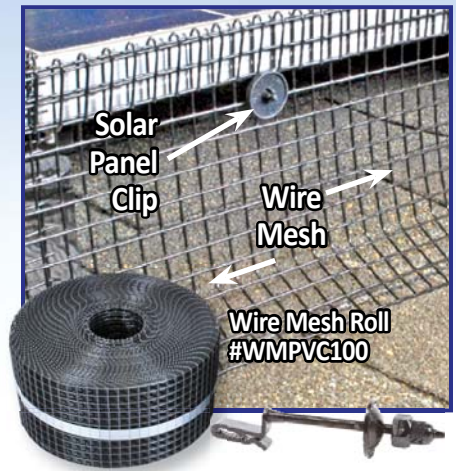


# Solar Panel Exclusion Kit

A no-drill, no glue, clip-on wildlife exclusion kit that stops pest birds and nuisance animals from damaging your roof mounted solar panels and solar arrays.

A versatile exclusion system that uses a UV resistant polymer based Solar Panel Clip and a black PVC coated welded wire mesh to keep birds, animals and debris from getting behind your rooftop solar panels and solar arrays. What makes this

kit so unique is that it clamps to the panels, there is no drilling, welding or gluing. Properly installed, the kit is discreet and proven effective. For more details read the *General Installation Guide* below or contact Nixalite®.



## Solar Panel Exclusion Kit General Installation Guide

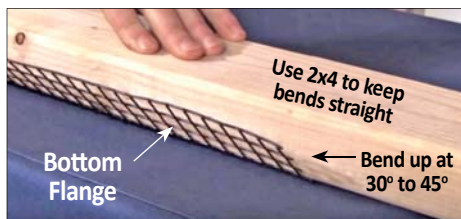
Most rooftop, flush-mounted solar arrays have a 2" to 4" gap under the solar panels for air circulation. This kit is designed to span this gap and seal it off from pests and debris. If the gap is greater than 4", contact Nixalite. You may need a wider roll of mesh.

**The Solar Panel Clips** have 3 parts; the Clip with serrated post, washer and lock nut. These are designed to fit over the flanges found under the outside edges of most solar panels. The clip grips the flange while the lock washer holds the mesh in place.



### Step 1. Pre-Cutting Straight Runs

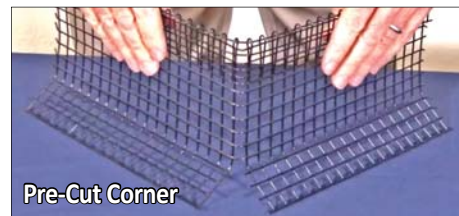
Using snips, cut the mesh into 5 foot sections, straighten them out so they lay flat. Along one long edge, bend the last 3 rows of mesh up 30° to 45° to make the Bottom Flange. Use a 2x4 to help keep the bend straight.



If the mesh ends up too tall, trim the excess or bend it back on itself so it does not stick out over the top of the solar panels.

### Step 2. Pre-Cutting Inside/Outside Corners

For each corner, cut the mesh into 2 foot sections, straighten them out so they lay flat. Along one long edge, bend the last 3 rows of mesh up 30° to 45° degrees to make the bottom flange. In the middle, cut the bottom flange wires and bend the piece 90° to match the corner it will cover.



### Step 3. Install the Corners First

Place the pre-cut corner mesh in place and form it so it fits well. Slide 2 solar panel clips in from behind the mesh, spacing them about 6" from either side of the corner. Position so the post comes through just below the solar panel frame. Push the washer and lock nut over the post until it sits against the wire mesh.



### Step 4. Install the straight sections

Install solar panel clips every 18" (or less) around the entire perimeter of the array. Install the straight sections of mesh over the installed clip posts.



Pull the mesh upward so the clip posts point slightly upward. This puts tension in the mesh that helps hold it down to the roof. Make sure that each section overlaps the bordering section by at least 3 inches. Push the washer and lock nut over the post, but not all the way. Form the wire mesh so it fits the area well, then lock the mesh in place with the washer and nut. Trim off any excess wire or clip posts. Make sure that there are no gaps larger than the 1/2" mesh. Seal off gaps by zip tying pieces of mesh over them.

These guidelines for installation are intended to be general in nature. Your application may be different and require some modifications or on-site ingenuity. If you have any questions, please contact Nixalite® for answers. As always, measure twice, order once.

If you have any questions or need more information, please contact Nixalite® of America Inc. We are at your service.



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

P: 800.624.1189 or 309.755.8771  
F: 800.624.1196 or 309.755.0077  
E: [birdcontrol@nixalite.com](mailto:birdcontrol@nixalite.com)  
[www.nixalite.com](http://www.nixalite.com)