The Pier
Optical Gel solves a stubborn pigeon problem
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Flexible tubing wrapped with two stainless steel conductors repels birds and wildlife.

34 Bird-Flite®
The industry standard. Durable stainless steel spikes in Lexan base.

Bird Barrier America, Inc.
800-503-5444
310-527-8000
Fax: 310-527-8005
20925 Chico Street
Carson, CA 90746
www.birdbarrier.com
bbasales@birdbarrier.com

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A ready-to-use bait that controls the reproduction of treated birds.

48 Mist Nets
Capture small birds inside buildings and release outdoors with this high quality range.

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Bird Traps can be used to catch Pigeons, Sparrows and Starlings.

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Devices scare away birds using various sonic and ultrasonic waves.

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Chase or harass birds and other pests with a quick blast of water.

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Irritate birds’ olfactory & taste senses to drive them away.

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Reflective and holographic devices that scare birds away.

58 BatCone®
One way doors for bats, rodents and birds.
NEW PRODUCTS

Optical Gel STIQ
The only way to make Optical Gel better is to install it faster and win even more jobs (by keeping labor costs down). This clever tool snugly holds the dish with lid in its grip allowing the installer to press the dish in place and remove the lid quickly.

Optical Gel ZIP
A fast, easy and attractive way to attach Optical Gel to pipes, railings, vertical beam edges, etc. Slide the provided zip tie through the slot and zip to the tube, press the dish into the corner locks, and lift the lid. Done.

Optical Gel reformulated into OptiCA™ just for Canada.

Bird Breezer - Motion Bird Scarer
A highly visible rotating device that deters approaching birds from landing nearby. The Bird Breezer is most effective when installed in direct sunlight and requires only a slight breeze to rotate. Ideal for rooftops, chimneys, parapets, pergolas, louvers as well as reducing bird-related crop damage in the agriculture.

Metal Solar Panel Clips
Building on the success of our plastic clip sets, Bird Barrier now offers metal pins and washers.

6” Wide Border Control
Our popular 12” wide roll is now joined by a narrower roll for applications where the 12” is just too wide. 60’ x 12”
Our website is Powerful, Useful and Informative!

Fast Product Finder » Quickly scan the entire range
Problems & Solutions » Find solutions to jobs like yours
Latest News » New case studies posted weekly
Species Specific Solutions » In-depth solutions
Live Chat » Get help anytime from our tech experts
Mobile » All the features, in your pocket
Order Guidance » The system helps you pick everything you need

www.birdbarrier.com

Product Advisor  www.birdbarrier.com/advisor

A fast and easy way to identify the best Bird Barrier product to solve the problem. Answer three simple questions and you will learn the best solutions, presented in order.

1) Kind of bird?
2) What are they doing?
3) Where are they doing it?

Product Advisor and Quick Quote are not apps, they are web pages that will run on any device.

Quick Quote  www.birdbarrier.com/quickquote

Estimating a bird control project can be a lot of work, and take a lot of time. Bird Barrier’s Quick-Quote does all that work in seconds, in a few simple steps:

1) Name the job and area
2) Select the product (see Product Advisor)
3) Enter dimensions
4) Enter Degree of Difficulty
5) Enter cleaning and lift rental costs (if known)
6) Enter hourly rate
7) Click Calculate

Quick Quote requires a user name and password on www.birdbarrier.com. If you don’t have one please set one up.

Bird Barrier’s Quick Quote delivers an estimate, but not a final proposal. This estimate should be used to gauge the customer’s interest, not make the final sale. The final quote should be made by an experienced bird control professional.

Talk to an Expert. We will help you succeed: 800-503-5444.
New Webcast Remote Training

Tell us what you want to learn. We will customize a training class for your company.

Bird Barrier announces another first in bird control training - comprehensive remote training from our Los Angeles studio. Nine cameras capture the action from an assortment of angles. Our training includes site videos, photos, placement guidelines and live presentations from the most knowledgeable experts in the industry. Call our offices to schedule your private session.

These classes can be presented to one group, or multiple locations at the same time. Attendees can ask questions, and follow along with their co-workers.

Hands-on follow-along kits available for StealthNet, Bird-Shock, Optical Gel, or anything else your group wants to learn.

Installation Videos - Learn how to install Bird Barrier products right in your office.

Product Installation:
» StealthNet
» Bird Shock Flex-Track
» Bird-Flite Spikes
» Dura-Spike
» Solar Panel Exclusion
» Bird-Coil
» Birdwire
» BirdSlide
» OvoControl
» Eagle Eye
» Traps
» Batcone
» Mist Nets
» Tree-Shock
» Optical Gel

Start making money right away. Watch Bird Barrier’s acclaimed installation videos and you will be ready to start a job right away. Learn:
• Where to use the product
• Spacing and other specifications shown in clear illustrations
• How to use special tools and equipment
• How to install the product
• Tips for faster and better installations

The videos are clear and visually stimulating as they were shot by a professional crew. The close-up shots of the detail work are clear and well lit.

These videos are an excellent tool for both installers and sales people as it clearly demonstrates what it takes to get the job done. A team could watch these together and have ample confidence to find, sell and install successful bird control systems.

birdbarrier.com/videos
Bird Control Training

Bird Barrier offers a wide variety of training classes for professional installers.

Introduction to Bird Control - 1 Hour
Learn the basics of bird species, bird pressure, deterrents and main points on starting a Bird Control program. This course, available at your location is ideal for Pest Control companies interested in incorporating bird control into your services. Available in-person or Webcast.

Optical Gel Selling and Installation - 1 Hour
No more excuses, now anyone can do profitable effective bird work. This exciting new UV technology approach is changing the bird control industry. Even entry level pest control professionals with no bird control experience have a great opportunity to start a bird control business. Large projects out of customer budget range can now be solved using Optical Gel as a short term solution that customers need. Learn proper prep and install as well as selling strategy that you can start immediately. Once you have your first documented successful install, become eligible to qualify as a preferred vendor and receive residential leads for Optical Gel projects.

Hands-On Technical Training - 4 Hours
Designed for technicians and installers, this class provides training for several common bird control deterrents and new products. Use actual products in simulated field situations using all the tools required for proper installs. Prep, clean up, ledge products, shock systems and bird netting in a fun competitive atmosphere to encourage awareness of time efficiency to lower labor costs.

Bird Control Sales Training - 4 Hours
Designed for any person who presents bird control solutions to customers or decision makers. Owners, branch managers, route supervisors, technicians and independent business entrepreneurs who are interested in developing a profitable bird program will benefit greatly from this class. Successful selling of pest bird solutions require a very specific understanding of customer needs, bird behavior, proper strategy, and client education communicating realistic and predictable expectations. Learning follow-up on proposals is a key element to our sales training courses.

Training Schedules:
www.birdbarrier.com/bird-control-training

Everything You Need to Know, All in One Class

Hands on Technical and Sales Training Class - Full-Day Certification:
Let’s face it, finding and selling $12,000 bird jobs is not necessarily an easy proposition. The facility owner must understand the cost of the problem, and the installer must be able to convince them that the bird job is really an investment in their facility’s long-term welfare. For professionals used to selling recurring services, a one-time sale offers challenges.

Evaluate, Solve and Sell Bird Control Projects
Birds are intelligent creatures that present a problem for thousands of building owners, and an opportunity for you. This class gives you the tools to successfully plan and implement a bird control program for your customers. Sales training and marketing ideas are also included. Gain the advantage you need with our one-day, hands-on class. Become a Certified Bird Control Specialist.

You will Learn:
• Bird behavior
• Controlling pest birds
• Damage and diseases
• What attracts birds to certain sites
• Mechanical ledge products
• Exclusion Netting
• Safety and cleaning
• Site Evaluation
• Bidding, Jobs and writing proposals
• Making a healthy profit in bird control
• Creative ways to market your services
• How to pre-qualify the customer over the phone
• Tips for the meeting and site evaluation
• How to explain the cost of the problem to the customer
• How to agree on a scope of work
• How to present a professional proposal
• Tips for keeping the deal alive with follow up techniques
• How to close the sale

All classes are hosted regularly in Carson, CA and other locations across North America. Private group training is available for your bird team, tech staff or entire branch location.
Getting Started

**Starter Tool Kit**
You’ll have everything you need to get started in the lucrative business of bird control.

One of the single-most important aspects of a successful bird control business is tools and hardware. Virtually all installations depend upon the right tools and having the right hardware to match the substrate. Bird Barrier has assembled a comprehensive collection of tools, products, fasteners and adhesives, offering them at an extremely reasonable price, so you will have what you need to get started in the lucrative bird control business. All tools and hardware in the kit are displayed throughout the catalog.

| Tool & Hardware Starter Kit | KT-301 |

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**StealthNet Starter Kit**
This kit includes Carrying Case for Starter Kit, Black 1-1/8” StealthNet, 1” Net Cable Galvanized (250ft), 2.5mm Aluminum Ferrules (100pk), Turnbuckle Galvanized, Small (10pk), Multi-Use Cable Bracket (100pk), Self-Tapping Screw Small Galv. (100pk), Magnetic Nut Setter 1/4in (ea), 1ft StealthNet Zipper Black (ea), Net Scissors - Heavy Duty (ea), Cable Cutters Heavy Duty (ea), Ratchet Crimping Tool (ea), Net Ring Tool (ea), Net Rings Galvanized (2500), StealthNet Instructional DVD, Class Binder, Webinar Voucher.

| StealthNet Starter Kit | KT-101 |

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**Flex-Track Starter Kit**
This kit includes Carrying Case for Starter Kit, Bird-Shock Flex-Track, Black (50ft), Bird Shock Charger 120V (ea), Digital Track Tester (ea), Flex Track Lead Out Wire, Black (50ft), Black Plastic Wire Guides Small (100pk), Connector Crimp Tool (ea), Deluxe Wire Stripping Tool (ea), Bird Shock Warning Labels (10pk), NEW Bird Barrier Bond 10.1 oz (ea) Dripless Ergonomic Caulk Gun (ea), Flex-Track Straight Connectors (20pk), Flex-Track Corner Connectors (10pk), Class Binder, Webinar Voucher, Flex-Track Instructional DVD.

| Flex-Track Starter Kit | KT-201 |

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**Certified Installer Hats and Shirts**

Call to order: 800-503-5444
Identifying Bird Species

Pigeon

LEDGES
Bird Shock®, Flex-Track™, Dura-Spike™, Optical Gel
Bird-Flite®, BirdSlide®, Birdwire®, Bird-Coil®

OPEN SPACE
Daddy Long Legs®,
Eagle Eye®, Ovo Control®

ENCLOSED AREAS
StealthNet®, The Intimidator,

Sparrow

LEDGES
BirdSlide®, Bird Shock®, Flex-Track™, Optical Gel

OPEN SPACE
Sparrow Trap

ENCLOSED AREAS
StealthNet®, Mist Nets

Starling

LEDGES
BirdSlide®, Bird Shock®, Flex-Track™, Optical Gel

OPEN SPACE
Audio Deterrents, Eagle Eye®, Traps

ENCLOSED AREAS
StealthNet®, Mist Nets

Gull

LEDGES
Bird Shock®, Flex-Track™, Dura-Spike™, Optical Gel
Bird-Flite®, BirdSlide®, Birdwire®, Bird-Coil®

OPEN SPACE
Audio Deterrents, Daddy Long Legs®,
Eagle Eye®, Gridwire

ENCLOSED AREAS
StealthNet®, The Intimidator,

UNDER EAVES
Bird Shock®, StealthNet®, BirdSlide®,
Polycarbonate Strips

Goose

LEDGES
Bird Shock®, Flex-Track™, Dura-Spike™, Optical Gel
Bird-Flite®, BirdSlide®, Birdwire®, Bird-Coil®

OPEN SPACE
Audio Deterrents, Daddy Long Legs®,
Eagle Eye®, Gridwire

ENCLOSED AREAS
StealthNet®, The Intimidator,

Swallow

LEDGES
BirdSlide®, Bird Shock®, Flex-Track™, Optical Gel

ENCLOSED AREAS
StealthNet®, The Intimidator,

Grackle

LEDGES
BirdShock®, Bird Shock®, Flex-Track™, Optical Gel

OPEN SPACE
Audio/Visual Deterrents, Eagle Eye®,
ENCLOSED AREAS
StealthNet®, Rain Gutter

Crow

LEDGES
Bird Shock®, Flex-Track™, Dura-Spike™, Optical Gel,
Bird-Flite®, BirdSlide®, Birdwire®, Bird-Coil®

OPEN SPACE
Audio Deterrents, Eagle Eye®,
ENCLOSED AREAS
StealthNet®, Rain Gutter

Identifying Bird species

- Pigeon
- Sparrow
- Starling
- Gull
- Goose
- Swallow

Talk to an Expert. We will help you succeed: 800-503-5444.
Bird Barrier America, Inc. uses the finest materials available to insure long lasting protection. Our products are the best in the industry and deliver many years of bird-free solutions. No guarantees are stated as to the effectiveness of any Bird Barrier product. It is incumbent on the installer to make sure the correct products are installed. If the wrong product is put in the wrong place it will not deter birds. Bird Barrier’s technical staff is happy to consult with our customers to insure the best products are selected.

Bird Barrier’s warranty covers the following products for the following terms and conditions.

- **Black StealthNet®**: Ten years materials, workmanship and ultraviolet degradation limited warranty*
- **Stone (beige) StealthNet®**: Three years materials, workmanship and ultraviolet degradation limited warranty*
- **StealthNet® Hardware**: Stainless steel, five years against debilitating corrosion. Galvanized, two years against debilitating corrosion.
- **Bird-Flite® Spikes and Gutter Point Spikes**: Five years against debilitating corrosion and ultraviolet degradation.
- **Dura-Spike®**: Ten years against debilitating corrosion
- **BirdSlide™**: Two years against debilitating ultraviolet degradation
- **BirdCoil® and related hardware**: Five years against debilitating corrosion
- **Birdwire® and related hardware**: Five years against debilitating corrosion and ultraviolet degradation
- **Bird-Shock® and Tree-Shock**: Five years against debilitating corrosion and ultraviolet degradation
- **Bird-Shock® Charger Units**: Two years functionality if installed according to owner’s manual. Batteries one year.
- **Daddi Long Legs®**: Five years against debilitating corrosion and ultraviolet degradation
- **Eagle Eye™**: One year warranty against mechanical failure and ultraviolet degradation.
- **OvoControl®**: No warranty
- **Optical Gel**: No warranty
- **Adhesives**: Products that utilize adhesive must be installed with Bird Barrier Bond: five year warranty, or E6100: one year warranty). Any substitute adhesive voids all warranties.

* StealthNet® Limited Warranty: StealthNet is warranted by Bird Barrier America, Inc., on a repair or replacement basis only, at its option, for the period of years as outlined above, after original purchase from Bird Barrier America, Inc., by an authorized distributor, or installation date by installer against any defects in materials and workmanship. All warranty replacements shall be free of cost during the warranty period. This warranty does not include damage caused by improper installation, natural disasters, abuse, misuse, negligence, modification, accident or improper handling. Upon presentation of a representative sample of the affected product along with proof of purchase Bird Barrier America, Inc. will either repair, replace or provide a comparable new product. In some cases the repairs shall be made to the netting while it is still installed; therefore the netting must not be removed from the treated area without written instructions from Bird Barrier America, Inc.

Replacement of any of the items listed above is at the discretion of Bird Barrier America, Inc.

**THESE WARRANTIES CONSTITUTE ALL OF THE WARRANTIES WITH RESPECT TO THE SALE OF PRODUCTS INDICATED. BIRD BARRIER AMERICA, INC., EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND BIRD BARRIER AMERICA, INC., NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY LIABILITY IN CONNECTION WITH THE SALE OF THESE PRODUCTS. IN NO EVENT WILL BIRD BARRIER AMERICA, INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGE WHETHER OR NOT FORESEEABLE. BIRD BARRIER’S WARRANTIES COVER PRODUCT REPLACEMENT ONLY. PRODUCT INSTALLATION/RE-INSTALLATION COSTS ARE NOT COVERED IN THE PRODUCT WARRANTIES.**

Installation of products in a different manner than prescribed in our specifications, written or video instructions automatically voids all warranties. All claims must be submitted in writing and must contain a copy of the original invoice from Bird Barrier America, Inc. or an authorized distributor. Please direct all problems or claims in writing to:

**Limited Product Warranty**

Bird Barrier America, Inc.

20925 Chico Street, Carson, CA 90746, USA

(310) 527-8000 - Fax: (310) 527-8005

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Fall Prevention equipment is required in many instances where professionals are accessing rooftops, sides of buildings, or utilizing access equipment (lifts). Bird Barrier carries a complete range of equipment. Download our 15-page Safety Catalog to see the complete range.

birdbarrier.com/safety-and-high-rise-gear.html
**WHERE TO USE**
Any enclosed or semi-enclosed area, opening or configuration where pest birds are to be excluded, including open beam structures, loading docks, buildings facades, courtyards, bridges, etc.

**TARGET BIRD**
All species

**BIRD PRESSURE**
Heavy

**MATERIAL**
Polyethylene twine and stainless steel installation hardware

**INSTALLATION**
Netting attached to pre-installed cable system

**INSTALLATION LEVEL**
Involved

---

**Almost Invisible**
StealthNet is available in black, stone (beige). The netting is composed of very thin, ultra-strong, knotted strands of polyethylene twine.

