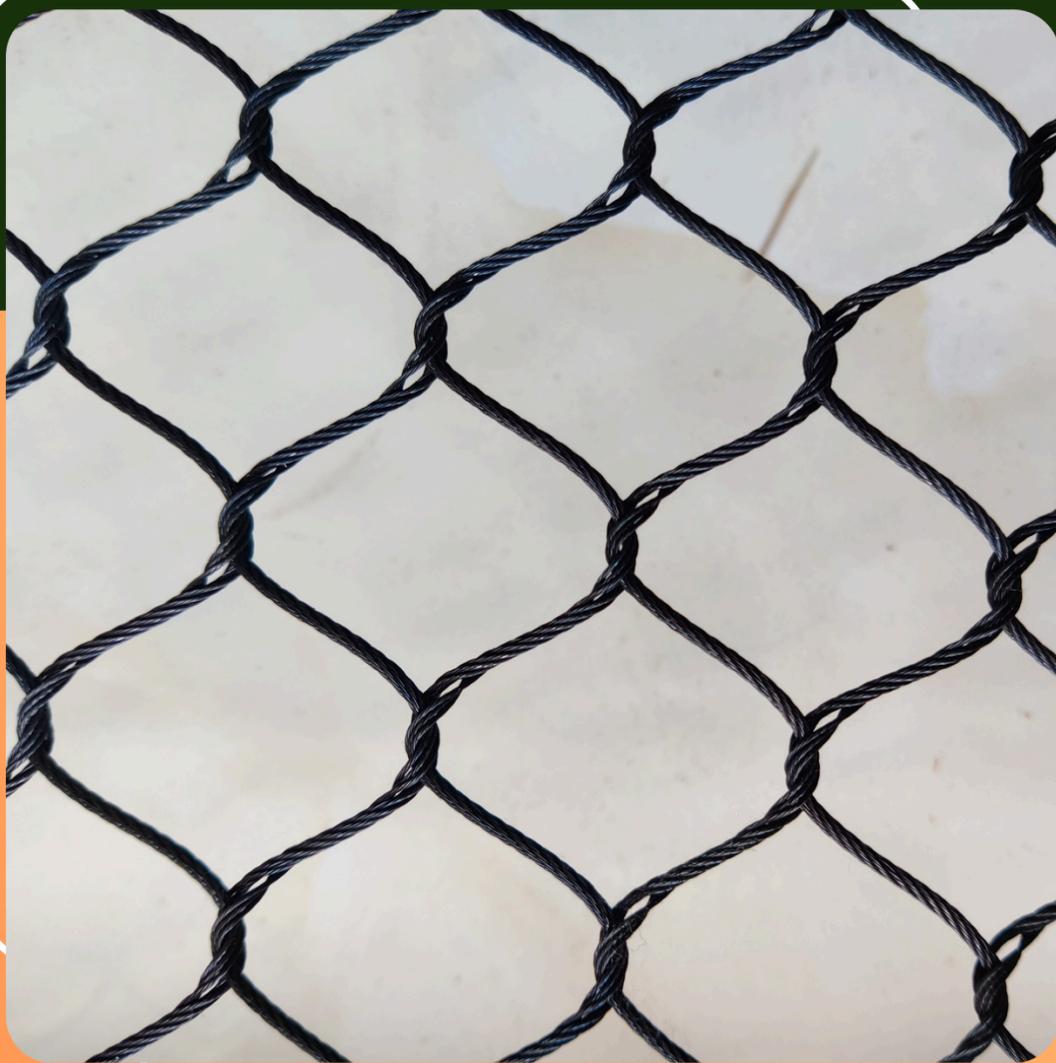




Shijiazhuang Netting Trading Co., Ltd



INSTRUCTION MANUAL & PRODUCT SUMMARY

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<https://hebmetalmesh.com>
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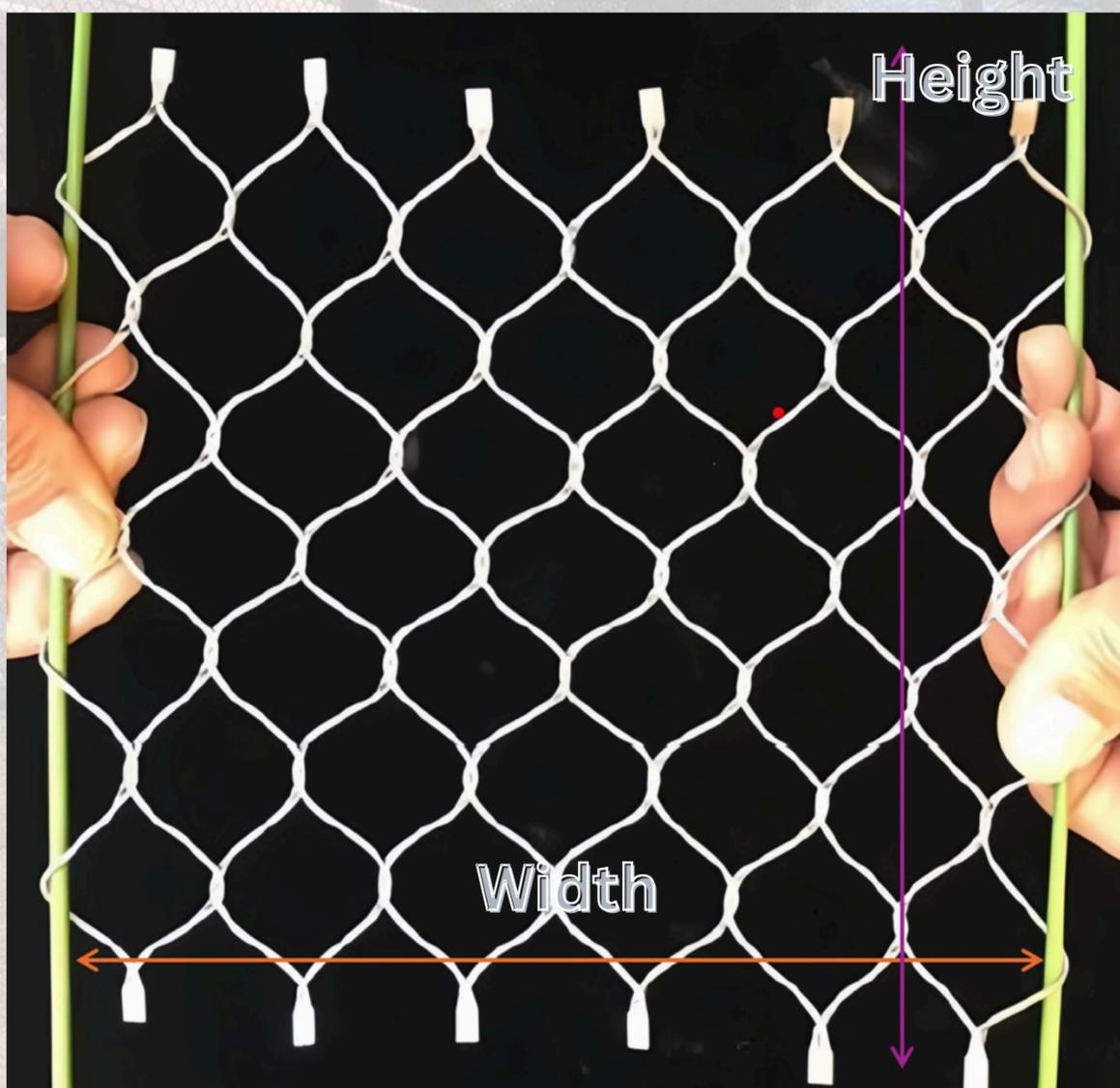


Stainless Steel Rope Mesh Installation Guide

Handwoven stainless steel rope mesh is a highly flexible, "diamond-mesh" material. Unlike rigid welded wire, it behaves like a fabric. Proper installation is key to achieving that professional, high-tension look seen in world-class zoo exhibits.

Understanding Mesh Orientation (H vs. W)

Generally speaking, the direction of the mesh sealing is referred to as the width, and the two side edges are referred to as the height, as shown in the figure.





Required Tools

To ensure a smooth installation, gather the following tools:

- **Wire Rope Cutters:** High-leverage cutters for trimming mesh edges and lacing wire.
- **Cable Puller / Come-along:** To apply initial tension to large panels.
- **Lacing Wire:** Stainless steel wire (usually the same diameter as the mesh cable).
- **Zip-ties or Clamps:** For temporary positioning.
- **Protective Gloves:** Stainless steel cables can be sharp at the cut ends.

