

# Tensioned Cable Estimate Worksheet

The following estimating standards will help you find the proper quantities of cable and cabling hardware needed when installing Nixalite® bird netting with a tensioned perimeter and support cable system. **Before using this worksheet** you must have accurate dimensions of the areas to be protected with bird netting. For planning steps, see the Planning A Bird Net Installation brochure from Nixalite®.

## Net Cable:

250 foot spool = 225' of installation.

500 foot spool = 450' of installation

**NOTE:** Coverage is always less than spool capacity due to extra cable used for cable connections.

**NOTE:** include any support cable footage in your totals. Nixalite does not break spools or cut cable to length.

## Maximum continuous cable length:

**25 feet** with small turnbuckles.

**50 feet** with medium & large turnbuckles.

## Connection Hardware:

Hardware used to fasten the cable to corner hardware (large eye bolts or screw eyes) and turnbuckles.

### Hardware needed for each connection:

**Ferrules:** 2 each. For cable runs UP TO 25 feet long.

**Wire Rope Clamps:** 2 each. **REQUIRED** for cable runs of 25' to 50'. Optional for cable runs less than 25'.

**Nixalite recommends clamps for all connections.**

**Thimbles:** 1 per connection. **REQUIRED** for wire rope clamp connections. Recommended for ferrule connections.

## Turnbuckles:

There is ALWAYS one turnbuckle per run of cable. NEVER go around a corner or curve without adding a turnbuckle to the estimate.

Note: Add 1 Turnbuckle for every support cable.

### Maximum Distance Between Turnbuckles:

Small Turnbuckles: **25 feet.**

Medium & Large Turnbuckles: **50 feet.**

## Corner Hardware:

### Maximum Spacing: 50 feet.

NEVER go around a corner or curve without adding additional corner hardware. Match the installation surface to the proper hardware.

Side Note: Add 2 corner hardware sets for every support cable.

**Wood:** Large screw eyes.

**Masonry:** Large eye bolts with screw anchors.

**Sheet Metal:** Large screw eyes (**NOTE 1**).

**Steel & Iron:** Large eye bolts with hex nuts.

## Cable Guide Hardware:

Used to guide the cable between the corner hardware. Choose guide hardware that best suits the application.

### Maximum Spacing: 2 feet.

**Wood:** EZClip, small screw eyes, and sidewinders.

**Masonry:** EZClip, cotter pin/anchor, small eyebolts with screw anchors, and sidewinders.

**Sheet Metal:** EZClip, small screw eyes<sup>1</sup>, and sidewinders (**see note 1**).

**Steel & Iron:** EZClip, small eye bolts with hex nuts, sidewinders, flange clips.

## Net Rings:

2,500 count boxes. **We do not break boxes.** Do not use Net Rings directly on PollyNet. Use Poly Clips - see Poly Hardware Installation Sheet (from Nixalite).

Recommended Net Ring Usage:

**Use one Net Ring for each netting mesh.**

**Cable attachment: 1 ring / mesh.**

**Seams: 1 ring / mesh** (on both sides of seam).

**Zippers: 1 ring / mesh** (on both sides of zipper).

**Note 1:** Usage depends on thickness of sheet metal. Thick sheet metal may require an eyebolt with nut.

**See the back of this page for Cable Installation Guidelines and Examples**



**Nixalite® of America Inc.**  
1025 16th Avenue East Moline, IL. 61244  
Experts In Architectural Bird Control Since 1950

**Phone:** 800.624.1189 or 309.755.8771

**Fax:** 800.624.1196 or 309.755.0077

**Email:** [birdcontrol@nixalite.com](mailto:birdcontrol@nixalite.com)

**Web:** [www.nixalite.com](http://www.nixalite.com)



*Where the World Shops for Humane Bird and Animal Control.*