**Long-Lasting**
StealthNet is manufactured using the most advanced technology in the world, and has been developed to withstand a wide range of environmental conditions. Polyethylene is the most ultra-violet resistant netting material available and StealthNet has extra ultraviolet stabilizers added in its raw materials, creating a durable, long-lasting net.

**Installation**
StealthNet can be installed using a variety of fasteners created specifically for your building’s needs. Whether it’s masonry, steel or wood, we offer a discrete suspension system for a maintenance-free permanent installation.

**Totally Humane**
StealthNet provides a harmless, impenetrable barrier against all pest birds.

**The Benefits of StealthNet**
Six strands of polyethylene, each 12/1000 in. (hence the name 12/6), are wrapped rope-like into one strong, rot-resistant, U.V. protected twine. With a breaking strength of 52 lbs. per twisted strand, StealthNet is the strongest polyethylene netting available in the world.

StealthNet’s U.V.-treatment and color pigmentation are embedded in the composition (not just dipped), making the net more resistant to the effects of the sun with a more consistent coloring throughout.

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**Benefits**
» Effective against all bird species
» Highly resistant to ultraviolet rays
» Flame-resistant (also available flame-proof, pg. 14)
» Available in a variety of colors
» Available in 7 standard and cut to your custom sizes
» Nearly invisible in most situations
» Low-profile installation system
» Twine is twisted and knotted
» Will not rot or absorb water
» Protecting structures worldwide
» Specified on historical properties

**Warranty**
Black StealthNet: 10 years
Stone StealthNet: 3 years
Extended warranties for indoor applications are available. See page 11 for more details.
Four sizes of StealthNet offer complete exclusion.

2 in. mesh
Pigeons and larger birds

1-1/8 in. mesh
Starlings, grackles, blackbirds, etc.

3/4 in. mesh
Sparrows, swallows & other small birds

10-year warranty on Black StealthNet

StealthNet® Colors

Installation of Nets
StealthNet is attached to a 5/64-inch (2mm) perimeter cable which is supported by a wide variety of intermediate and corner attachments designed for masonry, wood or steel. The cable is tensioned using turnbuckles and the netting is attached to the cable using net rings.

Sizes 25' x 25' 25' x 50' 25' x 75' 50' x 50' 50' x 75' 50' x 100' 100' x 100'
3/4” Standard
Black Ni-B110 Ni-B120 Ni-B130 Ni-B220 Ni-B230 Ni-B240 Ni-B310
Stone Ni-S110 Ni-S120 Ni-S130 Ni-S220 Ni-S230 Ni-S240 Ni-S310
3/4” Heavy Duty
Stone NiX-S110 NiX-S120 NiX-S130 NiX-S220 NiX-S230 NiX-S240 NiX-S310
1-1/8”
Black N2-B110 N2-B120 N2-B130 N2-B220 N2-B230 N2-B240 N2-B310
Stone N2-S110 N2-S120 N2-S130 N2-S220 N2-S230 N2-S240 N2-S310
2”
Black N3-B110 N3-B120 N3-B130 N3-B220 N3-B230 N3-B240 N3-B310
Stone N3-S110 N3-S120 N3-S130 N3-S220 N3-S230 N3-S240 N3-S310
4”
Black N4-B240 N4-B310

Custom-Cut Nets
Custom-cut nets are available in sizes up to 100 x 200 ft. The cutting fee is included in the price per square foot.

Talk to an Expert. We will help you succeed: 800-503-5444.
Black PVC-Coated Galvanized Mesh

Black PVC-coated, 19-gauge, 1/2" wire mesh offers an effective long lasting exclusion screen where other products might fail. Available in three widths (6", 8", 12") and custom cut per square foot (four foot wide and 1 foot increments). It can be bent into custom shapes and glued or screwed in place.

<table>
<thead>
<tr>
<th>Mesh</th>
<th>Size</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>Wide, by sq ft</td>
<td>N8-PV05</td>
</tr>
<tr>
<td></td>
<td>8&quot; x 25' Roll</td>
<td>SP-EX50</td>
</tr>
<tr>
<td></td>
<td>8&quot; x 50' Roll</td>
<td>SP-EX55</td>
</tr>
<tr>
<td></td>
<td>6&quot; x 100' Roll</td>
<td>N8-PV10</td>
</tr>
<tr>
<td></td>
<td>12&quot; x 100' Roll</td>
<td>N8-PV15</td>
</tr>
<tr>
<td>1&quot;</td>
<td>8&quot; x 25' Roll</td>
<td>SP-EX60</td>
</tr>
<tr>
<td></td>
<td>8&quot; x 50' Roll</td>
<td>SP-EX65</td>
</tr>
</tbody>
</table>

Solar Panel Exclusion Kits, See page 23
Net rings hold the netting to the cable and are applied using one of four tools. Each tool has distinct features; most professionals have at least two of the following tools in their tool box.

**Hand Net Ring Tool**
The standard tool for attaching netting to cable, it accepts a cartridge of 50 net rings for fast and easy use.
- Great for small jobs
- Light (0.5 lbs.)
- Affordable (relative to the other tools)
- Very maneuverable
- Fast and easy to re-load

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Model</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand Net Ring Tool</td>
<td>TH-1000</td>
<td>Galv. Net Rings (2,500) TH-G100, S.S. Net Rings (2,500) TH-S100</td>
</tr>
</tbody>
</table>

**Pneumatic Net Ring Tool**
These fast operating tools are a must on large netting projects. They will save you time and money. They run off a compressor and hold 100 rings and uses the 1/2-inch ring size. Pneumatic rings are packed in 10,000 rings/box. Requires a 95 PSI-capable compressor.
- Fast and reliable
- Agile nose gets into tight spaces
- Holds 100 rings
- 2.8 lbs.

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Model</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumatic Net Ring Tool</td>
<td>TH-2000</td>
<td>1/2&quot; Galvanized Rings (10,000) TH-G200, 1/2&quot; S.S. Rings (10,000) TH-S200, 3/4&quot; Galvanized Rings (10,000) TH-G300, 3/4&quot; S.S. Rings (10,000) TH-S300</td>
</tr>
</tbody>
</table>

**Black Rings for Hand Net Ring Tool (above)**
For the first time in the industry, black rings are available for the P7 hand ringer. Now you can cut way down on the visibility of rings on all black netting projects.
- Make invisible seams
- Almost invisible perimeter cable
- Invisible repairs

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Model</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Net Rings (2,500)</td>
<td>TH-B100</td>
<td></td>
</tr>
</tbody>
</table>

**“Ringer” Net Ring Tool**
“Ringer” uses a 9/16” net ring and has a handle like grip that helps eliminate hand, wrist and forearm fatigue when the job requires a lot of net rings.

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Model</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Ring Tool, 9/16&quot; Net Rings</td>
<td>TH-1500</td>
<td>9/16&quot; Galv. Net Rings (2,500) TH-G150, 9/16&quot; S.S. Net Rings (2,500) TH-S150</td>
</tr>
</tbody>
</table>

**SignWrap™**
SignWrap™ stops birds from nesting behind sign letters. When customers are concerned about the look of a sign being wrapped with netting SignWrap™ easily wraps and contours nicely around sign letters stopping birds from making nests between the letters and the wall structure they are mounted to. Works great with Optical Gel® in stopping birds from using sign letters for nesting areas. Heavy duty powdercoated galvannealed steel, very rust resistant. Sold in black or white stock colors 160 linear feet per box, includes fastners. Optional custom colors are available.

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Model</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black SignWrap™, 160 ft.</td>
<td>SD-SW10</td>
<td></td>
</tr>
<tr>
<td>White SignWrap™, 160 ft.</td>
<td>SD-SW20</td>
<td></td>
</tr>
</tbody>
</table>
Tensioners • Cable • Tools

Selecting the Right Turnbuckle

The cable must be tensioned properly to insure a secure installation. Use small turnbuckle for cable runs under 25 ft., medium turnbuckle for runs 25 to 75 ft., and large turnbuckle for runs over 75 ft.

Galvanized Turnbuckles
Use galvanized for dry, salt-free climates with galvanized net rings and net cable. 10 per pack.

- Small Turnbuckle Galv. (10) NT-G100
- Medium Turnbuckle Galv. (10) NT-G200
- Large Turnbuckle Galv. (10) NT-G300

Stainless Steel Turnbuckles
Stainless steel is best for wet or salty climates. Use with stainless steel cable and net rings. 10 per pack.

- Small Turnbuckle S.S. (10) NT-S100
- Medium Turnbuckle S.S. (10) NT-S200
- Large Turnbuckle S.S. (10) NT-S300

Selecting the Right Turnbuckle

Net Cable
Our 5/64” (2mm) diameter 7x7 construction cable is the standard for perimeter support. It is available in galvanized or stainless steel. Stainless steel is recommended for installations in heavy moisture, chemical environs or salt-laden air.

- Net Cable Galv. (250 ft) NC-G250
- Net Cable Galv. (500 ft) NC-G500
- Net Cable S.S. (250 ft) NC-S250
- Net Cable S.S. (500 ft) NC-S500

Cable Cutter
The sharpest, longest-lasting and easiest tool to use for cutting heavy-duty cable. The overlapping heads give a clean cut up to 5/32” (4mm). The tool features a spring loaded rubber grip handle and a security locking latch.

Cable Cutter (ea.) TO-CC10

Cable Cutter (ea.) TO-CC10

Use two ferrules at every end or loop for added security

Cable Cutter (ea.) TO-CC10

Cable Cutter (ea.) TO-CC10

Ratchet Crimper
Each cable-end must have a strong loop to secure to a turnbuckle or cable-end fastener. The powerful ratchet crimper and ferrules offer the strongest, most discreet system. Use 2 ferrules at each loop for long-lasting hold.

Ratchet Crimper (ea.) TN-R100

Heavy Duty Eye Bolt
When adding extra tension to heavier cable it’s important to use a corner anchor that will not bend or break.

Heavy Duty Eye Bolt (10) NB-EB30

Heavy Duty Eye Bolt (10) NB-EB30

Heavy Duty Installation

Heavy Duty Net Cable
This 5/32-inch cable should be used where extra strength is desired such as where StealthNet is not supported for runs of 100 feet or more.

- Galvanized (500 ft.) NC-G532
- Stainless Steel (500 ft.) NC-S532

Heavy Duty Ferrules
These ferrules are to be used with the heavy duty net cable. Use two per end/loop end and crimp twice per Ferrule 100 per pack.

- 5/32-inch Ferrules NC-N500

Heavy Duty Crimper
Use this tool with heavy duty ferrules.

Crimp Tool TN-R300

Crimp Tool TN-R300

Heavy Duty Crimper
Use this tool with heavy duty ferrules.

Crimp Tool TN-R300

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**The Importance of Corner Attachments**

The most important part of a netting job is the corners (where the cables end or turn corners) due to the tension applied by the turnbuckles and the weight of the net. Strong cable-ends and corners are achieved using the correct selection from a wide variety of anchoring systems enabling you to secure the system to any substrate.

---

**Netbolts - Galvanized**

This high-load bearing expansion bolt is the perfect anchor for most masonry, stone or concrete corner/end attachments. Use the smaller M6 for cable runs under 100’ and the larger M8 for runs over 100’. 10 per pack.

- Netbolt M8 Galv. (10)  | NB-M8G0
- 14mm Drill Bit (for M8)  | TB-S140
- Netbolt M6 Galv. (10)  | NB-M6G0
- 12mm Drill Bit (for M6)  | TB-S120

---

**Netbolts - Stainless Steel**

High grade stainless steel expansion bolt for masonry, concrete or stone. 10 per pack.

- Netbolt M6 S.S. (10)  | NB-M6S0
- 10mm Drill Bit  | TB-S100

---

**Eye Bolt with Nut**

Corner/end attachment for an I-beam or other thick metal.

- Eye Bolt - Galv. (20)  | NB-EB10
- Eye Bolt - S.S. (10)  | NB-EB20

---

**Screw Eyes - Heavy Duty**

Ideal for cable ends and corners when anchoring in wood.

- Screw Eye H.D. Galv. (50)  | NB-SE10
- Screw Eye H.D. SS (20)  | NB-SE20

---

**Mini Netbolts**

Corner attachment for smaller net jobs (cable runs under 25 feet). Drill an 8mm hole, insert the bolt and turn the eye for a solid hold. Zinc passivated or stainless steel. 10 per pack.

- Mini Netbolt Galv. (10)  | NB-MBG10
- Mini Netbolt S.S. (10)  | NB-MBS10

---

**Metal-Hit Anchor**

Use this anchor to attach multi-purpose brackets to concrete, brick or cement block. Hitting the pin with a hammer locks the part in place. 100 per pack.

- Metal-Hit Anchor (100)  | NI-SP02
- 4.8mm Drill Bit  | TB-S048

---

**Girder Clamp**

For steel up to 2” thick. Bolt on an I-beam or flat steel and attach your cable or turnbuckle directly to it. 10 per pack.

- Girder Clamp - S.S. (10)  | NB-GC10

---

**Heavy Duty Steel Clamp**

This clamp defines the term “heavy duty.” Your best bet for larger net installations, this clamp can hold up to 630 lbs. of tensioned weight. Bolt to an I-beam or other steel structure and run your cable inside the jaws. Opens up to 2”. 4 per pack.

- H.D. Steel Clamp (4)  | NB-GC10

---

**Multi-Purpose Cable Brackets**

These versatile stainless steel brackets can be used as a corner or intermediate attachment, and installed as a permanent fixture or as a quick-release cable holder. 100 per pack.

- A) With Hilti Pin  | NI-CB15
- B) Bracket w/13/64” Hole  | NI-CB10
- C) Bracket w/1/4” Hole  | NI-CB25

---

**Hilti .27 Shot**

Hilti’s powder-actuated tools are powered by easy-to-use shot cartridges. Simply insert the cartridge up through the bottom of the tool, and they are in place and ready to go. Bird Barrier carries the heavy charge (red) because the tool is adjustable and can be backed down to much less power if necessary. Ten shots per strip, 100 shots per pack.

- Hilti Shot  | T0-H250
Intermediate Attachments

The Importance of Intermediate Attachments
Intermediate attachments hold cable against the wall between corner attachments.

We recommend:
2’ netting = one every 2-3 feet
1-1/8” netting = one every 2 feet
3/4” netting = one every 1.5 feet

Girder Clips
This strong, hammer-on clip allows for cable attachment to steel beams. Hammer the clip on to the edge of an I-Beam. Available in galvanized and Stainless Steel. Galvanized - Run the cable inside the jaws (not the hole). Stainless Steel - Run the cable through the hole.

A) 3/32” - 9/64” (100) NI-GC10
B) 1/8” - 1/4” (100) NI-GC20
C) 5/16” - 1/2” (100) NI-GC30
D) 9/16” - 3/4” (100) NI-GC40
E) S.S. 1/8” - 1/4” (100) NI-GCS20
F) S.S. 5/16” - 1/2” (100) NI-GCS30
G) S.S. 9/16” - 3/4” (100) NI-GCS40

Hilti Loop - Open and Closed
Constructed of high quality, zinc-plated steel, the Hilti Loop is an easy-to-use attachment for stone, concrete and brick. Drill a hole and hammer it home. Open option for removable nets.

Hilti Closed Loop (100) NI-H100
Hilti Open Loop (100) NI-H200
8mm Drill Bit (for both) TB-S080

Kwik Tog & Eye Loop (for Stucco)
Stucco is one of the most challenging substrates for bird control. This durable plastic attachment affords a solid base for the screw eye. Drill a 3/8” hole, insert the Kwik Tog so it expands behind the stucco.

Kwik Tog & Eye Loop (50) NI-KT10

Thin Wire Net Clip
Great for small jobs, this stainless steel clip attaches netting to a structure without running cable. Not recommended for jobs over 5’ x 5’.

Thin Wire Net Clip (100) NI-WC10

“S” Hook
Heavy duty stainless steel fastener can be secured with screws or fired-in pins.

“S” Hook SS (100) NI-WC30

Screw Eyes (Small)
These screws for wood are very sturdy intermediate attachments.

Screw Eye Small, Galv (100) NI-SE10
Screw Eye Small, SS (20) NI-SE20

Screw Driver
Drive our Lag screws into wood and plastic anchors with this tool that fits into the chuck of your hand drill.

Lag Screw Driver (ea.) TB-SP10
Magnets, Zippers and Clips

Net Magnets
Net Magnets come in handy when drilling or screwing is not an option. They are extremely quick to secure in place and can be useful for following contours of a metal substrate, with or without wire cable. Can also be used for nets that need to be opened. Two models available. Use caution as these are not as strong as screwed fasteners.

Net Magnets for Cable
These magnets provide a strong anchor for cable systems.

- 15 lbs. Net Magnet for Cable (10) 1/4 in. Diameter NI-MG06
- 40 lbs. Net Magnet for Cable (10) 2 in. Diameter NI-MG08

Net Magnets for Netting
Provides a good hold for small net jobs where perimeter cable is not being used.

- 12 lbs. Net Magnet for Netting (10) .625 in. Diameter NI-MG10
- 48 lbs. Net Magnet for Netting (10) .977 in. Diameter NI-MG12

NOTE Magnets secure better to thicker metal surfaces than they do to thinner surfaces.

