

Section 108113  
BIRD CONTROL DEVICES

**PART 1 – GENERAL**

**1.1 SUMMARY**

- A. This Section includes:
  - 1. **PE-Plus Premium Grade Bird Net** to prevent birds from entering, roosting and nesting in areas where they are unwanted, and prevent damage from droppings and nesting materials.

**1.2 CONFORMANCE SUBMITTALS**

- A. Substitute Products: No substitute products will be accepted.
- B. Product Data: Submit manufacturer's samples, catalog cuts, shop sketches and other descriptive materials.

**1.3 CLOSEOUT SUBMITTALS**

- A. Maintenance Data

**1.4 QUALITY ASSURANCE**

- A. Single Source Responsibility: Netting and all parts specified in this section will be supplied by a single manufacturer.
- B. Obtain technical literature from the specified manufacturer, telephone consultation and plan/photograph evaluation.
- C. Utilize labor or Bird-X authorized installers who are certified in Bird-X Product installations. Proof of certification required.

**1.5 PRODUCT HANDLING**

- A. Protect PE-Plus Premium Grade Bird Net and hardware system from damage before, during and after installation.
- B. If damage occurs to PE-Plus Premium Grade Bird Net, make all replacements immediately.

**1.6 WARRANTY**

- A. 10-year minimum warranty against material defects and workmanship for black netting, 3-year minimum warranty for white and stone netting.

**PART 2 – PRODUCTS**

**2.1 ACCEPTABLE MANUFACTURER**

- A. Bird-X, Inc. (Basis of Design)  
845 N Larch Ave., Elmhurst, IL. 60126  
Phone: 800.662.5021, Fax: 312.226.2480;  
Email: [solutions@bird-x.com](mailto:solutions@bird-x.com)  
[www.bird-x.com](http://www.bird-x.com)

## 2.2 PRODUCT DESCRIPTION

- A. Model Designation:
  - 1. PE-Plus Premium Grade Bird Net (NET-PE)
- B. Size: ¾", 1 1/8", or 2"
- C. Color: Black, White, Stone

## 2.3 MATERIAL

- A. **Material:** U.V. Stabilized knotted HDPE net. Non-conductive, flame resistant, rot-proof, waterproof, and stable in subzero temperatures.
- B. **Construction:** 12/6 construction – 6 monofilaments of UV protected HDPE yarn, each 0.012 inch in diameter.
- C. **Sizes:** As required
- D. **Break strength:** ISO 1806 / 9001 protocol mesh tested in excess of 40lbs. Proof of Test Certification Available.
- E. **ISO 1806 Mesh Strength Test:** Peak Load 575 lbs force
- F. **24" Wide Span Orthogonal Strength Test:** Peak load 575 lbs force
- G. **Electrical Properties:** Non-conductive
- H. **UV Stability:** UV protection system of Hindered Amine Light Stabilizers (HALS), Anti-oxidants and weather resistant pigments formulated exclusively for Bird-X.
- I. **Thermal Properties:** Melting point in excess of 270 degrees F. Flame resistant. Can be heated for short periods of time in excess of 500 degrees F.
- J. **Flammability:** Burns slowly in air. Fine filaments tend to melt and drop away before propagating flame.

## 2.4 MOUNTING SYSTEMS

- A. **Hardware:** stainless steel recommended for all exterior applications
  - 1. Corner/Primary Attachments
  - 2. Intermediate Attachments
  - 3. Stringing Wire/Cable
  - 4. Ferrules (Copper or Aluminum)
  - 5. Turnbuckles
  - 6. Net Rings

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Examine installation area. Notify Owner's Agent of detrimental work conditions.
- B. Do not proceed until conditions are corrected.

### 3.2 AREA AND SURFACE PREPERATION

- A. Remove existing bird droppings in a safe manner. Large quantities shall be removed and disposed. Work areas shall be cleaned, and repair work shall be done in areas which will be excluded by the PE-plus premium grade bird net.
- B. Remove or repair articles that may damage the PE-plus premium grade bird net after installation.

### **3.3 INSTALLATION**

- A. Install as recommended by the manufacturer.
- B. Correct mesh sizes shall be specified to ensure exclusion of the correct pest bird.
- C. Shall be installed tightly and securely to ensure a long-lasting installation that is visually hard to see.

### **3.4 INSPECTION**

- A. Visually inspect PE-plus premium grade bird net for poor adherence to mounting surfaces, or other problems related to poor installation or surface preparation.
- B. Repair as necessary immediately.