



Bird Exclusion Specialists
No Fly Zone, Inc.

ARCHITECTURAL SPECIFICATIONS

TENSION WIRE SPECIFICATIONS

No Fly Zone, Inc.

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MR-Manufacturer

No Fly Zone, Inc. 1 Steven Ave
Tinton Falls, New Jersey 07724

PR-Product Presentation

Tension Wire systems are used worldwide to deter pigeons and larger birds from roosting on exposed building ledges, parapets, window sills, pipes and roof peaks. The system features hard-to-see ultra violet protected, nylon coated stainless steel wire spring-tensioned between stainless steel posts.

Very Discreet

The advantages of Tension Wire include its wide array of installation options, and the fact that it is extremely hard to see, even close up. It is the clear choice for high pedestrian, high-end structures like historic buildings, hotels, museums, shopping centers and residences.

Many Options and Configurations

Tension Wire posts are available in various lengths and configurations, allowing for installation on literally any building situation. Special clamps allow for installation on pipes, rain gutters, skylights, roof peaks, narrow ledges, corners and literally any surface where pest birds are posing a problem. Stainless steel split pins can replace posts on window ledges where opposing walls face one another.

UA-Uses, Applications

No Fly Zone, Inc. Tension Wire can be used to deter a wide variety of birds (pigeons and larger) from landing on light to medium pressure exposed ledges. The tensioned wires de-stabilize the landing platform, causing the birds to take their business elsewhere. The Tension Wire components can be used in combination to cover any width ledge. Tension Wire is not recommended for swallows, sparrows or starlings. Tension Wire requires knowledgeable installers, as the many attachments, springs and wires make up a product line which cannot just be pulled out of the box and mounted ready-to-go onto a surface. Other No Fly Zone, Inc. ledge products are much easier to install.

AI-Assembly, Installation

No Fly Zone, Inc. Tension Wire is run in long sections along the length of the ledge, pipe, gutter or other mounting surface. Bird Posts are mounted to the



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building by drilling in to the substrate, or by attaching stick-on bases with No Fly Zone Super Bond. The posts should be placed no more than 5 feet apart. Ledges of 1 to 2 inches wide require only one row of Tension Wire. Wider ledges, however, will require a row every two and a half inches. A 9 inch ledge, for example, would require 3 rows for total protection.

MF-Materials, Finishes

All components of the Tension Wire system are made from stainless steel or ultra-violet stabilized plastic. The wire itself is very thin braided stainless steel wire coated with a ultra-violet stabilized nylon coating.

TS-Technical Support

No Fly Zone, Inc. knowledgeable field representatives are available to assist in any aspect of evaluation, product recommendation.. Call 866 NO FLY 99, or fax drawings and other pertinent information to 732-219-0688. Free literature, job evaluation worksheets and installation information is available.

SPECIFICATION GUIDELINES

General

1.1 Description

1.1.1 Install No Fly Zone, Inc. Tension Wire on exposed ledges where birds loaf but do not nest, to prevent loafing and damage from droppings.

1.2 Quality Assurance

1.2.1 Obtain technical literature from manufacturer or distributor, telephone consultation and plan/photograph evaluation.

1.2.2 Utilize certified installation companies in your area who are fully skilled with No Fly Zone, Inc. products, and carry the proper insurance coverage.

1.2.3 Utilize labor recommended by No Fly Zone, Inc. for especially challenging applications.

1.3 Submittals

1.3.1 Submit manufacturer's samples, catalog cuts, shop sketches and other descriptive material.

1.4 Product Handling

1.4.1 Protect No Fly Zone, Inc. Tension Wire from damage before, during and after installation.

1.4.2 If damage occurs to No Fly Zone, Inc. Tension Wire components, make all replacements immediately.

Products

2.1 Acceptable Manufacturer

2.1.1 No Fly Zone, Inc.

1 Steven Ave, Tinton Falls, New Jersey 07724, Toll Free Phone 866-NO FLY 99
Local 732-219-0688 Fax 732-219-0677



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2.2 Model Designation

- 2.2.1 Tension Wire Posts
- 2.2.2 Tension Wire mounting systems
- 2.2.3 Tension Wire stainless steel wire
- 2.3.4 Tension Wire crimping tool and masonry drill bits

Material

Tension Wire posts, springs, brackets, clamps

Material: 316 Stainless Steel
Height: Rods available 3.5", 4.5", 5.5", 6.5" and 8"
Tension Wire: 325 ft, 975 ft, 1625 ft.

2.3 Mounting Systems

- 2.3.1 Concrete, stone or brick by drilling into substrate: Insert nylon anchor rivet into a hole 1" deep by 1/4". Tension Wire post is hammered into this fitting.
- 2.3.2 Steel, sheet metal, or concrete, stone or brick with no holes in substrate: Use Tension Wire stick-on bases. Please experiment with the stick-on system before doing an entire job.
- 2.3.3 Sheet metal with small holes: Use Tension Wire stick-on bases and small self-tapping sheet metal screws through screw holes provided in base.

Execution

3.1 Examination

- 3.1.1 Examine installation area. Notify architect of detrimental work conditions.
- 3.1.2 Do not proceed until conditions are corrected.

3.2 Surface Preparation

- 3.2.1 Ledges and mounting surfaces must be clean, dry and free of peeling paint, rust, bird droppings or other debris. Bird droppings must be removed in a safe manner; large quantities should be removed and disposed of by reputable waste removal companies.
- 3.2.2 Remove or repair articles that may damage the Tension Wire system after installation, such as tree limbs, brush, and loose parts of the building.

3.3 Installation

- 3.3.1 Install Tension Wire as recommended in the installation instructions, which are supplied by the manufacturer. The first row of Tension Wire shall nearly overhang the outer edge of the ledge. This can be accomplished by bending the outer post once it is inserted in the anchor rivet..
- 3.3.2 Tension Wire shall cover the complete ledge, not just the outer perimeter. Tension Wire shall extend to each corner. Tension Wire is an anti-landing device, not a barrier. No more than 2.5" can be left between rows or wire, and no more than 5 feet can be left between posts lengthwise along the ledge.
- 3.3.3 Tension Wire shall be installed in lengths of no more than 10' per section of wire. Every 10' there shall be a spring and termination of the wire section. The next 10' section simply continues from the same post.



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3.4 Inspection

3.4.1 Visually inspect the Tension Wire for loose wires or other problems related to poor installation or surface preparation.

3.4.2 Repair as necessary immediately.

OM-Operation, Maintenance

If the Tension Wire is installed per our specifications, the product should be virtually maintenance free. Occasionally birds might drop debris in the wire in an attempt to build a nest, but the debris should be released by natural forces. Nest building is a characteristic of heavy-pressure sites, and if the birds attempt to nest upon the Tension Wire it was miss-specified and should be correctly specified a different product.

END OF SPECIFICATIONS