TIP When using for a removable netting section, use hook turnbuckles at each end of the cable so both ends can be unhooked. Not for use as corner attachments, intermediates only.

The Use of Net Zippers
StealthNet zippers can be installed to open netting for horizontal or vertical access, using net rings.

Closed-End Zippers
Zippers can be net-ringed into the netting to create any sort of an opening. Heavy duty marine construction insures long-life. Zippers are now available up to 300 feet!

- 1' Black Zipper (ea.) NZ-B100
- 3' Black Zipper (ea.) NZ-B300
- 6' Black Zipper (ea.) NZ-B600
- Black Zipper (per ft.) NZ-BCUS
- 1' Stone Zipper (ea.) NZ-S100
- 3' Stone Zipper (ea.) NZ-S300
- 6' Stone Zipper (ea.) NZ-S600
- Stone Zipper (per ft.) NZ-SCUS

Separating Zippers
Used to create a section of net that will fall open. Use this across the end of a trap door. Need a larger opening? Point the open end of the zipper at each other for a 16' opening.

- 8' Black Zipper NZ-BS800
- 8' Stone Zipper NZ-SS800

Net Access Clips
Stainless steel net clips join pieces of netting to allow for removal of panels for access. New, thin design is hard to see.

- 2” Net Access Clips (100) NZ-C200
- 3/4” Net Access Clips (100) NZ-C340

StealthNet Repair Twine
Use for invisible seams and to make minor repairs.

- Black Net Twine (500’) NO-TwB10
- Stone Net Twine (500’) NO-TwS10

Net Scissors
A must on any netting job.

- Net Scissors (ea.) TO-S100
HVAC Protection Netting System

HVAC units provide birds with shelter (underneath the units), and a high perch to check out food and other opportunities (on top of the units).

Rooftop units can be difficult to protect. Installers generally screen off the bottoms, and put Daddi Long Legs on the top. The units need to be accessed for maintenance, and building owners generally don’t like holes drilled in their roofs.

Our HVAC protection system offers many unique features:

- System protects top and space below the unit
- Corner Stand-off brackets raise net well above unit
- Brackets keep net away from the sides of the unit as well
- Brackets can usually mount to unit without screws
- Weighted hose secures to roof, no fasteners or holes necessary
- Hose can be lifted up for repair access
- Installed using most standard Bird Barrier items (StealthNet, cable, net-rings, tools etc.)
- Zippers can be installed for smaller access, or as pipes and other obstructions demand

![HVAC Protection Netting System](image)

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stand-off Bracket, 24&quot;</td>
<td>HV-S024</td>
</tr>
<tr>
<td>Stand-off Bracket, 48&quot;</td>
<td>HV-S048</td>
</tr>
<tr>
<td>Weighted Hose, 25 ft.</td>
<td>NR-WR25</td>
</tr>
</tbody>
</table>

Telescoping Support Poles

These poles can be used to build raised netting systems. The poles can be used to keep the center cable higher (like a tent), or to raise a whole net system above a flat roof, or a roof covered with HVAC equipment.

The top of the pole has four holes designed to accommodate both perimeter net cable and turnbuckles. This flexibility allows the pole to accommodate a wide range of possible installations. The bolts half-way-up the poles can be loosened to adjust the poles to the perfect height. By tensioning the cables equally in each direction, the flat base will simply sit in place. Protective neoprene pads insure no damage is done to the roof. Extend poles from 4.5 ft. to 8 ft. Each pole includes one protective pad.

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pole Cable Support, 4’5” - 8’</td>
<td>HV-PO4</td>
</tr>
<tr>
<td>Protective Pad</td>
<td>HV-PAD2</td>
</tr>
</tbody>
</table>

![Telescoping Support Poles](image)

StealthNet®

StealthNet installed underneath pipes and beams in a newly constructed barn keeps all birds out. The zipper being installed allows access to the lights.

![StealthNet®](image)

Installation Videos and more on birdbarrier.com

![Installation Videos](image)
**Hardware**

**SDS Drill Bits – for Masonry**

<table>
<thead>
<tr>
<th>Drill Bit</th>
<th>Used For</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.8mm</td>
<td>Metal-Hit Anchor, Net Spikes</td>
</tr>
<tr>
<td>6.5mm</td>
<td>Split Pins, Anchor Rivets</td>
</tr>
<tr>
<td>8mm</td>
<td>Hilti Loops, Mini Netbolts</td>
</tr>
<tr>
<td>10mm</td>
<td>MB Stainless Netbolt</td>
</tr>
<tr>
<td>12mm</td>
<td>MB Galvanized Netbolt</td>
</tr>
<tr>
<td>14mm</td>
<td>MB Galvanized Netbolt</td>
</tr>
</tbody>
</table>

**WARNING:** Do not substitute US sizes.

**Hilti Pins**

Fire into steel or concrete using the powder-actuated tool to secure various brackets. Use X-EDNI pin for thick steel (more than 1/2”), and X-DNI for thinner steel and masonry.

- A) Hilti Pin - X-DNI (100) NI-H300
- B) Hilti Pin - X-EDNI (100) NI-H400

**Self-Tapping Screws**

Used to fasten Bird Barrier brackets and clips to different metals.

Small screw uses 1/4” nut driver; large screw uses 5/16” nut driver (see below).

- 1/2” Galvanized (100) HA-S100
- 1/2” Stainless Steel (100) HA-S120
- 3/4” Galvanized (100) HA-S200
- 1-1/4” Galvanized H.D. (100) HA-S220
- 3/4” in. Stainless Steel (100) HA-S240
- 1-1/4” in. Stainless H.D. (100) HA-S260

**Magnetic Nut Setters**

Ideal for driving self-tapping screws with a cordless hand drill. Magnetic tip holds the screw in place while you start the hole.

- Mag Nut Setter (1/4”) (ea.) TB-HX10
- (fits HA-S100, HA-S120, HA-S300)
- Mag Nut Setter (5/16”) (ea.) TB-HX20
- (fits HA-S200, HA-S220, HA-S240, HA-S260)

**Stainless Steel Screw and Plastic Anchor**

The best anchor for Coil clips, multi purpose cable attachment and many other Bird Barrier products.

- Stainless Wood Screw (100) HA-S300
- Plastic Anchor (100) NI-NS12

**Drip-less Ergonomic Caulk Gun**

Drip-less? Absolutely! The flow of caulk stops when you stop. No thumb release, no buttons to push, no special way to click the handle. It’s simple and automatic. Use for Bird Barrier Bond or Bird-Off Gel; either way you’ll love how the bead stops when you release the handle.

- Caulk Gun TO-CG10

---

**Bird Barrier Bond**

**Yellow Tube - 5 Year Warranty**

An exceptionally strong, flexible, adhesive. It handles dramatic temperature changes without cracking. Full cure is in 24 hours at normal temperatures.

- Securely holds metals and plastics to wood, steel, sheet metal, concrete, brick and most building substrates.
- Gray in color
- Excellent UV characteristics
- Cleanup is with soap and water. Apply wearing surgical gloves.
- Green - Moisture curable, solvent-free formula

- New Bond 10.2 oz. (ea.) HA-BB03

**E6100 – 1 Year Warranty**

Strong, flexible, quick cure and ideal for interior applications out of the sun.

- Securely holds metals and plastics to wood, steel, sheet metal, concrete, brick and most building substrates.
- Clear in color

**Bond Guidelines**

- BirdSlide 25 feet
- Bird-Flite 35 feet
- Birdwire Bases* 125 bases
- Coil Clips 275 clips
- DLL PVC Bases 35 bases
- Bird-Shock Flex-Track 35 feet

*Use Super Bond for Birdwire bases supporting end posts.

**Bird Barrier Super Bond**

Occasionally you can’t wait for the regular bond to cure. Bird Barrier Super Bond cures in about one hour, so you can secure your products and be on your way. Requires Applicator & nozzles. 50 ml.

- Super Bond Tube (2 part) HA-BS01
- Super Bond Applicator (ea.) HA-BS02
- Super Bond Nozzles (12) HA-BS03

**Super Bond Guidelines**

- Bird-Flite 8 feet
- Birdwire Bases 40 bases
- Coil clips 80 clips
- DLL PVC Bases 10 bases

Please Note: Bird Barrier Bond and Super Bond will not adequately adhere to nor is recommended for use with a fluoropolymer paint. This paint is marketed by some companies under the “Teflon”, “Hylar”, and “Kynar” brand names as coatings for anti-friction, anti-graffiti, etc. There is no warranty coverage for Bond applied to these surfaces.

**Buy Bond by the case and SAVE!**

- $
Where to use Gridwire
Gridwire is typically installed 6-8 feet above a large flat roof to keep gulls and other sea birds from landing.

What is Gridwire?
A system of poles, cables and wires installed so that wires make up large squares or rectangles, like a very large mesh net.

How it Works
Gulls see the wires as they approach the roof and become nervous; they are scared of becoming trapped in a zone they don’t understand.

Hard to See
If the posts are set in from the edge of the roof the system is invisible from below.

Humane
Even if the gulls fly into the zone they cannot be hurt by the wires, and they can easily escape.

Gridwire
Gridwire or polyethylene Fluorescent GridTwine (more visible to birds) can be suspended in various horizontal and vertical patterns to deter large aquatic birds. Grid spacings are site and species specific. You can protect lakes, parking lots, warehouse roofs, etc. from gulls, geese and other large aquatic birds.

- 5/64" Copper Ferrules for Gridwire (100) NC-N150
- 5/64" Open Copper Ferrules (100) GW-C100
- Ratchet Crimping Tool TN-R100
- .77mm SS Gridwire 500 ft. GW-WX77
- .96mm SS Gridwire 500 ft. GW-WX96
- Fluorescent GridTwine w/SS, 1,000 ft. GW-T100
- Pole Cable Support (see above) HV-P04

Orange Gridwire with two strands of SS wire for added longevity.
Solar Panel Exclusion

This Kit makes Solar Panel Exclusion Fast, Easy and Attractive
Solar panels are being installed on commercial and residential roofs across America at an ever increasing rate. These arrays provide perfect harborage for birds and other critters, and homeowners are desperate for a solution.

The Clip slides on to the frame under the edge of the solar panel. The disk locks the mesh in place. A fast and tidy installation. The attractive black mesh is locked in place by the Solar Panel Clips. The mesh is secured on all sides, permanently excluding birds and other wildlife.

This innovative system is designed specifically to keep all creatures from getting under solar arrays, protecting the roof, wiring and equipment from their damage. This non-penetrating system is fast and easy to install, and can be removed for service.

The wire mesh is supplied in rolls of 25 and 50 feet. The preferred technique is to cut it into five-foot lengths and straighten, before getting onto the roof. Then, using a 2 x 4, bend up the bottom one-inch to about 30 degrees. This kick-out helps to lock the mesh firmly in place.

Features:
• Plastic clips are UV-stable, won’t scratch panels
• Clips recommended every 18 inches,
• The clips bind the mesh to the panels without drilling holes or damaging the system
• Invisible from the ground
• Tin snips and other basic tools required for installation

Solar Panel Kits

50 Solar Panel Clips | SP-EX10
100 Solar Panel Clips | SP-EX15

Kits with 1/2” Mesh
25 ft. x 8 in. x 1/2 in. mesh and 20 Solar Panel Clips | SP-EX30
50 ft. x 8 in. x 1/2 in. mesh and 40 Solar Panel Clips | SP-EX35

See more mesh roll sizes on page 14.

Eggxit

Fitting to Spanish tiles can literally double the labor time on a solar panel exclusion job. Cutting the wavy ups and downs is painstaking and inaccurate work. Our new egg-shaped “Spanish Tile Inserts”, made from 1/2” PVC coated mesh, can be rotated, and bent, to fill every channel regardless of the shape or size. Zip tie or Hog Ring to the mesh for a secure hold.

Spanish Tile Inserts - 1/2” Mesh

Spanish Tile Inserts (25) | SP-EX25
9/16” Galv. Net Rings (2,500) | TH-G150
9/16” S.S. Net Rings (2,500) | TH-S150

Sharp nosed tool pokes into the mesh to lock the Inserts in place. See page 15.

Talk to an Expert. We will help you succeed: 800-503-5444.
**Very Discreet**
The Optical Gel dishes are only 2-1/2 inches in diameter and 3/8 inch in height. They generally cannot be seen from below.

**How it Works**
This multi-sensory bird repellent deters birds using sight, smell and touch. Birds see fire or smoke, although there isn’t any. They smell peppermint oil, which they hate. The Gel is sticky if the birds do touch it.

**Totally Humane**
Harmless to birds and humans alike.

**Easy to Install**
Remove covers from dishes and affix dishes to pretreated surfaces with silicone or other removable adhesive.

**Safe for the Environment**
Bird Barrier Optical Gel is made from all natural ingredients.

**Longevity**
The dishes are effective for 2 - 4 years. The site must be thoroughly cleaned first.

**Optical Gel**

<table>
<thead>
<tr>
<th>24 PACK</th>
<th>200 PACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical Gel (24)</td>
<td>TF-BG25</td>
</tr>
<tr>
<td>Optical Gel (200)</td>
<td>TF-BG200</td>
</tr>
<tr>
<td>White Silicone (3 oz.)</td>
<td>HA-BB02</td>
</tr>
</tbody>
</table>

The Critical Importance of Cleaning
Optical Gel installations must be thoroughly cleaned and sanitized before the dishes are secured to the surface. We recommend a 2wp-step process of Dissolve-It (page 60) followed by bleach. Do not skip these steps, the birds are attracted to their old roosts by sight and smell.

Optical Gel and Cleaning Kit
The key to a successful Optical Gel job is a thorough cleaning and sanitizing, and proper placement of the dishes. This kit includes everything necessary to remove the bird waste, sanitize the area and adhere the dishes to the surface: 24 Optical Gel dishes, adhesive, Dissolve-It, spray bottle, bleach, mask and gloves.

Optical Gel Kit TF-BG20
Optical Gel™

24 pk. · TF-BG25
200 pk. · TF-BG200

Our most universally applicable Optical Gel as it is glued onto nearly any surface with silicone or other project-specific adhesives.

Optical Gel MAG™

24 pk. · TF-BG30

No glue needed. There’s no faster way to install Optical Gel. Just remove the lid, place and reposition if necessary.

Optical Gel ZIP™

25 ZIPS + 25 Zip-Ties · TF-BG55

Snap Optical Gel into ZIP and insert included zip-tie under the base to install Optical Gel onto irregular surfaces and any tubular building feature.

Optical Gel STIQ™

TF-BG60

Lock Optical Gel into STIQ for quicker lid removal, 2-person hand-off assembly line install and mess-free hands and gloves.

Canadian OptiCA™

Optical Gel reformulated & exempt for registration yet with the same performance as the original Optical Gel. OptiCA and OptiCA MAG are available in Canada in 50 and 200 unit packs.

MODERN HIGH-PRESSURE BIRD CONTROL

Optical Gel™ IN CANADA!

SOLD AS OptiCA

Optical Gel™

IN CANADA!

Optical Gel Glued Into Place

Optical Gel MAGnetized Into Place

Optical Gel Zip-Tied Into Place

Optical Gel Held Into Place

Optical Gel™

IN CANADA!

Optical Gel™

IN CANADA!

Talk to an Expert. We will help you succeed: 800-503-5444.
A sea of Daddi Long Legs protect a roof near the ocean from hundreds of gulls.

Look closely, Daddi Long Legs attached to the top of each light, and the center column.

An eight foot Daddi Long Legs with magnetic base protects this large HVAC unit.

**Easy to Install**
The Delrin (plastic) base can be screwed into most surfaces and comes with a 1/4” adhesive neoprene gasket. When placed together in groups, overlap the tips 4 - 6 inches.

**How it Works**
Thin, stainless steel rods rotate in the breeze and wave menacingly, interfering with birds’ wings as they attempt to land.

**Removable**
The center spindle can be easily separated from the base to access the area it is protecting.

**Hard to See**
The Daddi Long Legs is inconspicuous from short distances and practically invisible from afar. Its unobtrusive design allows for use in even high visibility areas like shopping/walking promenades and parking lots.

**Humane**
The waving rods have plastic tips to prevent injury to birds or humans.

**Daddi Long Legs (ea.)**
- 2 ft. Daddi Long Legs DD-2000
- 4 ft. Daddi Long Legs DD-4000
- 6 ft. Daddi Long Legs DD-6000
- 8 ft. Daddi Long Legs DD-8000
- Boat Base DD-B105
- Sandbag Base DD-B110
- Boat Railing Mount DD-B115
- 140 lb. Magnet Base DD-B140

**WHERE TO USE**
- Rooftops and other open areas, A.C. units, streetlights

**TARGET BIRD**
- Gull, pigeon or larger

**BIRD PRESSURE**
- Light - Medium

**MATERIAL**
- Stainless Steel and Delrin Plastic

**INSTALLATION**
- Delrin base is screwed to surface

**INSTALLATION LEVEL**
- Easy

**Mounting Daddi Long Legs**
Daddi Long Legs can be glued directly to the surface, a PVC base is no longer necessary. Make sure glue comes up through all the screw holes.

