 m/kg)	Minimum Breaking Force (KN)	Maximum Load Bearing (kg)
7 × 7	1	0.4	0.637	65
	1.2	0.65	1.2	122.4
	1.5	0.93	1.67	170.4
	1.8	1.35	1.96	201.5
	2	1.6	2.25	229.6
	3	3.7	6.37	650
	4	6.5	9.51	970.4
	5	10.3	14.7	1500
	6	14.8	18.6	1898
	8	26.3	40.6	4142
7 × 19	2	1.6	2.08	212.2
	2.5	2.5	3.1	311
	3	3.6	4.69	478.6
	4	6.4	10.7	1091.8
	5	10	17.4	1775.5
	6	14.4	23.5	2398
	8	25.6	33.35	3403.1
	10	40	52.12	5318.4
	12	57.6	75.05	7658.2
	14	78.4	102.16	10424.5
	16	102.4	133.43	13615.3
	18	130	168.88	17232.7
	20	160	208.49	21274.5
	24	230	300.23	30635.7
	26	270	352.35	35954.1

## Wire Rope Clip

Stainless wire rope clips are an kind of accessory used to secure stainless steel wire ropes and generally installed at the edge of stainless steel wire ropes to hold them in place. Usually made of stainless steel, rope clips have excellent corrosion resistance and strength and can be used in a variety of outdoor applications.



DIN714 Wire Rope Clip  
Size: 3–26 mm



Wire Rope Cross Clip  
Size: 2–12 mm



Flexible Net Clip  
Size: 2–6 mm



Green Wall Post  
Size: 3–5 mm



Green Wall Post  
Size: 3–5 mm

Stainless Steel Wire Rope Clips

Green Wall Post

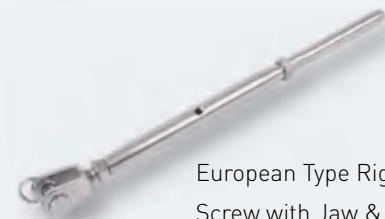
## Rigging

Rigging, also known as terminals, can be used to connect stainless steel wire ropes with buildings, you may choose different types of wire rope rigging based on specific applications.

Rigging Screw with Swage



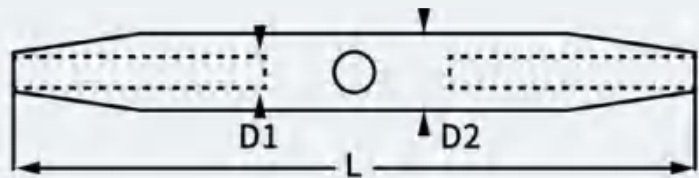
Rigging Screw with  
Swageless Fork



European Type Rigging  
Screw with Jaw & Swage



Rigging Screw with  
Swageless Stud




SIZE	D1	L (mm)	D2 (mm)
AG-M5	M5	80	8
AG-M6	M6	95	10
AG-M8	M8	105	13
AG-M10	M10	125	17
AG-M12	M12	150	21
AG-M14	M14	165	21
AG-M16	M16	190	26.5
AG-M20	M20	210	33.5




## Terminals

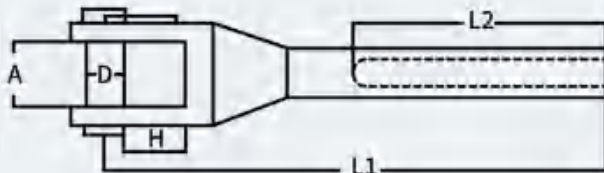
Terminals

A photograph of a Machined Fork Swage Terminal, showing a long, tapered metal rod with a forked end and a circular base.

Machined Fork Swage Terminal

A photograph of a Swageless Welded Fork Terminal, showing a shorter, wider metal rod with a forked end and a circular base.

Swageless Welded Fork Terminal

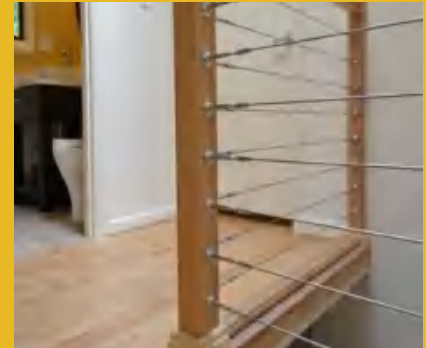
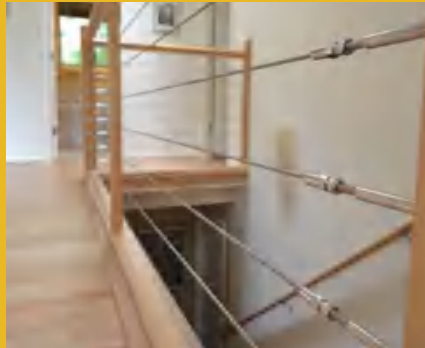
A technical diagram of a terminal showing dimensions A, D, H, L1, and L2. The diagram illustrates the cross-section and length of the terminal, with L1 representing the total length and L2 representing the length of the forked section.

SIZE	WIRE (mm)	L1 (mm)	L2 (mm)	A (mm)	D (mm)	H (mm)	D2 (mm)
AG-3	3	73	39	7.5	6	10	6.5
AG-4	4	86	45	11	8	11	7.5
AG-5	5	100	52	12	9	14	9
AG-6	6	128	64	14	12	20	12.5
AG-7	7	135	70	15	12	22	14.2
AG-8	8	155	80	17	16	26	16

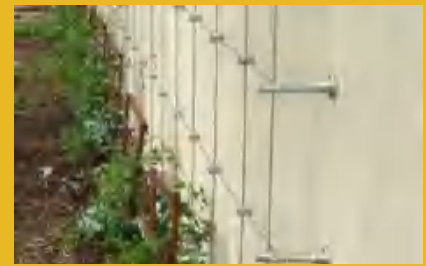
## Application

### Railing Infill

Stainless steel rope system is a common railing infill material. It is widely used in architecture, landscape design, and other fields due to its excellent performance and aesthetic appearance. It can provide safety protection for buildings without compromising the overall aesthetic. Additionally, it is also known for its corrosion resistance and durability, making it increasingly popular.



### Green Wall System





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