



How to make a Hail Pad



You will need to start with
four main materials



Styrofoam



You will want 12" x 12" blocks of Styrofoam one inch thick. These can be obtained from either a local crafts store or a floral supply store in your area.

Aluminum Foil



You will need “Extra Heavy Duty” Aluminum Foil that is 18 inches wide. This may be hard to obtain, but some hardware stores do carry it. “Extra Heavy Duty”, is preferred, but “Heavy Duty” will do as a last resort.

Tape



Packaging tape will work just fine

. . . and volunteers !



Hail pad “parties” are great community service events for scouts, schools, clubs and other groups.

Additional Materials

The following materials will aid you in your hail pad production and the storing of your finished product . . .



Brown paper inserts



For those of you who are producing multiple hail pads you will want to make sure you have paper inserts to put between the stored pads. These inserts are ideal to protect your finished pads from dents and scratches

Storage boxes



30"x13"x13" boxes are ideal to store your hail pads in. They hold 28 pads. You can find them at most office supply stores.

and don't forget to
feed your volunteers!



Studies now show that a pizza or sub sandwich can increase production as much as 20-30%. Well fed volunteers are happy volunteers!

Producing a hail pad



- Cutting
- Folding
- Taping



Cutting the foil

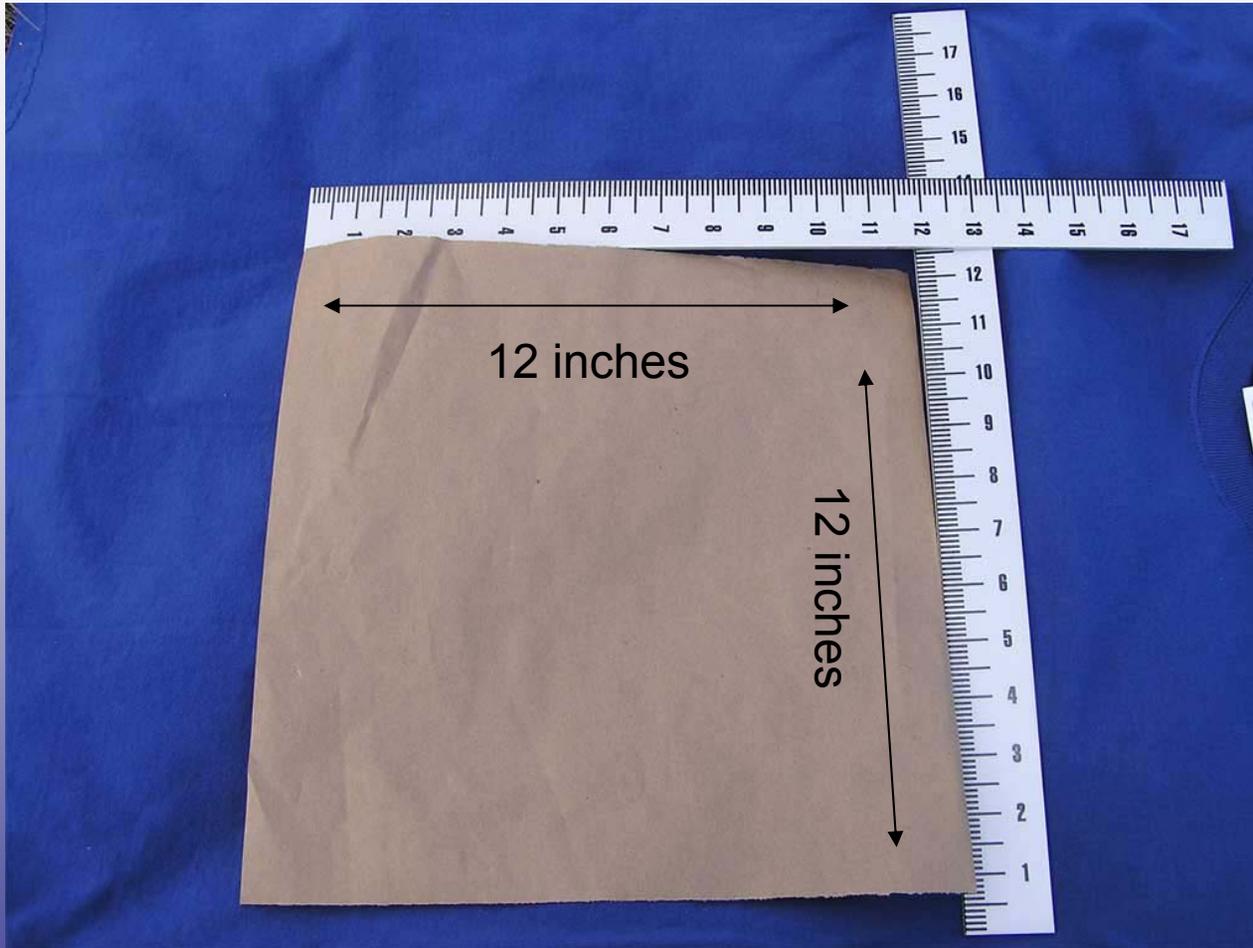


Cut your foil into 18" x 18" squares. This can be done with a sharp edged ruler.



Be sure to keep the foil smooth and wrinkle free!

Cutting the brown paper inserts



You will want to cut your box inserts into 12" x 12" squares

We are now ready to assemble our pads



A smooth soft surface



Place your sheet of foil on a smooth soft surface such as a t-shirt or cloth.

Make sure that the shiny side is face up!
(you will want the dull side on the outside face of the pad)

Placement of the foam



Place the foam square at the center of the aluminum foil

Folding



It's almost like wrapping a present



Fold both sides up making sharp creases.



Carefully begin folding the corners.

Almost there!



Carefully crease the corners.



Now fold over the end of the package.

Fold both edges



Make a sharp crease on the edge and then do the same for the other end of the pad.



Taping

The final touch



Tape the two outside edges of your pad. You may wish to tape all four.

Volia! You have made a hail pad!



Into the box



Place your finished hail pads in a box with paper inserted between each pad.

And that's all that's to it!



Be sure to include a hail report card with each pad

Pick up/Drop off points



Once you have made your hail pads, you may wish to organize local pick up/drop points in your community.

What to do with your pads once you've had a hailstorm

Once you've put out your hail pad and have reported hail you will want to turn your pad in for analysis.

If there is a specific drop off point in your area, drop the pad off there. If there is not, then mail your pad to:

CoCoRaHS Hail Pad Analysis Center
Colorado State University
1371 Campus Delivery
Fort Collins, CO 80523

**You are now
ready for your
next hailstorm!**



Because every drop counts!

Thanks from
your friends at
CoCoRaHS