**Boat Railing Mount:** When birds consider your boat’s railing a perfect perch, attach a Daddi Long Legs with our boat railing mount.

**Boat Base:** This Lexan adapter attaches to the Daddi Long Legs base. It attaches to your boat with a bungee cord or rope.

**Sandbag Base:** The weighted sandbag base can be used in areas where the standard boat base is not appropriate.

**Magnetic Base:** Magnets stick best to thicker metal. These magnets have not been wind tunnel tested. Exercise caution when using. Daddi Long Legs should be secured with a safety tether of some sort when magnets are used. Caution, many parking lot lights are actually made from aluminum which is not magnetic. Magnets stick best to flat surfaces, use caution on curved surfaces.
Almost Invisible
When seen from a distance of twenty feet or more Bird-Coil virtually disappears, and from fifty feet it’s invisible.

How it Works
Based on the simple premise that birds like a solid landing platform, Bird-Coil de-stabilizes the ledge, causing unwanted pigeons and gulls to take their mess elsewhere.

How to Install
Bird-Coil can be attached to any substrate using adhesive and our special coil clips. Install one clip per foot with Bird Barrier Bond or the appropriate screw and clip it in place. It’s fast, easy and very secure.

Totally Humane
Bird-Coil’s smooth curves are completely harmless to both birds and unsuspecting workers needing access to ledges.

Wood with Screws Kit
Screw Bird Coil Clip 12” on center and attach End Brackets. Kit includes 23 stainless steel Bird Coil Clips, two End Brackets and 27 Wood Screws.

Concrete/Masonry with Screws Kit
Screw Bird-Coil clip 12” on center & attach end brackets. Kit includes 23 stainless steel Bird-Coil clips, 2 end brackets, 27 plastic anchors, 27 stainless screws.

Sheet Metal with Screws Kit
Screw Bird Coil Clip 12” on center and attach End Brackets. Kit includes 23 stainless steel Bird Coil Clips, two End Brackets and 27 Self-Tapping Screws.

Adhesive (no drilling) Kit
Glue Bird Coil Clip 12” on center and glue End Brackets. Kit includes 23 stainless steel Bird Coil Clips, two End Brackets and one 3.75 oz. tube of Bird Barrier Bond.

Coil Fasteners in Bulk
The fastening systems are less expensive in bulk. 100/pkg.

Where to Use
Long, exposed ledges, parapets, signs, beams, pipes

Target Bird
Pigeon and larger

Bird Pressure
Light - Medium

Material
Stainless Steel

Installation
Base clips are glued or screwed to any surface

Installation Level
Easy

Bird-Coil
Ideal for rooftop perimeters and building ledges, the four-inch stainless steel Bird Coil expands to 25 foot length. Installation hardware sold separately.

4” Coil (25 ft.) CO-4000
5” Coil (25 ft.) CO-5000

Coil End Posts
The base of the bracket is configured to accept two screws or it can also be glued to the substrate. With the bracket screwed (or glued) in place, simply slip Bird Coil into the upper clip, then slip the bottom of Bird Coil under the end of the bracket as shown in the photograph to secure.

Coil End Post - 4” (10) CO-P040
Coil End Post - 5” (10) CO-P050

See page 21 for Bird Barrier Bond and Super Bond.

Talk to an Expert. We will help you succeed: 800-503-5444.
WHERE TO USE
Any surface where total exclusion is the goal, and low visibility is key: parapets, roof peaks, beams, ledges.

TARGET BIRD
All species

BIRD PRESSURE
All pressure levels

MATERIAL
Ultraviolet-stabilized PVC and Stainless Steel

INSTALLATION
Track glues to surface, electrical connectors allow current to flow from one track to the next.

INSTALLATION LEVEL
Somewhat involved

WHERE TO USE
Any surface where total exclusion is the goal, and low visibility is key: parapets, roof peaks, beams, ledges.

TARGET BIRD
All species

BIRD PRESSURE
All pressure levels

MATERIAL
Ultraviolet-stabilized PVC and Stainless Steel

INSTALLATION
Track glues to surface, electrical connectors allow current to flow from one track to the next.

INSTALLATION LEVEL
Somewhat involved

1) Flex-Track protects straight ledges, and curves easily to protect sign letters.
2) Jumpers snap quickly to the track, making it easy to power multiple tracks.
3) A charger unit mounts to the building and sends intermittent power down the two conductors.
4) Quick connectors are used every 50 feet, or wherever else connections are needed.
5) Corner Quick Connectors make 90 degree angles a snap.

Important Note: Electrified systems are active systems. They require regular maintenance.

Bird-Shock: Active Bird Control
Bird-Shock Flex-Track has changed the face of the bird control industry. One product is able to protect a wide variety of surfaces from all bird species, while at the same time being virtually invisible, and incredibly durable.
**Bird-Shock® Flex-Track™**

**Bird-Shock Flex-Track**
The tracks come in 50-foot lengths. Each roll includes 11 straight connections and nine corner connections (crimp style, not Quick Connectors), which will accommodate normal applications.

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>BS-FB60</td>
</tr>
<tr>
<td>Beige</td>
<td>BS-FBG60</td>
</tr>
<tr>
<td>Brick Red</td>
<td>BS-FRB60</td>
</tr>
<tr>
<td>Gray</td>
<td>BS-FG60</td>
</tr>
<tr>
<td>Sign-Red</td>
<td>BS-FSR60</td>
</tr>
</tbody>
</table>

**Recommended Spacing**
One row of Flex-Track can protect the same width ledge as multiple rows of other products. Labor and material are therefore much less. Often just one row on the outer edge is enough.

**Quick Connectors**
- **Quick Straight Connectors**
  Fast and easy to install, attractive and ultra durable. Saves labor time and provides for a long-lasting installation. 20-pack.
  
  Quick Straight Connectors (20) BS-006

- **Quick Corner Connectors**
  This connector is revolutionary. It is low profile and features copper conductors over the entire surface. Straight cut the track, lay it inside the connector and snap the durable top down for an attractive connection.
  
  Quick Corner Connectors (10) BS-007

**“T” Connector**
Many jobs require time consuming T’s. Now those can be done just as quickly as straight and corner connections. The part can also hinge up or down for angled applications, like roof peaks.

Quick “T” Connectors (5) BS-008

- **Anti-water damming pads** stuck every 12 inches will allow water to flow under the track. 10 pads are included with each roll of track.
Standard Connectors
Some complicated projects need more connections.
The kits below are available in addition to the standard set that comes with the flex-track. A. Corner (100 male, 100 female). B. T-Junction (100 male, 100 female, 50 piggyback). C. Straight (100 male, 100 female). D. Female Snap Tap (50 taps/kit).

Flex Track Lead-out Wire
Twisted copper, 14 gauge double wire is easy to cut, strip & crimp. Available in 3 colors to match your job.

- Lead Wire, black (50 ft.) BS-LW10
- Lead Wire, black (250 ft.) BS-LW65
- Lead Wire, beige (50 ft.) BS-LW30
- Lead Wire, beige (250 ft.) BS-LW60
- Lead Wire, gray (50 ft.) BS-LW15
- Lead Wire, gray (250 ft.) BS-LW70

Lead Wire Guides
New, smaller and black for a less visible, tighter job.

- Lead Wire Guides (100) BS-LW45

Tools & Accessories

Connector Crimp Tool
Solid connections are a must for a long-lasting application. This tool delivers the perfect crimp.

- Connector Crimp Tool (ea.) TO-Q20

Deluxe Wire Stripping Tool
This elegant tool easily strips wires, completely. It grabs, cuts and pulls the wire, you just squeeze. Use the #10 or #8 opening.

- Deluxe Wire Stripping Tool TO-Q15

Warning Labels
Bold, plastic warning labels should be placed prominently. Glue or screw to the ledge or side of the building. 10/pack.

- Warning Labels (10) BS-WL10

Bird Barrier Bond
Bird Barrier Bond should be used to secure Bird-Shock Flex-Track to clean surfaces. A 10.2 oz. tube secures 30 - 35 ft. of track.

- New Bond 10.2 oz. (ea.) HA-BB03
- E6100 Clear 10.2 oz. (ea.) HA-BB04

Five-Year Guarantee
See page 21 for important Bond information.

See page 21 for important Bond information.

Bird-Shock® Flex-Track installed under the soffit for mud swallows. One zap and they’re gone for good.

Bird-Shock® Flex-Track is glued to large sign letters to deter pigeons and sparrows from nesting.
Standard Chargers

Small 120v. Plug-In Charger
Weatherproof, can be mounted outside (but make sure the plug itself is in a weatherproof housing).

- Input Voltage: 120 VAC
- Output Voltage (max): 9kV +/- 10%
- Output Pulse Width at 500 Ohms: 2.4kV, 0.16J

Small 12v. Solar Charger
Ideal for smaller projects. Features connectors on the bottom and an on/off switch.

- Input Voltage: 12V DC
- Output Voltage (max): 8.6kV +/- 10%
- Output Pulse Width at 500 Ohms: 25uS
- Output at 500 Ohms: 4.0kV, 0.14J

7V/12V Battery Charger
Ideal for small jobs that cannot be plugged into mains, or are in the shade (where solar will not charge). This charger functions with a 6 or 12 volt rechargeable battery (sold separately). The battery must be secured to the tree or structure. A flashing light confirms the charger is functioning properly.

- Output Voltage: 7.3kV

Large 12v. Solar Charger
This solar powerhouse delivers plenty of shock and can be installed anywhere that gets several hours of sunlight every day.

- Input Voltage: 12Vdc
- Output Voltage (max): 8.6kV (+/-) 10%
- Output Pulse Width at 500 Ohms: 25uS
- Output at 500 Ohms: 5.4kV, 0.33J

Power Indicator
Attach these to the track and the building. Flashing indicates the system is functioning properly. Can be seen from distance at night.

- Voltage Indicator BS-TE15

Charger Accessories

Battery Trickle Charger
Charge Solar Charger batteries quickly or during extended periods of cloudy weather.

- Trickle Charger BS-TE30

Digital Voltage Tester
Make sure your system is sending the correct amount of electricity. Tester reads in 1,000-volt increments.

- Voltage Tester BS-TD10

Talk to an Expert. We will help you succeed: 800-503-5444.
**Easy Application**
Tree-Shock is easy to mount and connect using special ties that wrap around smaller branches that can also be attached to larger branches using aluminum nails. NOTE: Working in and around trees can be dangerous; using professional installers is recommended.

**How It Works**
When the bird/animal’s foot touches the positive and negatively-charged wires, it gets a shock that trains them to stay away.

**Virtually Invisible**
Tree-Shock was designed to have a unique, aesthetically-pleasing appearance.

**Totally Humane**
The intermittent shock is painful, but does not hurt the birds; it simply teaches them to stay away, long-term.

Patent Pending. The Tree-Shock™ system is a Bird Barrier trademark, as is the shape, style and overall appearance of the product. Look for this unique appearance to ensure it is a genuine Bird Barrier Tree-Shock™ product.

**WHERE TO USE**
- Tree branches
  - All bird species, and other wildlife too
  - All pressure levels
  - UV-Stabilized PVC and Stainless Steel
  - Tubing is mounted using zip ties and nailed ties
  - Somewhat involved

**TARGET BIRD**
All bird species, and other wildlife too

**BIRD PRESSURE**
All pressure levels

**MATERIAL**
UV-Stabilized PVC and Stainless Steel

**INSTALLATION**
Tubing is mounted using zip ties and nailed ties

**INSTALLATION LEVEL**
Somewhat involved

**Deters Birds and Wildlife**

Tree-Shock is virtually invisible against tree bark. People won’t notice it, but birds will.

A large tree is completely bird-free after having about 200 feet of Tree-Shock installed.

The charger’s two D-Cell batteries will power the system for about 60 days.
The Tree-Shock™ System
Durable PVC tubing wrapped with stainless steel wire. All sections include male connectors on one end (except for the 250 and 500 ft.). Female connectors can be added to the other end to connect sections together.

<table>
<thead>
<tr>
<th>Length (ft)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 ft.</td>
<td>BS-TS05</td>
</tr>
<tr>
<td>10 ft.</td>
<td>BS-TS10</td>
</tr>
<tr>
<td>15 ft.</td>
<td>BS-TS15</td>
</tr>
<tr>
<td>20 ft.</td>
<td>BS-TS20</td>
</tr>
<tr>
<td>50 ft.</td>
<td>BS-TS50</td>
</tr>
<tr>
<td>100 ft.</td>
<td>BS-TS100</td>
</tr>
<tr>
<td>250 ft.</td>
<td>BS-TS250</td>
</tr>
<tr>
<td>500 ft.</td>
<td>BS-TS500</td>
</tr>
<tr>
<td>By the foot</td>
<td>BS-TS015</td>
</tr>
</tbody>
</table>

6V/12V Battery Charger
Ideal for small jobs that cannot be plugged into mains, or are in the shade (where solar will not charge). This charger functions with a 6 or 12 volt rechargeable battery (sold separately). The battery must be secured to the tree or structure. A flashing light confirms the charger is functioning properly.

- Output voltage: 7.3 Kv
- Battery-Powered Charger: BS-CS15
- 6V Battery: BS-CS17
- 12V Battery: BS-CS18

Digital Voltage Tester
Make sure your system is sending the correct amount of electricity. Tester reads in 1,000-volt increments.

- 2 D-Cell Charger: BS-TD10

The Tree-Shock™ system Lead-Out Wire
Twisted copper, heavily insulated, 14 gauge double wire.

<table>
<thead>
<tr>
<th>Color</th>
<th>Length (ft)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>50 ft.</td>
<td>BS-LW10</td>
</tr>
<tr>
<td>Black</td>
<td>250 ft.</td>
<td>BS-LW65</td>
</tr>
<tr>
<td>Beige</td>
<td>50 ft.</td>
<td>BS-LW30</td>
</tr>
<tr>
<td>Beige</td>
<td>250 ft.</td>
<td>BS-LW60</td>
</tr>
</tbody>
</table>

Lead Wire Guides
Use to secure the lead wire to the trunk of the tree.

- 100/pkg. BS-LW45

Mounting Cable Ties - 8 in.
UV Stable. Nail or wrap-around the branch.

- 100/pkg. BS-Lw50

Aluminum Nails
These nails attach mounting cable to thick branches.

- 100/pkg. HA-AN10

Connectors
- Male Connectors: 50/pkg. BS-025
- Female Connectors: 50/pkg. BS-030
- Female Snap Tap: 50/pkg. BS-05K

Marlin Spike
This tool allows you to lift the wire from the Tree-Shock™ system and attach a Female Snap Tap.

- Marlin Spike: TO-MS05

Deluxe Wire Stripping Tool
Grabs, cuts and pulls the wire, you just squeeze. Use the #10 or #8 opening.

- Stripping Tool: TO-Q15

The Tree-Shock™ System Snips
Easily cuts the tube and wires.

- Snips: TO-DO50

Connector Crimp Tool
This tool delivers the perfect crimp.

- Crimp Tool: TO-Q20

Heat Shrink Tube
Used at ends and to lock connectors in place.

- 100/pkg. BS-SH10

Warning Labels
Bold, plastic warning labels should be placed prominently. Nail to the tree with aluminum nails.

- 10/pkg. BS-WL10

Holiday Light Method: When small birds land in the canopy of the tree (leaves, smaller branches), it may be advisable to protect the tree from the outside. Birds will land on the perches (the Tree-Shock™ system strung from limb to limb), and get shocked before going deeper into the tree.
Low-Visibility
Clear polycarbonate base and thin stainless steel rods are nearly invisible even from short distances.

Easy to Install
The base can be glued or screwed in place. Available in one foot lengths, each section can be broken into smaller sections to accommodate any architectural configuration. Pieces can also be kinked or permanently bent to conform to sharp angles.

No Debris
Bird-Flite’s wires are spaced 1.5 inches on center—far enough apart to repel pigeons, yet avoid entrapping debris, like paper, twigs, etc.

Humane
Bird-Flite’s spikes are blunted, preventing injury to birds or unsuspecting workmen. Birds typically hover above products before loafing so they will not be harmed.

Available in Three Widths (all are 12 in. long)
Because ledges vary in size, we offer three widths: Narrow, Wide and X-tra Wide.
Easy Application
Dura-Spike is an all stainless steel spike that comes in three-foot lengths for quick and easy application. The base can be cut easily with snips or shears. Dura-Spike bends easily allowing it to easily accommodate curves and irregular surfaces conforming easily to the building’s features.

How it Works
Pigeons and larger birds are not able to gain a foothold on the protected surface and are forced to take their mess elsewhere.

How to Install
Use the spacing guides (right) to determine the best model for the application. Clean the surface thoroughly, Secure using Bird Barrier Bond (see page 25) or screw it down.

Warranty
Dura-Spike is warranted for ten years and should perform for many more.

Totally Humane
The blunt tips on the ends of each spike cannot hurt birds or humans.

Space Saving Packaging
Dura-Spike stacks neatly, one row nesting neatly inside of another offering smaller boxes that take less room in the service vehicles.

