

## ***Zip Tie Domes – How to Attach Chicken Wire***

Due to the weight and high shipping cost for Chicken wire, we have not included it in your Geodesic Dome package.

Chicken wire can be purchased at any Building/Hardware store, or your Farmer's Co-op.

The amount of Chicken Wire for each dome is:

**The 16' Dome requires a 4' by 150' roll of chicken wire.**

The 16' dome is 16' wide, 8' tall, with 205 square feet of floor space for 50-100 chickens.

**The 13' Dome requires a 3' by 150' roll of chicken wire.**

The 13' dome is 13' wide, 6.5' tall, with 131 square feet of floor space for 35-65 chickens.

**The 10' Dome requires a 3' by 100' roll of chicken wire.**

The 10' dome is 10' wide, 5' tall, with 91 square feet of floor space for 20-45 chickens.

### **Note:**

Before you attach the Chicken wire, be sure to build the door first, so that the Chicken wire can be attached later to the door to let the door swing freely.

### **Also:**

You will need wire cutters or snips to cut the chicken wire.

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## Step 1.

Open the door of the dome so that you can start attaching the chicken wire to the other side of the door entrance (and not to the door itself – the door will be covered later).



Unroll some of the chicken wire, and attach the wire to the struts along the edge of the door opening using the smaller 50 lb zip ties.

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The wire should be attached as a “skirt” to the dome, with one edge of the wire overlapping the bottom hubs. The wire needs to overlap the bottom hubs, and be tucked under the bottom hubs and drawn tight to work correctly. This will allow the wire to overlap and lay at least one inch on the ground. If you don't secure the wire slightly below the bottom hubs, you will have a loose gap that will let smaller animals go under the bottom struts on the dome.



Use at least 4 Zip Ties on each strut to secure the wire to the struts.



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### Step 2.

Unroll the wire on the ground, and attach it in a circle that overlaps the door.





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### Step 3.

Since you are applying a mostly flat netting to the rounded dome surface, you will have loose areas of netting that need to be tightened.



To tighten the chicken wire, overlap it and secure by threading a zip tie through the overlapped layers of mesh, and then tighten the zip tie.

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### Step 4.

Run 2 parallel sections of chicken wire over the top of the dome.



Cover the remaining openings with large sections of chicken wire.

Attaching the chicken wire will take 3 man-hours or more. It is better to have several people helping you if possible. However, once it is complete, you will have a movable chicken coop that will not rot or rust.

To provide shade for your chickens, a small tarp can be laid over the dome and attached to the chicken wire with zip ties.

If you have any questions, please call us at (931) 858-6892.