Framing Options

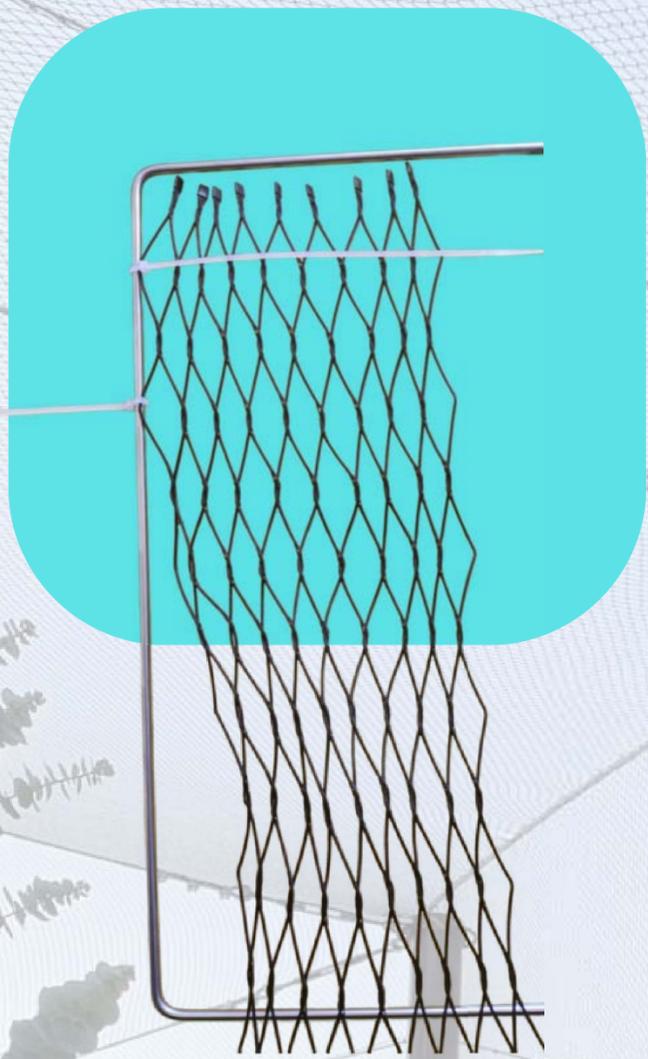
The mesh must be attached to a rigid structure. The two most common methods are:

1. **Rigid Pipe/Tube Frame:** The mesh is laced directly around a stainless steel pipe.
2. **Border Cable Frame:** A thick perimeter cable is run through the "eyes" of the mesh and tensioned to the main posts.



Step 1

secure the upper left corner of the mesh sheet to the frame (usually using cable ties, plastic ties, or stainless steel ties), fixing it through 2 to 5 holes.