Dura-Spike
Each piece = 3 ft.
Each case = 34 pcs. (102 ft.)
Narrow 2 1/2” (3 ft.) BP-S200
Wide 5” (3 ft.) BP-S400
Xtra-Wide 8” (3 ft.) BP-S600

Dura-Spike Snips
Easily cuts the base of the Dura-Spike.
Dura-Spike Snips TO-DS05

Bird Barrier Bond
New Bond 10.2 oz. (ea.) HA-BB03
Original Bond 10.2 oz. (ea.) HA-BB04

Dura-Spike attached to an electrical conduit with zip ties. A single row of Dura-Spike is ideal protection for this pipe in a parking structure. Two rows of Dura-Spike protect this wide ledge at a large industrial complex.
Nixalite®

WHERE TO USE
Any surface where pest birds are a problem. Ledges, beams, window sills, statues, lights, roof peaks, gutters, etc.

TARGET BIRD
For all bird species

BIRD PRESSURE
For all levels of infestation

MATERIAL
Stainless steel base strip and wires

INSTALLATION
Use supplied mounting hardware

INSTALLATION LEVEL
Easy to moderate

Made in the USA!
Nixalite barrier spikes are 100% made in the USA! Both the wire and base strip are produced and manufactured in the USA!

Lasting Quality
100% stainless steel flexible base strip and spring tempered wires. 20 year limited warranty. Lasts a lifetime. UV and fire proof spikes.

Effective
Proven effective against all pest bird species, on all types of surfaces, in all levels of bird and animal infestations.

No Gap Barrier
180° coverage with 5 wires per inch and 120 wire points per foot. Engineered to provide the best surface coverage without gaps or openings.

Humane
A simple physical barrier that occupies the space, denying birds and climbing animals access to the areas protected by Nixalite.

Environmental
Does not use plastic, chemical pastes or electricity to work. Earn LEEDs credits for materials, resources and designs.

Nixalite Spikes
Standard Mounting Hardware Included with Nixalite spikes.
Strips are 4 ft. in length.

<table>
<thead>
<tr>
<th>Model S (6 x 4 ft.)</th>
<th>BP-NX24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model S (12 x 4 ft.)</td>
<td>BP-NX48</td>
</tr>
<tr>
<td>Model S (25 x 4 ft.)</td>
<td>BP-NX100</td>
</tr>
</tbody>
</table>
Easy Application
Slip the stainless steel clips provided over the upper lip of the gutter and move on to the next section.

How it Works
Thin stainless steel spikes protrude upwards from a plastic base, making it difficult for birds to gain a foothold. Gutter-Point’s specially designed clips make it easy to install and the spike configuration protects not only the edge of the gutter, but the inside as well.

Removable
Many gutters require periodic cleaning, and Gutter-Point can be easily removed, then clipped back on when the cleaning is done.

Hard to See
The thin, but rigid, stainless steel rods are almost invisible from a distance.

Humane
Gutter-Point’s rods are not sharpened to prevent injury to humans, animals or birds.

Installation
Simply slip the stainless steel clips provided over the upper lip of the gutter and move on to the next section.

WHERE TO USE
Specifically designed for attachment to the inside lip of rain gutters

TARGET BIRD
Pigeon and larger

BIRD PRESSURE
Light - Medium

MATERIAL
Stainless Steel and Polycarbonate

INSTALLATION
Stainless steel clips slide over lip of rain gutters

INSTALLATION LEVEL
Easy
**WHERE TO USE**
Ledges, eaves, angle irons, I-Beams and most “L” shaped ledges where total exclusion is the goal.

**TARGET BIRD**
All species, including Swallows

**BIRD PRESSURE**
All pressure levels

**MATERIAL**
UV-stabilized Polycarbonate

**INSTALLATION**
Base is glued to any surface

**INSTALLATION LEVEL**
Easy to Moderate

---

**When Total Exclusion is a Must**
There are ledges where heavy pressure (nesting birds) demands an exclusion system, and netting may be visually unacceptable. BirdSlide completely protects the ledge against all bird species; they simply can’t get a grip and “slide” right off the ledge.

**Designed to Disappear**
When color matched to the structure, BirdSlide usually looks like it’s a part of the building. It comes in gray or beige, but can be primed and painted (by the customer) to match any color.

**Easy to Install**
For ledges six inches, the flat base simply glues to any clean surface using Bird Barrier bond. For narrow ledges the “fin” can be trimmed down; for wider ledges an extension can be added. BirdSlide can be screwed to wood.

**Long-Lasting**
Made from UV-stabilized polycarbonate. Two-year warranty against UV breakdown. Paint the product to extend its life.

**Customizable**
BirdSlide can be ordered in lengths up to ten feet (extra freight charges will apply), and it can be painted to match the structure.

---

(A) Ledges 3” to 6” Wide
Cut the trim area at the appropriate width.

(B) 6” Ledges
Use BirdSlide exactly as it comes out of the box.

(C) Ledges Wider than 6”
Attach these special extensions for even wider coverage.

(D) Eaves
BirdSlide can be installed under eaves to exclude mud swallows. It can easily be cut to accommodate beams and other architectural features.

---

BirdSlide is mounted to these ledges and painted white to match the aesthetics of this building. BirdSlide excluded 20+ nesting pigeons from this wide ledge above a roll-up door. BirdSlide can be cut to accommodate beams and other architectural features.

---

Ledges between the beams are an ideal application for BirdSlide. *Inverted application is not recommended for wide eaves.*

---

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More Ways to Buy BirdSlide

We are pleased to offer several new cases for your convenience.

» BirdSlide up to 10-feet long. Custom ordered.
  NOTE: extra freight will be charged for dimensional weight.
» Custom color runs for large projects.
» Call for details

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>BirdSlide Beige (5 ft.)</td>
<td>SL-5B05</td>
</tr>
<tr>
<td>BirdSlide Beige (15 ft.)</td>
<td>SL-5B15</td>
</tr>
<tr>
<td>BirdSlide Beige (30 ft.)</td>
<td>SL-5B30</td>
</tr>
<tr>
<td>BirdSlide Beige (50 ft.)</td>
<td>SL-5B50</td>
</tr>
<tr>
<td>BirdSlide Grey (5 ft.)</td>
<td>SL-5G05</td>
</tr>
<tr>
<td>BirdSlide Grey (15 ft.)</td>
<td>SL-5G15</td>
</tr>
<tr>
<td>BirdSlide Grey (30 ft.)</td>
<td>SL-5G30</td>
</tr>
<tr>
<td>BirdSlide Grey (50 ft.)</td>
<td>SL-5G50</td>
</tr>
</tbody>
</table>

End Caps

Next Generation. Keep birds and wildlife from getting behind the BirdSlide. Our extruded attachment slides on to the end of the BirdSlide, then the Corner piece slides into that at a 90 degree angle. Glue the cap to the wall and ledge, (sold in a pack of 5 right and 5 left end caps).

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small for 6” BirdSlide (B)</td>
<td>SL-5B90</td>
</tr>
<tr>
<td>Sm End Cap Beige (5 Pairs)</td>
<td>SL-5B90</td>
</tr>
<tr>
<td>Sm End Cap Grey (5 Pairs)</td>
<td>SL-5G90</td>
</tr>
<tr>
<td>Large for 6” BirdSlide plus one extension (C)</td>
<td>SL-5B95</td>
</tr>
<tr>
<td>Lg End Cap Beige (5 Pairs)</td>
<td>SL-5B95</td>
</tr>
<tr>
<td>Lg End Cap Grey (5 Pairs)</td>
<td>SL-5G95</td>
</tr>
</tbody>
</table>

Slide-on Extensions

For wider ledges (see photo on opposite page), BirdSlide Extensions can be added to increase the size and coverage. Extensions are 6” wide, and now they just slide on to the top of the BirdSlide. This is a fast and easy process which looks attractive and professional.

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extension Beige (5 ft.)</td>
<td>SL-5B60</td>
</tr>
<tr>
<td>Extension Beige (15 ft.)</td>
<td>SL-5B65</td>
</tr>
<tr>
<td>Extension Beige (30 ft.)</td>
<td>SL-5B70</td>
</tr>
<tr>
<td>Extension Beige (50 ft.)</td>
<td>SL-5B75</td>
</tr>
<tr>
<td>Extension Grey (5 ft.)</td>
<td>SL-5G60</td>
</tr>
<tr>
<td>Extension Grey (15 ft.)</td>
<td>SL-5G65</td>
</tr>
<tr>
<td>Extension Grey (30 ft.)</td>
<td>SL-5G70</td>
</tr>
<tr>
<td>Extension Grey (50 ft.)</td>
<td>SL-5G75</td>
</tr>
</tbody>
</table>

BirdSlide Seam Connectors

Gaps can appear between sections of BirdSlide when mounting to uneven surfaces. These new molded connectors lock the ends together and fill in the seam.

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seam Connectors Beige 6” (12)</td>
<td>SL-5B80</td>
</tr>
<tr>
<td>Seam Connector Beige 12” (12)</td>
<td>SL-5B85</td>
</tr>
<tr>
<td>Seam Connectors Grey 6” (12)</td>
<td>SL-5G80</td>
</tr>
<tr>
<td>Seam Connector Grey 12” (12)</td>
<td>SL-5G85</td>
</tr>
</tbody>
</table>

Install with Bird Barrier Bond, p. 21

A 10 oz. tube secures 25 ft.
Very Discreet
The Birdwire system is one of the least visible of all ledge products, and is frequently used on high-visibility ledges where aesthetics are important.

How it Works
Nylon-coated, spring-tensioned stainless steel wire is attached to stainless steel posts at differing heights and intervals. The posts are secured to masonry using nylon anchor rivets (requires drilling into the surface) or glue-on bases.

Variety of Options
The posts are available in various sizes and many different brackets and clamps allow installation on otherwise hard-to-protect surfaces like sprinkler pipes, rain gutters and I-beams. Stainless steel split pins can be used to install the system inside window reveals.

Totally Humane
Harmless to birds and humans alike.

Special Attachments
These attachments make it possible to install a Birdwire system anywhere.

Spacing Guidelines
Rows of wire are three inches or less apart, and installed at five foot intervals. Posts should alternate in height to increase the effectiveness of the system.

Springs are installed every ten feet (every other post) to ensure the correct tension.
Birdwire Posts
Made from polished 316 grade stainless steel. Flattened heads with a coined hole prevent chaffing of the Birdwire. The ends of the posts are chamfered for easy installation into the anchor rivets. For use with 1” Anchor Rivets. When drilling into masonry and using the 1” Anchor Rivet use these posts:

- 4.5 in. Posts (25) BW-P0452
- 4.5 in. Posts (100) BW-P045
- 6 in. Posts (25) BW-P0602
- 6 in. Posts (100) BW-P060

For use with Glue-on Bases
When drilling is not an option, use Glue-on Base and these posts:

- 3.5 in. Posts (25) BW-P0352
- 3.5 in. Posts (100) BW-P035
- 5 in. Posts (25) BW-P0502
- 5 in. Posts (100) BW-P050

1” Anchor Rivet
Low-profile nylon anchor provides a secure installation for the posts when drilling into masonry. Color is gray. 100/bag

- Anchor Rivet – 1 in. (100) NI-AR10
- 6.5mm Drill Bit TB-S065

Birdwire Glue-on Base
Base can be glued or screwed onto properly prepared metal or wood. Set screw secures post. Color is gray. Other colors may be available by special order; call for information. Ten per bag.

- Glue-On Bases (10) BW-B100
- Bond 10.2 oz. (ea.) HA-BB03
- Super Bond Tube (2 part) HA-RS01

*One Bond tube installs 125 bases, see page 21 for more details

Birdwire Crimp
Thread Birdwire through nickel–plated copper crimp to attach it to the bird posts or split pins. 100 crimps per bag.

- Birdwire Crimps (100) BW-C000

Springs
Made from 316 grade stainless steel with one loop slightly open to facilitate attachment to the bird post or split pin. Available in standard or less conspicuous micro-spring. 100 springs per bag.

- Standard Spring (100) BW-SS00
- Micro Spring (100) BW-SM00

Beam and Gutter Clamps
Install Birdwire posts to an I-beam or other horizontal steel surface (up to 3/4” thick). All stainless steel. Install Birdwire posts to the gutter bead, metal roof or other vertical surfaces (up to 3/4”). All stainless steel. Posts are 3.5 in. tall. 10/pack.

- Beam Clamp (10) BW-BC00
- Gutter Clamp (10) BW-GC00

Ridge Brackets
Special brackets are available for both triangular and half-round ridge roof tiles. The ridge bracket can be screwed in place, while the half-round bracket has two adjustable locking flanges.

- Bracket - 3 Posts (ea.) BW-RB31
- Bracket - 5 Posts (ea.) BW-RB51
- Bracket Round-2 Posts (ea.) BW-RB30

Railing Clamps
Birdwire posts are welded to adjustable, stainless steel clamp for attachment to handrails or pipes. Six sizes are stocked; other configurations and larger clamps available by special order. Ten clamps per pack.

- 1 in. clamp - 1 Post (10) BW-RC11
- 2 in. clamp - 1 Post (10) BW-RC21
- 3 in. clamp - 1 Post (10) BW-RC31
- 4 in. clamp - 1 Post (10) BW-RC41
- 4 in. clamp - 2 Posts (10) BW-RC42
- 6 in. clamp - 2 Posts (10) BW-RC62

Pipe Diam.
- 3/4” - 1-1/4”
- 1” - 2-1/2”
- 2” - 3-1/2”
- 3-1/4” - 4-1/4”
- 3-1/4” - 4-1/4”
- 4-3/4” - 6-1/4”

Birdwire Crimp Tool
Specially designed indent crimping tool for attaching crimps to the Birdwire. This tool also has wire snips.

- Birdwire Crimping Tool (ea.) T0-BW10

Birdwire
Seven-stranded, stainless steel wire, coated with ultraviolet-stabilized clear nylon. Diameter is .7mm with a breaking strength of 100 lbs.

- Birdwire (250 ft.) BW-W010
- Birdwire (500 ft.) BW-W020
- Birdwire (1,000 ft.) BW-W030

Talk to an Expert. We will help you succeed: 800-503-5444.
**Tower Guard™**

**WHERE TO USE**  
Long, exposed ledges, parapets, signs, beams, pipes, railings

**TARGET BIRD**  
Gulls, Cormorants, Vultures, Osprey, Hawks and Owls and other large birds

**BIRD PRESSURE**  
Light - Heavy

**MATERIAL**  
UV Stabilized Plastic, polyester line, some metal parts

**INSTALLATION**  
Secure posts to the structure. Run wire or polyester cord loosely through the holes in the posts.

**INSTALLATION LEVEL**  
Easy

---

**How it Works**  
Tower Guard deters Gulls, Cormorants, Vultures, Osprey, Hawks and Owls and other large birds. It creates both a visual and physical barrier for railings and flat surfaces. Birds are looking for a low "cost of energy" perch that is easy and safe. As they view the system, they see that it takes away the perch and it is too small and unstable to land on.

**Removable**  
By pulling a simple pin, the posts can be easily removed from the bases. This allows for maintenance on antennas and railing where access is important.

**Material**  
Made from the same plastic that the telecom industry uses for its outdoor boxes. It's well documented to withstand UV degradation for many years.

**RF Transparent - Non-Conductive**  
For sensitive applications (radar, cell sites and power substations), the Tower Guard system can be installed without metal parts. Use the polyester cord (not the metal Birdwire), and replace the Post Locking Pin with a short length of polyester cord, knotted as shown on the opposite page.

**Safety Tip**  
In areas where people may come in contact with the posts, a version with a yellow rounded safety cap is an option.

**Placement**  
Flat Surface - Posts should be no more than 2 in. from the outer edge. They should be no more than 5 ft. apart from each other. When running multiple rows, stagger the posts as shown in the diagram.

**Mounting Options**  
The V base can fit on a round or square railing. These can be attached with plastic cable ties, metal hose clamps or with nails/screws.

The round/flat base can be placed on beams with magnets, metal parapets with a washer and adhesive, on wood with nails or screws and concrete with concrete screws.
Tower Guard™

**Tower Guard Posts**
The posts are 14” tall and are ½” in diameter. They are designed to accommodate different heights of cord or wire. We recommend using one of the top and bottom holes to create those levels. Both the cord and wire are easily pulled through the holes. High winds and temperatures do not affect the posts. The post tip adds an extra repellent feature, but if safety is a concern, the Safety Posts, featuring a yellow cap, should be used. Use the stainless steel on corners with significant tension.

<table>
<thead>
<tr>
<th>Tower Guard Posts (25)</th>
<th>TG-PO5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel Posts (5)</td>
<td>TG-P20</td>
</tr>
<tr>
<td>Tower Guard Safety Posts (25)</td>
<td>TG-P10</td>
</tr>
</tbody>
</table>

**Wire and Cord**
The stainless wire offers lower visibility for sensitive areas, whereas the polyester cord is more of a visual irritant to the birds. Leaving a little slack in the line adds another imbalance for those that try to perch. Use the cord if a non-metallic installation (for communication towers and radar installations) is required.

- **Birdwire, Nylon Coated SS, 250 ft.** BW-W010
- **Birdwire, Nylon Coated SS, 500 ft.** BW-W020
- **Birdwire, Nylon Coated SS, 1,000 ft.** BW-W030
- **Birdwire Crimps (100)** BW-C000
- **Birdwire Crimping Tool (ea.)** TO-BW10
- **Polyester Cord, 1/8”, 500 ft.** TG-PC05
- **Polyester Cord, 1/8”, 1,500 ft.** TG-PC15
- **Tower Wire, 375 ft.** TG-PC20

**Post Lock**
Tower Guard bases come standard with a metal safety pin to lock the post into the base. For non-metallic installations, substitute the polyester cord, with two knots. This is a fast and easy application. UV stable zip ties can also be used for a non-metallic installation.

