

Nixalite® Deer Blocker Deer Fencing

Includes specifications for: Deer Blocker Fence Hardware components

Nixalite of America Inc offers the Deer Blocker Deer Fence to protect sensitive areas from trespassing deer. Over development of prime deer habitat have pushed wild deer into more developed surroundings. This has led to unexpected and not always welcome deer vs. human conflicts. A Deer Blocker Deer Fence enclosure provides a full 8 foot (2.4 m) high, continuous barrier that keeps deer out humanely – no chemicals or electricity are used. Use Deer Blocker Deer Fence to keep deer away from; landscaping, lawns, flowers, orchards, vineyards, ball fields, busy roads, livestock pens, security zones and more.

Deer Blocker Deer Fence is made of a lightweight, yet durable HDPE (high density polyethylene) material. The 2.5” square mesh is nearly invisible and has very little wind loading. It is less expensive and less conspicuous than any metal or wood fence. Nixalite offers the installation hardware and accessories needed to complete the Deer Blocker Deer Fence installation. The following outline is presented in a **modular format** making it simple to include or exclude any combination of the Deer Blocker Deer Fence system as needed for each project and or enclosure.

List Nixalite Deer Blocker Deer Fencing 3-part specifications in the following locations;

Master Format 1995 – Division 10290 – Bird & Pest Control

Master Format 1995 – Division 02825 – Fences, Gates & Hardware

Master Format 2004 – 10 81 00 - Pest Control Devices

Master Format 2004 – 32 31 00 – Fences & Gates

PART 1 - GENERAL

1.1 - SYSTEM DESCRIPTION:

- A. Deer Blocker Deer Fence System:** individual Deer Blocker fence and hardware components that when properly matched together, create a humane and discreet barrier designed to keep deer out of specific areas.
- B. Deer Blocker Deer Fence:** Full 8 foot (2.4 m) high fence with 2-1/2” (6.35 cm) square mesh, all made from UV resistant High Density Polyethylene (HDPE). Available in 100 foot (30.5 m) and 300 foot (91.5 m) long, seamless sections. Each section has a 5/8” (1.6 cm) HD border woven into all four sides and eliminates the need for additional top or bottom support hardware. Lighter and less expensive alternative to metal and wood fencing.
- C. EZ-Set Angle Posts:** 2 piece steel angle iron posts that assembles to provide an 8 foot (2.4 m) high steel post to which the Deer Blocker Deer Fence can be fastened. The 4 foot (1.2 m) ground post is driven into the ground 2 feet (0.6 m). The 8 foot (2.4 m) top post is bolted to the ground post. Space between 10 to 20 feet maximum (3 to 6 m maximum) along the path of the fence. Ideal spacing is 10 feet (3 meters). Fasten the Deer Blocker Deer Fencing to the posts with the Net Ties every 12 inches (30.5 cm) or less along the height of the post.

- D. Premium Steel Posts:** 9 foot (2.7 m) long, 1-5/8” round steel tube post with rain cap and Ground Sleeve. The Ground Sleeve is driven into the ground with the Ground Sleeve Driver until the top of the sleeve is flush with the grade. The post is set into the sleeve, creating an 8 foot (2.4 m) high post to which the Deer Blocker Deer Fence can be fastened. Space between 10 to 20 feet maximum (3 to 6 m maximum) along the path of the fence. Ideal spacing is 10 feet (3 meters). Fasten the Deer Blocker Deer Fencing to the posts with the Net Ties every 12 inches (30.5 cm) or less along the height of the post.
- E. Ground Stakes:** installed every 3 feet (about 1 meter apart) along the bottom edge of the fence. Keeps deer from nosing under the installed fence.
- F. Ground Anchor:** Long screw style earth anchor used to reinforce fence posts.
- G. Post Driver:** HD steel slide post driver. Quickly sets the EZ-Set angle posts. Protects the post and your fingers.
- H. Ground Sleeve Driver:** HD steel plug that fits into the open end of the Ground Sleeve. Allows use of sledge hammer without damaging the edges of the Ground Sleeve.
- I. Net Ties:** HD Mil Spec poly based zip ties used to fasten the fence to both types of Deer Fence Posts and to anything else that will help support the Deer Blocker Deer Fence.
- J. Repeller Ribbon:** Vital flagging material for the first few weeks of the Deer Blocker installation. All new fence installations REQUIRE flagging for the first weeks or months. 4 feet (1.2 m) up from the ground, fasten individual 2 foot (61 cm) long strips every 10 feet (3 m) along the length of the Deer Blocker Deer Fence. P

1.2 - QUALITY ASSURANCE

- A.** Installer must obtain, review and understand all available Deer Blocker Deer Fence product brochures and installation guidelines. Contact a Nixalite technical representative to discuss installation procedures and requirements before installation.
- B.** Installer must be completely familiar with the proper installation procedures for the Deer Blocker Deer Fence products specified.
- C.** Installer must be completely familiar with the specified method of installing the specified Deer Blocker fence posts.
- D.** Installer to have a working knowledge of fence installation, be able to perform simple mechanical procedures and be able to improvise and/or adapt the Deer Blocker Deer Fence system (if needed) to meet the conditions of the installation.
- E.** All parts used for this bird control system must be Deer Blocker Deer Fence components. No substitutions are allowed.