Step 2

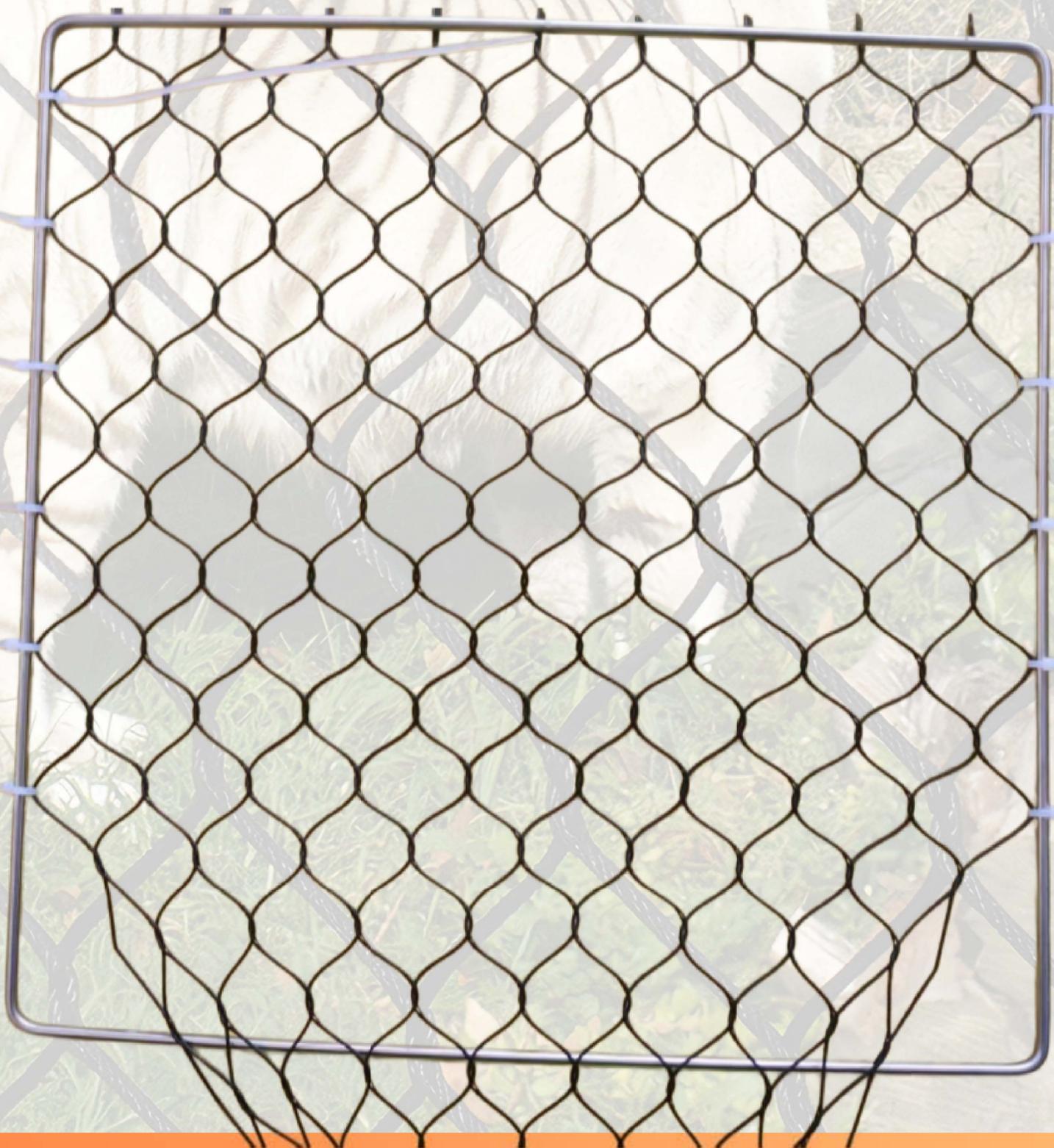
Then, stretch the mesh sheet and secure the upper right corner.





Step 3

Work downwards from both sides, roughly synchronously, until the entire mesh sheet is roughly laid out on the frame.





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Finally, use lacing cable instead of cable ties to secure it.



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Available specification sheets and maximum mesh sheet sizes

Product ID	Diameter	Mesh Aperture	Maxi Roll Size
HM32102	1/8" (3.2mm)	4" x 4" (102mm x 102mm)	30' x 60'
HM3276	1/8" (3.2mm)	3" x 3" (76mm x 76mm)	30' x 60'
HM3250	1/8" (3.2mm)	2" x 2" (51mm x 51mm)	30' x 60'
HM24102	3/32"(2.4mm)	4" x 4" (102mm x 102mm)	30' x 60'
HM2476	3/32"(2.4mm)	3" x 3" (76mm x 76mm)	30' x 60'
HM2450	3/32"(2.4mm)	2" x 2" (51mm x 51mm)	30' x 60'
HM20102	5/64"(2.0mm)	4" x 4" (102mm x 102mm)	30' x 60'
HM2076	5/64"(2.0mm)	3" x 3" (76mm x 76mm)	30' x 60'
HM2050	5/64"(2.0mm)	2" x 2" (51mm x 51mm)	30' x 60'
HM2038	5/64"(2.0mm)	1.5" x 1.5" (38mm x 38mm)	30' x 60'
HM16102	1/16"(1.6mm)	4" x 4" (102mm x 102mm)	30' x 60'
HM1676	1/16"(1.6mm)	3" x 3" (76mm x 76mm)	30' x 60'
HM1650	1/16"(1.6mm)	2" x 2" (51mm x 51mm)	30' x 60'
HM1638	1/16"(1.6mm)	1.5" x 1.5" (38mm x 38mm)	30' x 60'
HM1625	1/16"(1.6mm)	1" x 1" (25mm x 25mm)	25' x 60'
HM12102	3/64"(1.2mm)	4" x 4" (102mm x 102mm)	30' x 60'
HM1276	3/64"(1.2mm)	3" x 3" (76mm x 76mm)	30' x 60'
HM1250	3/64"(1.2mm)	2" x 2" (51mm x 51mm)	30' x 60'
HM1238	3/64"(1.2mm)	1.5" x 1.5" (38mm x 38mm)	30' x 60'
HM1225	3/64"(1.2mm)	1" x 1" (25mm x 25mm)	25' x 60'