<table>
<thead>
<tr>
<th>Post Lock Safety Pin (30)</th>
<th>TG-B30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post Lock Zip Ties 7” (30)</td>
<td>TG-B15</td>
</tr>
</tbody>
</table>

**Tower Guard Bases**
Both bases stand 5 in. tall without the posts. Choose the right base for the surface being protected (see box at bottom of page 38). Generally, the V-base is for tubes, and the round base is for flat surfaces. Mount the bases 5’ apart. Stagger them every 2-1/2 ft. if installing multiple rows. Rows should be not more than 5” in. apart.

<table>
<thead>
<tr>
<th>Tower Guard V-Base (5)</th>
<th>TG-B05</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tower Guard Round Base (5)</td>
<td>TG-B10</td>
</tr>
</tbody>
</table>

**Fasteners for Round Base**
For steel surfaces, choose the magnetic base with the O-Ring. To glue to a surface, add the Flat Disk for maximum adhesion. For wood, use the Screw/Nail kit.

- **A. Magnet for Round Base (5)** TG-F05
- **B. Flat Disk to Glue Round Base (5)** TG-F10
- **C. Bird Barrier Bond 10.2 oz.** HA-BB03

The bases can be screwed or nailed to many surfaces. Be sure to select an appropriate screw, nail or Tapcon (for cement).

**Fasteners for V-Base**
These can be attached with the ultraviolet-protected cable ties or the stainless hose clamp. Use a cable tie tool when installing the ties for a strong, consistent install (it tightens and cuts the excess length). The hose clamps should be tight, but not enough to damage the base. Both work in all environments. (Note: cold-weather condition zip ties are also available).

- **Nylon 12 Zip Ties, 120 lbs. 14’’ (10)** TG-F20
- **Zip Tie Application Gun (ea.)** TG-F25
- **Hose Clamps, SS, 1-3/4” – 2-3/4” (10)** TG-F30

*Note: Nylon 12 Zip Ties provide the longest outdoor life.*

**Non-Conductive Systems**
Use Tower Wire to create a non-conductive deterrent solutions, safe for electrical equipment like substations.

**Stainless Steel, for ends and corners.**

**NEW**

**Undamaged in Hurricane Irma**

Multiple rows of Tower Guard keep large birds off wide ledges like this metal parapet cap.

**When applying to curves, place the bases closer together so large birds cannot land on unprotected rails.**

Also available, galvanized steel solutions for towers.
Pro-Peller

The Pro-Peller is a durable, cost-effective unit used to complement the Eagle Eye by extending the effective range and flashing pattern. The unit rotates by means of its double-bearing system and the wings have been designed to rotate in the slightest of breezes.

- Pro-peller Silver EE-PPS
- Pro-peller Red EE-PPR

What is Eagle Eye?

The Eagle Eye Bird Control System is a sustainable, scientifically-based, open-area bird deterrent system comprising different visual devices that—while completely harmless—encourages birds to take up residence elsewhere through behavior modification.

The Eagle Eye and Pro-Peller visual devices deter birds from a given airspace by reflecting filtered sunlight at a particular wavelength that they have adapted to associate with danger. After perceiving the light from Eagle Eye, birds will change their flight paths to avoid the protected area. Each unit is coated with a special surface layer that filters light unique to each species. This reflected light does not affect humans or other animals such as livestock, so it is safe to use in nearly any industrial, commercial, residential, or agricultural application.

The Eagle Eye Guarantee

The key to any Eagle Eye installation is proper placement with regard to the building’s orientation, environment, obstacles, and even the movement of the sun across the sky!

Eagle Eye’s experienced in-house team of technicians use satellite photography of the location to design a solution unique to each commercial, industrial, residential or agricultural setting.

When properly specified and installed, Eagle Eye will guarantee a reduction in bird presence of up to 60-80% within three months in most cases. While Eagle Eye visual deterrents do not typically affect nesting birds, Eagle Eye’s auditory devices and Bird Barrier’s physical devices complete the system to offer a robust, long-term solution.
**Eagle Eye®**

### Two Colors of Eagle Eye for Different Species

The Eagle Eye is available in two different colors to match the ocular morphology of various species.

- **Silver/Gold = Land Birds**
- **Red = Marine Birds**

### Eagle Eye System Components

The Eagle Eye unit is a rotating, reflective pyramid with irregular, angled sides that reflect light in various directions. The flagship device of the Eagle Eye Bird Control System, the Eagle Eye provides the greatest amount of coverage over the largest areas. There are powered and wind-driven options available.

#### 110v. Kits

This kit includes a new weatherproof electrical housing, lead wire, straight and bent tube, metal mounting bracket and hardware kit.

- Eagle Eye 110v Red Kit EE-1PR
- Eagle Eye 110v Gold Kit EE-1PG

#### Solar Kits

This kit includes a more powerful solar panel, lead wire, straight and bent tube, metal mounting bracket and hardware kit.

- Eagle Eye Solar Red Kit EE-1SR
- Eagle Eye Solar Gold Kit EE-1SG

#### Wind-Powered Kits

This kit comes without the motor and has wind wings mounted on each corner (it spins in the slightest breeze), straight and bent tube, metal mounting bracket and hardware kit.

- Wind-Driven Red Kit EE-1WR
- Wind-Driven Gold Kit EE-1WG

### Mounting Pole

The pole mounts into the flat bracket to provide better range of coverage for the Eagle Eye. The bracket should then be mounted to a substantial surface such as a paver brick or the building itself to prevent falling over. If using a paver brick, the solar panel can mount there as well to create a self-contained, portable unit (see photo).

- Mounting Pole EE-XP6

### Angled Mounting Bracket

For mounting to peaks or corners. Not included in kits.

- Angle Bracket EE-AB

### Eagle Eye Shine

The Eagle Eye needs to be cleaned periodically to maintain its reflectivity. Use these special formulas designed to maximize the unit’s reflective properties while protecting the surface from oxidation and degradation. Cleaning formulas are specific to the color of the Eagle Eye unit.

- Eagle Eye Shine EE-SHN

### Introducing Bird Breezer - Motion Bird Scarer

A highly visible rotating device that deters approaching birds from landing nearby. The Bird Breezer is most effective when installed in direct sunlight and requires only a slight breeze to rotate. Ideal for rooftops, chimneys, parapets, pergolas, louvers as well as reducing bird-related crop damage in the agriculture. The Bird Breezer unit and mounting bracket are made out of ABS plastic. The four metalized ABS cups rotate on a durable double-bearing assembly to ensure optimal sensitivity, balance and longevity. Glue or screw to the surface.

- Bird Breezer Silver Gold (ea) EE-BBS
- Bird Breezer Red (ea) EE-BBR

Silver/Gold = Land Birds

Red = Marine Birds

Talk to an Expert. We will help you succeed: 800-503-5444.
**Product Information**

OvoControl P is a ready-to-use bait that controls the reproduction of treated birds, causing the population to decline. This effective and humane technology is especially useful for managing pigeon flocks in larger areas without having to resort to poisons and their associated risks.

**Registered by EPA (Reg. #80224-1)**

Approved in all states as a general use pesticide, OvoControl P is ideal for large areas where some pigeons can be tolerated but where a substantially reduced population is desired. OvoControl P is non-hazardous and supported by the Humane Society of the United States, ASPCA, Audubon and the Peregrine Fund.

**Recommended Use**

Baiting can begin at any time — flat rooftops are ideal. OvoControl P has a wide margin of safety and efficacy. No special license is required to purchase or apply the product.

**Efficacy**

Pigeons breed rapidly — just five mating pairs can produce up to 400 pigeons in only two years. Fortunately, the life-span of urban pigeons is short, limited to just 2-3 years. When applied according to label directions, OvoControl P interferes with egg hatchability. Since no new birds are hatching, the population of birds declines naturally and continuously. Field studies show a reduction of approximately 50% annually. Recently collected data at a monitored site in San Diego reflected an 88% decline over 28 months.

**Dosage**

OvoControl P is supplied in 30 lb. bags. Apply once daily with an automatic feeder at a rate of 1 lb. per 80 pigeons.

**Non-targets**

OvoControl P has a contraceptive effect only in birds and has no secondary effects in birds of prey. OvoControl P is considered a pesticide and care should be taken to avoid administration to non-target birds and other animals.

**OvoControl® P**

- Bait Kibbles - 30lbs: OV-PG05
- Tripod Feeder: OV-PG12
- Feeder Mat: OV-PG25

**VIDEO**

“The process of utilizing OvoControl is by far the best method for power plants and large utility operations to manage, reduce and control pigeon populations.”

Gavin Gallifant
National Environmental Solutions
Peoria, AZ
OvoControl application is made easy with an automatic feeder, rechargeable battery and solar panel.

Acting as birth control, OvoControl eliminates the ability for pigeons to reproduce and allows the population to decline.

Feeder
Tripod Feeder includes battery and solar panel.

Feeder Mat
Heavy Duty 3/8” rubber mat protects sensitive roofs and secures the feeder to a flat surface. Features pre-punched bolt holes that match up to the feeder’s feet for a bolted connection. Secure with bricks or other appropriate weights.

At a South Carolina chemical plant, a combination of OvoControl & live trapping reduced the pigeon burden to near zero over just 6 months.

From 200 pigeons to just 5 over 24 months. This college remains essentially pigeon-free.

OvoControl ready-to-use kibbles are sized just right for pigeons.

Technicians service an automatic feeder at a paper mill in Canada.

A Houston medical center used OvoControl as well as physical deterrents to rid the facility of a chronic pigeon problem.

From 200 pigeons to just 5 over 24 months. This college remains essentially pigeon-free.
Finally, Mist Nets that are EASY to Set Up and Take Down!

Reach ceilings up to 36 ft. without ladders or lifts.

Using a mist net to capture birds in a store is already a challenging matter. Your equipment shouldn’t make it harder!

Bird Barrier’s new Mist Net Kits minimize labor time and headaches through a series of innovations:

1. An angled 140-pound magnet locks to steel beams, shelves and pipes.
2. Rubber coated hooks are used to hang poles from pipes and conduit.
3. A removable, 60-inch top section enables users to simply roll up mist nets when done using them.
4. Telescoping 18-foot and 24-foot bottom-section poles deliver smooth cam-lock section control. And aluminum is far stiffer than fiberglass.
5. A locking coupler provides a strong link between the top section and telescopic poles.
6. Flexible fiberglass chase pole and painter’s tape flag are an ideal way to chase birds toward the net.
7. Laser pointer reinforces the chase pole.

The mist net rolls up easily around the removable top section of the pole:

To ensure the netting will not tangle, roll it up on the pole with a sheet of plastic as shown above (otherwise it will not unroll). Make sure the edges of the netting are within the borders of the plastic sheet. Plastic sheet is included in the kit.
Mist Net Kits – Fast to Deploy, Easy to Use

Bird Barrier has invested significant time in the field perfecting these Mist Net Kits. Emphasis has been placed on strength and rigidity, deployment speed, and effectiveness. The most significant development is undoubtedly the removable top pole which allows the operator to simply unroll the net; no more un-bundling a tangled net and attaching it to the pole every time.

**Single Kit**

<table>
<thead>
<tr>
<th>22 ft. Mist Net Kit - One Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Mist Net 8 x 40 ft</td>
</tr>
<tr>
<td>(2) Aluminum Extension Poles 18ft</td>
</tr>
<tr>
<td>(2) 60” Pole Tops</td>
</tr>
<tr>
<td>(2) Magnetic Angle Adapter</td>
</tr>
<tr>
<td>(2) Pole Top Hooks</td>
</tr>
<tr>
<td>(1) Locking Coupler</td>
</tr>
<tr>
<td>(1) Fiberglass Pole 19ft</td>
</tr>
<tr>
<td>(1) Laser Pointer</td>
</tr>
<tr>
<td>(1) Carrying Case</td>
</tr>
<tr>
<td>N8-MN21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>28 ft. Mist Net Kit - One Set</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Mist Net 8 x 40 ft</td>
</tr>
<tr>
<td>(2) Aluminum Extension Poles 24ft</td>
</tr>
<tr>
<td>(2) 60” Pole Tops</td>
</tr>
<tr>
<td>(2) Magnetic Angle Adapter</td>
</tr>
<tr>
<td>(2) Pole Top Hooks</td>
</tr>
<tr>
<td>(2) Locking Coupler</td>
</tr>
<tr>
<td>(1) Fiberglass Pole 19ft</td>
</tr>
<tr>
<td>(1) Laser Pointer</td>
</tr>
<tr>
<td>(1) Carrying Case</td>
</tr>
<tr>
<td>N8-MN12</td>
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</table>

**Double Kit**

<table>
<thead>
<tr>
<th>22 ft. Mist Net Kit - Two Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Mist Net 8 x 30 ft</td>
</tr>
<tr>
<td>(1) Mist Net 8 x 40 ft</td>
</tr>
<tr>
<td>(4) Aluminum Extension Poles 18ft</td>
</tr>
<tr>
<td>(4) 60” Pole Tops</td>
</tr>
<tr>
<td>(4) Magnetic Angle Adapter</td>
</tr>
<tr>
<td>(4) Pole Top Hooks</td>
</tr>
<tr>
<td>(4) Locking Coupler</td>
</tr>
<tr>
<td>(2) Fiberglass Pole 19ft</td>
</tr>
<tr>
<td>(1) Laser Pointer</td>
</tr>
<tr>
<td>(1) Carrying Case</td>
</tr>
<tr>
<td>N8-MN8</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>28 ft. Mist Net Kit - Two Sets</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Mist Net 8 x 30 ft</td>
</tr>
<tr>
<td>(1) Mist Net 8 x 40 ft</td>
</tr>
<tr>
<td>(4) Aluminum Extension Poles 24ft</td>
</tr>
<tr>
<td>(4) 60” Pole Tops</td>
</tr>
<tr>
<td>(4) Magnetic Angle Adapter</td>
</tr>
<tr>
<td>(4) Pole Top Hooks</td>
</tr>
<tr>
<td>(4) Locking Coupler</td>
</tr>
<tr>
<td>(2) Fiberglass Pole 19ft</td>
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<tr>
<td>(1) Laser Pointer</td>
</tr>
<tr>
<td>(1) Carrying Case</td>
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<td>N8-MN9</td>
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</table>

**Mist Net Items**

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 x 20 ft. Mist Net</td>
<td>N8-MN10</td>
</tr>
<tr>
<td>8 x 30 ft. Mist Net</td>
<td>N8-MN15</td>
</tr>
<tr>
<td>8 x 40 ft. Mist Net</td>
<td>N8-MN20</td>
</tr>
<tr>
<td>18 ft. Aluminum Extension Poles</td>
<td>N8-TP05</td>
</tr>
<tr>
<td>24 ft. Aluminum Extension Poles</td>
<td>N8-TP10</td>
</tr>
<tr>
<td>60 in. Pole Tops</td>
<td>N8-TP20</td>
</tr>
<tr>
<td>Magnetic Angle Adapter</td>
<td>N8-MG01</td>
</tr>
<tr>
<td>Pole Top Hooks</td>
<td>N8-TP25</td>
</tr>
<tr>
<td>Locking Coupler</td>
<td>N8-TP30</td>
</tr>
<tr>
<td>19 ft. Fiberglass Pole</td>
<td>N8-TP00</td>
</tr>
<tr>
<td>Laser Pointer</td>
<td>N8-LP00</td>
</tr>
<tr>
<td>Small Carrying Case</td>
<td>N8-KC10</td>
</tr>
<tr>
<td>Large Carrying Case</td>
<td>N8-KC15</td>
</tr>
</tbody>
</table>

Magnetic Pole Top

Featuring 140 lbs. pull force, this is a fast, convenient way to secure mist net poles to beams, pipes and other metal surfaces.

**Mist Net in Place**

When properly deployed, a Mist Net develops hanging pockets to catch the birds. When a bird is caught the net must be taken down immediately and the bird removed safely.
Sparrows and Starlings in a facility are messy and difficult to catch. The Trap Door makes it easy. Sparrows hear the friendly chirp, see the food, step on the perch, and fall inside unharmed. The trap contains the bird waste, bait etc. It is a hygienic way to contain the birds until they can be removed from the building.

Preventative Sparrow and Starling Control
Place traps where birds are anticipated, and catch them when they first enter. The audio can be programmed to work with any schedule.

Sparrow Call Dramatically Increases Efficacy
The Trap Door is four times more effective with the optional audio attractor. The call operates on an intermittent basis so birds don’t get used to it. There are ten different programs to choose from. Use on the Trap Door, or to draw sparrows into a mist net or cage trap.

The Sparrow Trap Door has become a hit at commercial airports! Completely safe for public areas. In just three years we’ve sold thousands of trap doors globally to help relocate birds trapped indoors.

For 2018 we’ve made the Trap Door even more powerful tool for your arsenal by offering the Bird Alert – now your trap is autonomous and will text its status to your mobile phone! First trap of its kind to text you when it catches a bird.