1.3 - SUBMITTALS

- A.** Deer Blocker Deer Fence System literature including: Deer Blocker Deer Fence product brochure and Installation Guidelines.
- B.** Sample of Deer Blocker Deer Fence - not less than 6” x 8” (15.2 cm X 20.3 cm).
- C.** The installer must provide an outline of Deer Blocker Deer Fence installation procedures. Outline to be tailored to suit the parameters of each location. Outline subject to approval by architect (if necessary).
- D.** Installer to provide list of Deer Blocker Deer Fence System components used to complete the installation. Each list is to be tailored to the requirement of each area to be enclosed. For multiple areas, each area to have its own lists of Deer Blocker Deer Fence System components.

1.4 – STORAGE & HANDLING

- A. Provide storage to keep all Deer Blocker Deer Fencing boxes dry, clean and undamaged. Do not stack or place other packaging or objects on the Deer Blocker shipping boxes.
- B. Keep the Deer Blocker Deer Fencing in original packaging until needed for installation.

PART 2 - PRODUCTS

2.1 – ACCEPTABLE MANUFACTURER

A. Nixalite of America Inc

1025 16th Avenue, PO Box 727, Dept. AD, East Moline, Illinois 61244; U.S.A.

Ph: 800.624.1189 or 309.755.8771 - Fax: 800.624.1196 or 309.755.0077

E-mail: birdcontrol@nixalite.com or planning@nixalite.com

Web: www.nixalite.com.

B. ABC Advanced Bird Control – A division of Nixalite of America Inc

PO Box 727, Dept. AD, East Moline, Illinois 61244, U.S.A.

Ph: 888.212.8682 or 309.755.4708 – Fax: 309.755.1865

E-mail: info@abcbirdcontrol.com

Web: www.abcbirdcontrol.com.

2.2 – DEER BLOCKER DEER FENCING SYSTEM

A. Deer Blocker Deer Fence:

Each seamless section of Deer Blocker Deer Fence is made from UV stabilized, black high density polyethylene (HDPE). The individual strands are 36 ply with a 175 pound (79.4 kg) knotted breaking strength. All Deer Blocker Deer Fence sections have a HD 5/8" (1.6 cm) thick border woven into all four sides of the fence.

Height: 8 feet (2.4 m)

Lengths: 100 and 300 foot (30.5 and 91.4 m) sections

Mesh Size: 2-1/2" (6.35 cm) square mesh

Mesh Strength: 175 pound (79.4 kg) knotted breaking strength

Visibility: The large square mesh and relatively small strand diameter makes Deer Blocker discreet

Economy: Deer Blocker is an less expensive alternative to metal and wood fences of the same size.

B. EZ-Set Post Kits

AP8/Top Posts: 1-1/4" x 1-1/4" x 8ft (3.2 x 3.2 x 244 cm) long steel angle, black coated with 5/16" holes every 2" (0.8 x 5 cm) center to center

AP4/Ground Posts: 1-1/4" x 1-1/4" x 4ft (3.2 x 3.2 x 122 cm) long steel angle, black coated with 5/16" holes 2" (0.8 x 5 cm) center to center. Fastening hardware included with Ground Post (2 bolts, nuts & washers)

C. Premium Post Kits

Premium Post: 9ft long x 1-5/8" OD (2.7 m long X 4.13 cm OD) steel post, black painted with cap

Ground Sleeve: 30" (76.2 cm) long galvanized steel ground post with 1-5/8" ID (4.13 cm).

D. **Ground Stake:** 12" (30.5 cm) long galvanized steel ground stakes hold fencing to ground.

E. **Ground Anchor:** HD steel screw-in ground anchor used to reinforce corner posts (requires additional cable hardware items).

F. **Ground Sleeve Driver:** HD steel plug that fits into the open end of the Ground Sleeves. Allows use of sledge hammer without damaging the Ground Sleeve.