Positioning
The trap should be placed high up in the facility near the most bird activity. Put on a shelf or hang from a pipe. Set the trap to the open position and bait and check regularly. Multiple traps will be necessary in large facilities. Detailed instructions are included.

High-Reach Pole Mounting
Now Trap Doors can be positioned on high shelves and hung from pipes (hanger included) from the safety of the ground. All Trap Doors now ship with a pole attachment riveted to the back, which accepts Bird Barrier’s aluminum extension poles (see page 63).

Convert to a Multi-Catch
The Trap Door can be secured to the top of a Bird Barrier sparrow trap. The Trap Door captures the first bird and drops it into the cage trap. Once inside that bird attracts more birds. See page 52.

Sparrow Trap Door Parts
<table>
<thead>
<tr>
<th>Part Description</th>
<th>Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sparrow Trap Door</td>
<td>TT-SP15</td>
</tr>
<tr>
<td>Sparrow Trap Door w/ Audio</td>
<td>TT-SP20</td>
</tr>
<tr>
<td>Sparrow Trap Audio Module</td>
<td>TT-SP25</td>
</tr>
<tr>
<td>110 v. USB Plug and 10 ft. Cable</td>
<td>TT-SP27</td>
</tr>
<tr>
<td>Cage Trap for Sparrow Trap Door</td>
<td>TT-SP29</td>
</tr>
</tbody>
</table>

Trapped Door Dimensions Closed: 12.5”H x 6.5”W x 11.5”D
Trapped Door Dimensions Opened: 18.25”H x 6.5”W x 9.25”D
Bird Traps

Collapsible Pigeon Trap
- 35” x 16” x 8” High
- Easy to assemble
- Collapses to one inch for storage
- Shade screen
- Four one way entry doors
- Heavy 14 gauge galvanized welded wire
- Unique design, water/feeder kit can be added
- Centered top access door for easy removal of birds
- Capacity: 10+ birds

Collapsible Pigeon Trap TT-SW05

Pigeon Trap w/Shade, Water & Feeder
- 35” x 16” x 8” High
- Three one way entry doors with door guard
- Centered top access door for easy removal of birds
- Shade screen
- Water container/feeder pan designed for easy service
- Shade/water/feeder features attracts additional birds
- Heavy 14 gauge galvanized welded wire
- Capacity: 10+ birds

Pigeon Trap w/Shade TT-SW10

Lg. Pigeon Trap w/Shade, Water & Feeder
- 46” x 24” x 10” High
- Six one way entry doors with door guard
- Two easy access top doors for removal of birds
- Shade screen
- Two water containers and one feed pan for easy service
- Shade/water/feeder features attracts additional birds
- Heavy 14 gauge galvanized welded wire
- Capacity: 20 - 30+ birds

Lg. Pigeon Trap w/Shade TT-SW15

For Starling Traps, visit birdbarrier.com

Repeating Pigeon Trap with Shade
This trap is designed with a unique hinged divider - for easier bird bird removal and features a Full Wire Floor. Has 4 one way entry doors with door guards - this means it has doors on all sides! Plus you have 2 centered top access doors for easy removal of birds. Can hold 35+ birds and no assembly required - simply remove from the box and place where needed.

Repeating Pigeon Trap (ea.) TT-2446
Dimensions: 46” x 24” x 10”
Shipping weight: 13 lbs

Pigeon Trap
- Easy Assembly
- Completely collapses to 1” for storage
- Four one-way entry doors; one on each side
- Unique design: built-in feature for optional water/feeder kit
- Capacity: 18+ birds

Pigeon Trap (ea.) TT-PI10
Dimensions: 40” x 22” x 12” High
Shipping Weight: 14 lbs.

Pigeon Trap for Slanted Surface
A complete trap that can be set up in minutes saving your company valuable time and money. Patent pending. As with all traps, this trap should be secured to slanted roofs with a safety line.
- 36” x 24” x 10” High
- Six one way entry doors with door guard
- Two easy top access doors for easy removal of birds
- Heavy galvanized flat pan
- Four entry door ledges with food trays built in
- Set of four adjustable legs, two - 12”, two - 24” - used for leveling out trap, no tools needed
- Water container/feeder kit designed for easy service
- Shade/water/feeder features attracts additional birds
- Capacity: 20+ birds

Pigeon Trap w/Shade TT-SW20

Lg. Pigeon Trap w/Shade TT-SW15

Talk to an Expert. We will help you succeed: 800-503-5444.
Sparrow Trap
Two-chamber, bi-level repeating trap is ideal for sparrows. The trap accommodates twelve sparrows at a time. Unlike ground level traps, the birds enter the trap and immediately move to the elevated 2nd level, which eliminates their feeling of entrapment and the need to emit a distress call.

Sparrow Trap (ea.) TT-SP10
Dimensions: 16” x 12” x 8”
Shipping Weight: 4 lbs.

Repeating Sparrow Trap
This trap has many innovative features including:
• Divided trap with two top access doors
• Proven bi-level design
• Easy access to service feed and water
• Six entry funnel doors, three for each compartment

Repeating Sparrow Trap (ea.) TT-SP50
Dimensions: 36” x 24” x 10” High
Shipping weight: 14 lbs.

The Big Mama Pigeon Trap with Perches
Catch up to 25 pigeons at a time. This trap has many innovative features including:
• Four easy entry doors (two at each end)
• Two wooden perches create more room for others below
• Large access doors to service food and water
• Can be extended to double size (50 birds) with the Transporter Carrier or transfer birds into the Transporter for carrying

Large Pigeon Trap (ea.) TT-Sw25
Dimensions: 36” x 24” x 26” High
Shipping weight: 19 lbs.

The Monster Pigeon Trap with Perches
The biggest pigeon trap available, catch up to 50 birds at a time
• Six easy entry doors (two at ends, one on each side)
• Four wooden perches create more room for others below
• Large access doors to service food and water

Large Pigeon Trap (ea.) TT-Sw30
Dimensions: 80” x 24” x 26”
Shipping weight: 40 lbs.

Pigeon Transporter Carriers
These transporters are the perfect way to take birds from a site without having to bag or carry large traps through buildings.
• Secure to the Big Mama Pigeon Trap with provided latches, birds simply move into the Transporter
• Top and side easy access doors
• Slide-out pan for easy cleaning
• Can accommodate separate food and water modules (see this page)

Carrier for 12-20 Birds TT-SW40
Carrier for 30-35 Birds TT-SW45

Water & Feeder Kits
Add water and food to many of our traps with these modular kits. Easy to install and clean.

48 oz. Water & Feeder Kit TT-SW50
For smaller pigeon traps, 12” x 6” x 8” High

One Gal. Water & Feeder Kit TT-SW55
For large pigeon traps, 16” x 10” x 10” High

Multi-Catch Cage Trap for the Sparrow Trap Door
Turn your Sparrow Trap Door into a repeating trap. The first sparrow is caught and falls inside the cage trap. Once inside it sings happily and attracts other birds.
• Trap Door secures to the top with spring clips
• Can be hung from the ceiling with provided cable bridle
• Two “draw bridge” style patios provide safe entrance for birds and are hinged up for transport
• Secure inner chamber can be stocked with food and water
• Sanitary metal slide-out pan keeps all food and droppings inside the trap
• Trap Door trap can be easily removed by unlatching the spring clips from the slots and sliding the trap forward while closing the top of the cage to eliminate the possibility of any birds escaping.
• Includes food and water containers for humane treatment of birds

Cage Trap for Sparrow Trap Door (ea.) TT-SP29

Includes food and water containers

For Starling Traps, visit birdbarrier.com
Dryer Vents

Birds and wildlife love warm dryer vents, for obvious reasons. And many methods of exclusion are short-term or worse. Some also hold lint and clog up the exhaust. The Defender and Dryer Wall Vent are long-lasting, powder-coated metal solutions that keep the pests out without interfering with the dryer’s functionality.

The Defender

Keep pests like birds and squirrels from making a home in exhaust systems with the Defender. Vertical bars keep animals at bay while minimizing lint buildup. This vent cover is made of zinc coated steel that is also powder coated to stand the test of time.

The Defender Vent Guard 6.5”, White SD-DV04
The Defender Vent Guard 6.5”, Tan SD-DV05
The Defender Vent Guard 6.5”, Brown SD-DV06
The Defender Vent Guard 8”, White SD-DV07
The Defender Vent Guard 8”, Tan SD-DV08
The Defender Vent Guard 8”, Brown SD-DV09

Dryer Wall Vent

Engineered for a quick, perfect fit for both vent replacement and new construction, this stylish and durable enclosure meets or exceeds all code requirements for safe dryer venting. Heavy gauge galvanized steel body with powder coating ensures a long duty life. Clean lines make a nice aesthetic contribution to every home.

Dry Wall Vent 4” Flush Mount, White SD-DV01
Dry Wall Vent 4” Flush Mount, Tan SD-DV02
Dry Wall Vent 4” Flush Mount, Brown SD-DV03

Benefits:
• Improves Aesthetics with Flush Installation
• Installs Easily in New and Existing Construction
• Simplifies Duct Cleaning with Easy Accessibility
• Deters Bird and Rodent Entry
• Maximizes Airflow Efficiency
• Helps Minimize Dryer Cycle Times
• Extra Protection Against the Elements

Materials:
• Heavy Gauge Galvanized Steel Housing
• Lighter weight Gauge Galvalume® Damper
• Polyester TGIC Weather Resistant Powder Coating

Plastic vent covers typically don’t last due to ultraviolet and heat damage.
Bird-Gard
A programmable electronic repeller that uses a variety of species specific distress signals and predator calls to send a “danger” alert to other birds in the area. All units have on-off and volume control, a “time off” phase between sounds and a day-night 24 hour switch. Ideal for spot dispersal of flocking birds in small areas. Plugs into 110 volt power outlet. There are two models: Pro #1 repels pigeons, starlings, sparrows, seagulls and woodpeckers. Pro #2 repels blackbirds, grackles, crows, geese and hawks.

| Bird-Gard Pro #1  | SD-BG40 |
| Bird-Gard Pro #2  | SD-BG42 |
| Bird-Gard Extra Speaker | SD-BGS40 |

Zon Gun
Propane Cannon for Airports, Fields and Large Open Areas. A lightweight portable propane-fired cannon emits automatic thunderclaps that deters birds and other nuisance wildlife. The intervals between detonations can be adjusted from 2-30 minutes. The Zon Gun operates on LP gas and uses a ‘piezo’ lighter for ignition, which is good for 100,000 sparks. Each 10kg bottle of propane produces 12-15,000 detonations. Model A is standard ground mounted unit and model B is standard unit on tripod shown with propane tank. Standard Model: Fully automatic, ground mounted, simple, practical, effective, rotates 360°.

| Standard Zon Gun (ea.) | SD-ZN10 |
| Timer for Zon Gun (ea.) | SD-ZN25 |
| Tripod for Zon Gun (ea.) | SD-ZN15 |

Spray Away Hydro-Remote Bird & Animal Sprinkler
Chase or harass birds and other pests with a quick blast of water. Protect ponds, lawns, rooftops, pool decks and other challenging settings.
- Remote-control features can be used up to 100 feet away from unit
- Dual purpose motion-activated sprinkler designed to protect yard from nuisance animals OR water your garden
- Watering feature can be set to 15, 30, or 60 minute timer
- Infrared sensor detects animal’s heat & movement activating sprinkler
- Protects up to 1,900 square feet of gardens, yards and ponds

How it Works: The Spray Away Elite Motion Detector Sprinkler Animal Repellent is a water-based repellent that works by detecting an animal’s heat and movement with infrared sensors. Once detected, the system releases a sudden burst of water to scare the animal away. An adjustable sensitivity detector and random spray pattern prevent animals from growing accustomed to the sprinkler.

Spray Away Hydro-Remote SD-SA15
Avian Control®
A new, patent-pending, EPA-registered liquid bird repellent that will chase your birds away. The product is a replacement for Migrate and Fog Force. Avian Control® uses cutting edge technology to efficiently repel undesirable birds without harming the birds, humans or other animals (including household pets).

Avian Control is EPA-registered for use on numerous crops to prevent damage from foraging birds. The repellent is effective against many types of nuisance birds including geese, pigeons, starlings and grackles. All of the ingredients in Avian Control® are food grade.

Avian Control® can be either fogged or sprayed and is compatible with both types of equipment for ease of application. It is designed for effective use – less often, in less quantity and to better effect. In outdoor applications, Avian Control® has a life expectancy of up to two weeks, but the results last much longer because birds “learn” to avoid areas treated with Avian Control®. While non-lethal to birds, it acts as an irritant discouraging birds from amassing. The dual application methods (fogging or spraying) are ideal for airplane hangars, grassy fields, golf courses or large properties.

Avian Migrate™
A non-lethal liquid bird repellent that discourages geese and birds from congregating on golf courses, parks, athletic fields and around public buildings. Simply spray as directed – the effect is immediate and long lasting.

Avian Migrate contains a special colorant, visible only to birds, that lets them know that the area has been treated. This “teaches” unwanted geese and birds to stay away from treated areas in the future.

Avian Migrate™ irritates bird’s pain centers, creating an unpleasant sensation. Birds learn to avoid areas that have been treated and seek other locations. It does not harm grass, shrubs and other vegetation and is not easily rinsed away by rain or sprinklers.

Avian Fog Force TR
Avian Fog Force TR Bird Repellent is an EPA-registered bird repellent that is effective against all types of nuisance birds and is suitable for use around humans, pets and livestock. It’s a non-lethal automated time-release aerosol bird repellent that discourages birds from congregating in dairy barns, stables, stadiums, marinas, garages and storage buildings, pools and patios and outdoor dining facilities.

Avian Fog Force TR is non-toxic. Its active ingredient is found in nature and is also used extensively in food designed for human consumption. All Avian Fog Force TR ingredients are “Generally Regarded As Safe” (GRAS) by the US Food and Drug Administration (FDA) and are “Earth friendly.”

It irritates bird’s pain centers, creating an unpleasant sensation. Birds learn to avoid areas that have been treated and seek other locations.

Avian Migrate Bird Repellent, 1 gal. TD-AV30
Avian Migrate Bird Repellent, 2.5 gal. TD-AV25

Avian Fog Force TR Dispenser
Avian Fog Force TR is dosed from light sensing user programmable time-release dispenser cabinets containing disposable aerosol cans. Each dispenser cabinet releases an invisible, intermittent aerosol bird repellent mist on a user-selected programmable time-release basis. Spray mist dispenser cabinets can be placed strategically in areas where nuisance birds are a problem and without any additional labor.

Dispenser cabinets are powered by two “D” batteries that last up to six months.

Fog Force TR Dispenser TD-AV55

Avian Control Bird Repellent, 1 gal. TD-AV10
Avian Control Bird Repellent, 2.5 gal. TD-AV25

Talk to an Expert. We will help you succeed: 800-503-5444.
Visual Deterrents

The Intimidator for Woodpeckers

The Intimidator is a professional grade avian deterrent which uses motion and bright flashing to scare away woodpeckers and other birds from unwanted areas. Woodpeckers can cause serious damage to homes and other buildings.

Features:
- Four holographic sides on two separate spinning parts
- All metal components for longevity
- Outdoor grade holographic tape
- Glow-in-the-dark sides for low-light conditions
- Effective with minimal air movement
- Coverage from 10 – 40 ft.

Placement

Attach the Intimidator above the damage areas (typically along siding and trim boards). While on the ladder or roof and prior to installation, slowly rotate the product in the sunlight, noting the light refraction. It should reflect on or near the damaged areas. In some cases custom posts may be necessary.
- Breeze must cause erratic movement of the light beams
- Multiple Intimidators are necessary for larger infestations

For challenging applications consider using with Optical Gel for a powerful 1-2 punch. See page 24.

Intimidator (ea.) SD-FF20

Holographic Owl

University tested with positive results for bird control. The bright flash of the unique holographic /iridescent feather pattern, large eyes and movement deters the most persistent bird from destroying personal property. Simply hang the bird scare Guardian Owl in the problem areas. Made of durable plastic to withstand the outdoor elements. Each Guardian Owl measures 16” tall and 8” wide. It’s great for repelling birds from orchards, crops, gardens, boats, docks, barns and homes.

Holographic Owl SD-HG05
Swivel Bracket Kit SD-SW05

Scare-Eye Balloon

The bright colors, large eyes and hanging reflective streamers on this 2’ balloon are threatening to birds; they think they’re being watched by a predator. One/pkg.

Scare-Eye Yellow SD-SE10
Scare-Eye Black SD-SE20

Screech Owl

Non-moving plastic owls are ineffective, that’s why we developed this rotating, screeching owl. Four predator/scare sounds are programmed: birds in distress, predator attack cries and wing beats. The rotating base mounts easily to any flat surface, and spins in the wind. A photo cell activates the sounds during daylight hours only. One per package.

Screech Owl SD-OwL1
Rotating Owl SD-OwL2

Octopus

Scare eyes combined with long mylar streamers flash brilliantly in sunlight, signal danger to birds causing them to leave the immediate area. One per package.

Octopus SD-Oc10

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Fly Away High-Powered Laser - **For Outdoor Use Only**

Introducing a new, professional grade bird-repellent laser that costs way less than the other heavy-weights on the market. The Fly Away laser can be used to get birds out of trees and crops. It can also be used to chase birds from rooftops.

**Features and Benefits:**
- 30 mWatt output power green laser beam (532nm wavelength)
- Safe for both humans and birds
- Large beam creates a large spot on the surface (ground, trees, walls etc.) to assure targeted birds can't ignore it
- Effective range up to 1 mile
- Rugged all aluminum construction
- All external joints sealed to allow use outdoors even in light rain
- “Flashlight” style for ease of handling and light weight
- Powered by 2 “D” cell flashlight batteries – Lithium and rechargeable batteries OK
- Lockable carrying case and full usage instructions
- 1 year parts and labor warranty

Fly Away Laser     SD-AV15

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Fly Away Interior Laser 2™ - **Designed for Indoor Use**

It’s an established fact that lasers are effective at scaring birds. Now we have developed a laser that will allow you to chase birds inside buildings towards open doors, mist nets or traps without having to worry about operators accidentally pointing the lasers at highly reflective surfaces and possibly harming themselves or others.

The Fly Away 2™ is bright enough to scare birds from as far sway as 250 meters while remaining eye safe to operators and those who may accidentally have the laser pointed at them briefly.

**Features and Benefits:**
- Class 3A, 532nm wavelength green laser
- Birds do not learn to ignore it
- Safe for both humans and birds
- Large beam to assure targeted birds can’t overlook or ignore it
- Effective range up to 250 meters (indoors)
- Rugged all aluminum construction
- All external joints and on/off switch sealed to assure safe, reliable operation
- Flashlight style for ease of handling and light weight
- Powered by 2 “D” cell flashlight batteries – Lithium and rechargeable batteries OK
- Lockable carrying case
- 1 year parts and labor warranty
- 5 to 7 year expected life

Fly Away Interior Laser     SD-AV25

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**Visual Deterrents**

**Holographic Bird Repel Strips**

Each Repel Strip Kit includes 25’ of 2” wide highly reflective holographic / iridescent film and 5 easy to apply strip hangers. The 2” wide film flutters, flashes and crackles with the smallest breeze. Simply cut film to desired length, apply strip hanger and hang it up in the problem area to scare birds away. Great for repelling birds from orchards, crops, gardens, boats, docks, barns and homes.

Holographic Strips (2” x 25’)     SD-FT25

**Flash-Tape**

Mylar tape reflects sunlight, and creates a humming sound when tape is twisted in the breeze, signaling danger to birds in the area. Available in 1/2” x 300’ rolls. One roll per package.

Reflective Flash-Tape     SD-FT30
BAT CONE®

For best results with Bat Cone® Excluder, bend flanges slowly back and forth to prevent breakage.
- At dawn or dusk, which is the best time to conduct “batwatch,” observe points of entry/exit for bats in structure
- Incoming/outgoing bat activity will assist in determining number of cones needed for installation (see DVD for more detailed information). For large bat colonies, use multiple cones for best results
- Install cones at entry points, always at a downward angle...it is CRITICAL to seal all other entry/exit points before installing cones strategically to prevent bats from moving to other sections of structure
- After bats leave structure to feed and you are certain they are all outside the structure, remove remaining cones and seal all holes

A WORD OF CAUTION: Please note that removing bats during their birthing cycles can result in the offspring becoming trapped inside the structure. Please contact your state wildlife agency or state health department for information regarding bat birthing cycles in your region.

PRO-CONE® Round

Designed for multiple use and multiple wildlife species: Bats, red squirrels, flying squirrels, sparrows, starlings, rats and mice. Made from heavy duty plastic, built-in solid flange with mounting holes. Optional use with vinyl or wire flange. Works great on Spanish Tile roofs because of its shape.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bat Cone (6 pk.)</td>
<td>N8-BC</td>
</tr>
<tr>
<td>Bat Cone (ea.)</td>
<td>N8-BC05</td>
</tr>
<tr>
<td>Pro-cone Round (6 pk.)</td>
<td>N8-PC05</td>
</tr>
<tr>
<td>Pro-cone Round (ea.)</td>
<td>N8-PC20</td>
</tr>
<tr>
<td>Pro-cone Square (6 pk.)</td>
<td>N8-PC25</td>
</tr>
<tr>
<td>Pro-cone Square (ea.)</td>
<td>N8-PC30</td>
</tr>
</tbody>
</table>

PRO-CONE® Corner

Designed for multiple use and multiple wildlife species: Bats, red squirrels, flying squirrels, sparrows, starlings, rats and mice. Made from heavy duty plastic, built-in solid flange with mounting holes. Cone has pre-fixed angle, designed for installation at any angle. Does not work with flanges.

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Pro-cone Corner (6 pk.)</td>
<td>N8-PC05</td>
</tr>
<tr>
<td>Pro-cone Corner (ea.)</td>
<td>N8-PC10</td>
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</tbody>
</table>

All the Pro-cone models are designed to exclude sparrows, starlings, red squirrels, flying squirrels and small rodents in general pest control. They simply cannot get back inside. When the Pro-cone is used for birds, it should be pointed down.

PRO-CONE® Square

Designed for multiple use and multiple wildlife species: Bats, red squirrels, flying squirrels, sparrows, starlings, rats and mice. Made from heavy duty plastic, built-in solid flange with mounting holes. Offset square flange for installation in difficult areas. Optional use with vinyl or wire flange. Can be installed in corners of soffits. Square base allows you to “wedge” cone into place.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>Pro-cone Square (6 pk.)</td>
<td>N8-PC25</td>
</tr>
<tr>
<td>Pro-cone Square (ea.)</td>
<td>N8-PC30</td>
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</tbody>
</table>

Flanges

The flexible vinyl and wire mesh flange allow for installation on virtually any surface. The wire mesh flange is effective in the exclusion of red and flying squirrels, rats and mice.

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Flexible Vinyl Flange (12 pk.)</td>
<td>N8-PCS0</td>
</tr>
<tr>
<td>Wire Mesh Flange (12 pk.)</td>
<td>N8-PCSS</td>
</tr>
</tbody>
</table>

Bat Cone (6 pk.) N8-BC
Bat Cone (ea.) N8-BC05
Pro-cone Round (6 pk.) N8-PC05
Pro-cone Round (ea.) N8-PC20
Pro-cone Square (6 pk.) N8-PC25
Pro-cone Square (ea.) N8-PC30
Flexible Vinyl Flange (12 pk.) N8-PCS0
Wire Mesh Flange (12 pk.) N8-PCSS

A WORD OF CAUTION: Please note that removing bats during their birthing cycles can result in the offspring becoming trapped inside the structure. Please contact your state wildlife agency or state health department for information regarding bat birthing cycles in your region.
**Squirrel Cone – One Way Doors**

Use Squirrel Pro-Cones in any location at any angle: Attic vents, above gutters, corners of dormers or anywhere squirrels may enter a structure. Get them out fast!

For added protection use Rat-Out Gel around squirrel repair sites (see pg. 59).

**How to use:**
- Determine squirrel activity by locating entry and exit point(s) on structure.
- Install cone(s) over hole(s). Please note – Squirrel cone(s) can be installed at any angle.
- It is imperative to “squirrel proof” all inactive areas of structure before installing cone(s) to prevent squirrels from relocating to other areas such as: Attic vents, louvers, corners of dormers and soffit areas etc. We suggest using metal flashing and/or ¼ inch wire mesh (hardware cloth) (page 14) to help prevent possible re-infestation.
- We recommend leaving squirrel cone(s) in place for a minimum of three to five days to insure that squirrels are out.
- When you are certain that squirrels are gone, remove squirrel cone(s) and seal hole(s) with metal flashing and trim trees around structure to help prevent further re-infestation.

**CAUTION**
- DO NOT remove squirrels during their birthing cycles. This will result in offspring becoming trapped inside.
- Failure to follow these directions, will force the female squirrel to chew her way back in to reach her young.
- Please consult your State Wildlife Agency for information regarding squirrel birthing cycles in your area.

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**Pur Black Foam**

This foam was developed especially for outdoor use. It’s a must for nuisance control professionals doing exclusion work on structures. It stops pests from entering buildings. It’s black color blends into the surrounding environment and it never looks dirty. 32 oz. can: 1/2” bead = 1,200 linear feet)

Pur Black, 32 oz. TF-PUR1

**Pur-Fill Gun Cleaner**

Maintain your gun with a screw on Pur-Fill Gun Cleaner.

Pur-Fill, 20 oz. TF-GCP1

**Pageris Foam Gun**

This state-of-the-art stainless steel and poly foam gun gives you professional control of foam flow and placement. It’s a real time-saver for exclusion work and to fill cracks and holes found during your property site inspections.

Pageris Foam Gun, 12” TF-PFG1
Pageris Long Foam Gun 24” TF-PLG1

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**Squirrel Cones**

- Use on any angle
- No door to jam
- No moving parts to break
- Standard 14 Gauge model
- Heavy Duty 12 Gauge model

Grease Squirrel Heavy Duty Short (7 x 3.5 in.) N8-SC05
Grease Squirrel Heavy Duty Long (12 x 3.5 in.) N8-SC10
Grease Squirrel Standard Short (7 x 3.5 in.) N8-SC15
Grease Squirrel Standard Long (12 x 3.5 in.) N8-SC20
Red & Flying Squirrel Heavy Duty Short (7 x 2 in.) N8-SC25
Red & Flying Squirrel Heavy Duty Long (12 x 2 in.) N8-SC30
Red & Flying Squirrel Standard Short (7 x 2 in.) N8-SC35
Red & Flying Squirrel Standard Long (12 x 2 in.) N8-SC40

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**Copper Mesh Stuffing**

This fine copper mesh is ideal for stuffing into small access areas to exclude birds or bats. For a more secure hold squirt some Bird Barrier Bond into the hole, making sure to connect the mesh to the surrounding surface.

Mesh Stuffing (per roll) N8-CM
Cleaning Solutions

It’s important to properly clean a site before installing bird control products. Follow these steps to insure that cleanup is done properly.

1. Moisten, Loosen Debris
Dried bird droppings will become airborne when disturbed (cleaned). It is important that they are whetted down to eliminate this risk. Wetting with a bactericide will kill the bacteria at the same time. With heavy accumulation it is necessary to wet down repeatedly.

2. Scoop, Collect
It’s unlikely that large volumes of waste can simply be washed away; they need to be scooped up and removed in bags, and disposed of properly. Contact your local waste facility about the disposal of bird droppings.

3. Wash
Once the majority of the waste is removed, the building surface can be washed with water, detergent and scrub brushes; or pressure washed. Use the Dissolve-It again, it’s a live enzyme that softens even the most stubborn waste.

4. Sanitize
With all the waste now removed, and the building looking clean, it is recommended to finish the job properly by applying a bactericide that will sanitize the surfaces and leave a clean smell.

5. Clean Around the Site
The building is clean, but the sidewalk’s a mess. Finish the job properly.

Dissolve-It™

Dissolve-It breaks down bird droppings and eliminates odors. It allows for easy removal of stubborn, caked-on droppings. Simply mix Dissolve-It in a 1:1 ratio with water, saturate the target area and let the solution work for at least fifteen minutes. Solution can be applied with a hand sprayer. The residue will easily spray away with hose or power sprayer. Non-toxic, non-flammable and biodegradable, plus it is USDA accepted, environmentally safe. It can be poured over piles of bird droppings, as well as into drains, trash cans, sewers and grease traps. Use at 1:1 spray mixture with water.

Mix 1:1 – 1 Gallon makes 2 gallons

| Dissolve-It (1 gal.) | CL-3000 |
| Dissolve-It (5 gal.) | CL-3005 |

Dirty Bird

Use Dirty Bird on any washable surface exposed to bird droppings, like roofs, gutters, ledges, awnings, chairs etc. It has been adapted to quickly break down and provide rapid organic waste removal including bird droppings. Dirty Bird can be used at 100%, but should be diluted.

Mix 1:4 – 1 Gallon makes 5 gallons

| Dirty Bird (1 qt.) | CL-7000 |
| Dirty Bird (5 gal.) | CL-7005 |

ProBlend EVO (Microbial Bird Dropping Cleaner)

is designed to replace ordinary cleaners with a safe, concentrated formulation that is safe for any surface that will not be harmed by a water based cleaner. DILUTION: EVO may be diluted with water 5-10 parts water to 1 part EVO depending on amount of soiling. APPLICATION: Use any power washer or hand sprayer. Spray on surface to be cleaned and allow soak time. Fully wet and loosen material. If droppings are not immediately removed when rinsed, a second application and soak cycle may be necessary. Note: If area is sanitized following removal microbial activity may be impaired. Mix 1:5 – 1 Gallon makes 6 gallons

| ProBlend EVO (1 gal.) | CL-5000 |

Repellent Gel Remover/Oil-Flo

This product effectively dissolves the polybutene commonly found in bird gels. After dissolved you are left with an easy cleanup. It is water soluble and will not damage most surfaces (with the exception of tar-based roofing materials). Instructions for use included.

| Repellent Gel Remover (1 gal.) | CL-1000 |
| Repellent Gel Remover (5 gal.) | CL-1010 |

Find labels and SDS at www.birdbarrier.com
Cimi-Shield, the remarkable green bed bug killer is now available in quart and gallon Ready-to-Use containers.

Cimi-Shield
Cimi-Shield is offered in two formulations each with 12-month residual:
• Knock-Out for active infestations
• Protect to prevent infestations
One finished gallon protects 1,200 to 1,500 sq. ft. of fabric surface.

<table>
<thead>
<tr>
<th>Concentrate</th>
<th>Ready-to-Use</th>
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</thead>
<tbody>
<tr>
<td>Knock-Out (6 oz.)</td>
<td>Knock-Out, 1 qt.</td>
</tr>
<tr>
<td>Protect (6 oz.)</td>
<td>Knock-Out, 1 gal.</td>
</tr>
<tr>
<td>PC-BB10</td>
<td>PC-BB12</td>
</tr>
<tr>
<td>PC-BB20</td>
<td>PC-BB14</td>
</tr>
<tr>
<td>PC-BB22</td>
<td>PC-BB24</td>
</tr>
</tbody>
</table>

1 Gallon Sprayer PC-BB50

Kills bed bugs on contact
Non-toxic; won’t harm the environment
Derived from soybean oil
Removes bed bugs’ waxy outer layer
Has zero odor
Will not stain
Easily applies with a pump sprayer
Sold as a concentrate, mix with distilled water
Meets FIFRA 25(b) Guidelines to be “Generally Regarded As Safe”
Delivers 12 months of residual protection on textile surfaces
Rat-Out® Gel

**Effective against Rats, mice, squirrels, possums, raccoons & more.**

Rat-Out Gel is an instant OFF switch for rodent activity.
- **Dual Action** – Garlic Oil and White Pepper repel rodents and most wildlife invaders
- Not harmful, doesn’t burn
- **Stop rodents NOW**; give your clients immediate relief (and reduce call backs)
- **FIFRA 25(b) EPA Exempt**; satisfy your clients’ green requirements
- **Enhance exclusion programs** – Buy time while waiting for repairs
- **Improve trapping programs** – Move the rodents to control zones away from your clients customers.
- Clear gel – no mess, cleans up easily with soap and water
- Will not melt, evaporate or freeze

Three 1 oz. Tubes  PC-R030

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Border Control®

Border Control is a thin, paper-backed glue board that comes in a 60-foot roll. It is easy to carry, simple to deploy, and can fence off crawling insects or mice quickly and easily. Border Control can be cut to fit almost any situation.

**Border Control**
- **Corral work zones.** Keep small rodents or insects from crawling away and infesting other areas.
- **Monitor any area** and quickly see where the trouble spots are.
- **Protect sensitive product.** Encircle pallets or shelves, and then see what tries to enter, or exit.
- **Slide Border Control** under pallets, or inside the fork-slots; tape to a thin sheet of plywood or paneling.

6 in. x 60 ft. Roll  PC-BP01
12 in. x 60 ft. Roll  PC-BP05
Longer, Stronger, Stiffer, Lighter & More Durable

- Made of lightweight aluminum
- Low-profile couplers slide easily through the hands
- A quarter turn locks or unlocks each section
- Twist lock cams allow the pole to be locked at any length
- Rolled tube edges
- Anodized finish
- Universal sized screw adapter

<table>
<thead>
<tr>
<th>Extended Length</th>
<th>Closed Length</th>
<th># of Sections</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 ft.</td>
<td>31 in.</td>
<td>2</td>
<td>N8-TP01</td>
</tr>
<tr>
<td>18 ft.</td>
<td>60 in.</td>
<td>4</td>
<td>N8-TP05</td>
</tr>
<tr>
<td>24 ft.</td>
<td>83 in.</td>
<td>4</td>
<td>N8-TP10</td>
</tr>
</tbody>
</table>

« Fits in ANY vehicle

The Internal Cam-Lock System is fast and easy to lock and unlock, just twist the sections in opposite directions for a firm lock down.
BROADCASTING LIVE
Modern Training Helping Our Partners
Execute Sales & Field Skills

BROADCASTING CLASSES ON:
· Custom Designed Training Courses
· Bird Control Sales Techniques
· StealthNet
· Optical Gel
· Bird-Shock
· and many more

To organize your own broadcast or to simply join a future class, please visit birdbarrier.com/bird-control-training