- G. **Post Driver:** HD steel slide post driver. Quickly drives the EZ-Set Ground Post into the ground. Protects the post and your fingers.
- H. **Net Tie 7.5:** 7-1/2" (19 cm) long UV resistant cable ties to fasten fencing to posts and objects.
- I. **Post Driver:** HD post driver to drive EZ-Set Ground posts into the ground.
- J. **Repeller Ribbon:** Available in 25 foot (7.6 m) and 100 foot (30.5 m) long rolls. Vital flagging material for the first few weeks or months of the Deer Blocker installation. All new fence installations REQUIRE flagging for the first weeks or months.

PART 3 - EXECUTION

3.1 - INSPECTION

- A. Visually inspect the areas to receive the Deer Blocker Deer Fencing System. Remove any loose debris and moveable objects out of the path of the Deer Blocker System.
- B. Inspect and note the makeup of the ground. Avoid hard rock outcrops, gravel or other materials that will not readily accept the Deer Blocker Deer Fence posts or ground sleeves. You may have to move post locations to accommodate these conditions.
- C. Notify architect of detrimental conditions. Do not proceed until these conditions have been corrected.

3.2 - PREPARATION

- A. Verify the running length of the deer fencing path. Use the Deer Blocker Deer Fence brochures and Installation Guidelines to make sure you have sufficient quantity of Deer Blocker components to effectively install and enclose the specified areas.
- B. Verify the position/location of any trees, posts and structures that can be used for additional support along the proposed path of the Deer Blocker Deer Fence enclosure. The use of existing objects can help reduce the number of Deer Blocker Deer Fence Posts required.
- C. Level out small depressions and rises along the path of the Deer Blocker Deer Fence enclosure. Smoothing out the grade can help stop deer from getting under the installed fence after installation. If spanning large depressions or holes, use additional Deer Blocker Deer Fence or other blocking in the depression to keep deer from getting under or around the Deer Blocker enclosure.

3.3 - INSTALLATION

- A. Install the Deer Blocker Deer Fencing system as specified or shown on the project plans.
- B. The Deer Blocker Deer Fence must be supported every 10 to 20 feet (3 to 6 meters) along the pre-determined path of the enclosure. Do not exceed 20 feet (6 meters) between supports or fence posts. 10 feet (3 meters) is ideal spacing. Along with the Deer Blocker fence posts, you can use any natural or existing supports available (trees, poles, posts, buildings, etc.).
- C. If using the Deer Blocker EZ-Set Angle Posts, follow the instructions provided by the manufacturer for installing these posts at the specified spacing. Fasten the Deer Blocker Deer Fence to the posts every 12 inches (30.4 cm) starting at the very top of the posts.
- D. If using the Deer Blocker Premium Posts, follow the instructions provided by the manufacturer for installing these posts at the specified spacing. Fasten the Deer Blocker Deer Fence to the posts every 12 inches (30.4 cm) starting at the very top of the posts.

- E. If using an existing tree, pole or structure, fasten the Deer Blocker Deer Fence to the object every 12 inches (30.4 cm) starting at the very top of the installed fence.
- F. Best installed height for the Deer Blocker Deer Fence is 7.5 feet (2.3 m) with the bottom 6 inches (15.2 cm) laid-out on the ground and Ground Staked in place (on the outside of the enclosure) to keep deer from ‘nosing under’ or slipping under the installed fencing.
- G. Stake the bottom border of the Deer Blocker Deer Fence to the ground every 3 to 4 feet (1 meter) along the entire length of the enclosure. This prevents deer from nosing under the fence.
- H. **FLAGGING IS A VITAL STEP AND MUST BE DONE FOR EACH INSTALLATION.**
For at least the first 3 months of the installation, attach 2 foot (60 cm) long strips of the Repeller Ribbon (holographic Mylar ribbon markers) to the fencing. Space them every 10 feet (3 meters) along the path of the fence, 4 feet (1.2 meters) up from the ground. This is a temporary measure that helps prevent deer to fence collisions that might occur with the sudden appearance of the Deer Blocker Deer Fence barrier. The 2-1/2” (6.35 cm) square mesh is very inconspicuous – especially at night. Flagging with the ribbon helps define the extent of the enclosure.

3.4 – ADJUSTMENTS / CLEANING

- A. The Deer Blocker Deer Fence System is an active deer barrier and area enclosure. It will require regularly scheduled inspections and if needed, maintenance to repair any damages.
- B. A regularly scheduled inspection of the installed Deer Blocker Deer Fence system is highly recommended. The installed fence can be damaged or degraded by falling trees and tree limbs, windblown debris, brush fires, vandalism, etc. Remove all debris and obstructions and repair any damage done the the enclosure.

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