

## “Snap Clamps” Make It Easy To Attach Tarps, Netting To PVC Pipe

You'll like these handy new “snap clamps” that make it easy to attach tarps, shade cloth, bird netting, etc., to lengths of standard PVC or poly pipe.

The clamps can be used to construct temporary greenhouses or to put up shade for livestock. You can even use them to make a screened-in shelter for your back yard.

The plastic clamps are available in three different diameters to fit pipes ranging from 1/2 to 1 in. in diameter. The clamps simply “snap” onto the pipe, holding the material in place.

“They work great for attaching shade cloth, bird netting, or clear plastic to make row covers, greenhouses and cold frames,” says Josh Ramey. “People tell us all the time about new uses they’ve found for these clamps.”

A 4-in. long, 3/4-in. dia. clamp designed to fit 1/2-in. dia. pipe sells for 39 cents and is sold in quantities of 100 per box. Clamps are available in 4-in. lengths, and also 4-ft. lengths.

The company also makes “snap fittings” that are designed for building pipe structures such as greenhouses, furniture, cold frames, safety shields, shelving, etc. Two different models are available – one a 3-way and the other a 4-way. “They really work good for connecting pipes together at corners,” says Ramey. “You can often find ‘L’ and ‘T’ fittings at your local hardware store, but not 3 and 4-ways.”

Three-way snap fittings are available in five sizes and four-way fittings are available in three sizes. A 1/2-in. 3-way designed for 1/2-in. dia. pipe sells for 96 cents apiece and is sold in boxes of 25.

Contact: FARM SHOW Followup, Circo Innovations, 14910 Meadow Dr., Grass Valley, Calif. 95945 (ph 530 272-3307; fax 1395; E-mail: circo@jps.net; Website: www.snapclamp.com).



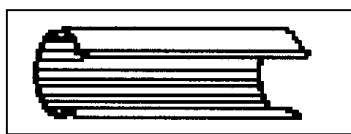
Plastic clamps can be used to construct greenhouses or screened-in shelters for your back yard.



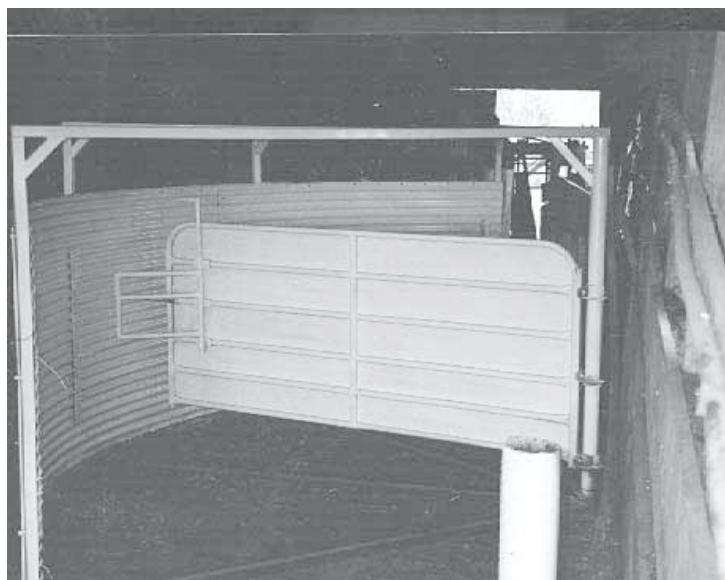
They work great for using clear plastic to make row covers.



A wide variety of materials can be held in place by “Snap Clamps”.



Clamps simply “snap” onto pipe, holding material in place.



Crowding tub, built from curved grain bin sections, leads into a 23-ft. long alleyway that's connected to a chute. Both the crowding tub and chute are equipped with swing gates.

## Corral System/Crowding Tub Made From Old Grain Bin

After looking at commercial corral systems on the market, Bob Gibson decided he couldn't justify the cost. So he set out to build his own system using curved sections off a grain bin.

“I use it in my cow calf operation. We have a long lean-to inside our barn where we catch cows to do all our vaccinating and occasionally pull calves. Our new crowding tub leads into a home-built, 23-ft. long alleyway that's connected to the chute. Both the crowding tub and the chute are equipped with swing gates which can both be opened at the same time without interfering with each other,” says Gibson.

He used 2-in. sq. tubing to build a frame and mounted a 9-ft. long gate on it. The gate swivels on the center lift shaft from an old disk. He then covered the gate with sheet metal (so cattle can't see through) and welded it to the brackets that originally supported the disk's wheels, allowing the gate to swing freely. He made a “catch system” on the gate by welding lengths of old water pipe together into a rectangular frame and attaching it near one end of the gate. The frame is held tight by a spring. The gate can be swung only so far until it catches on one of the combine cylinder bars that act as a stop. It bolts vertically to the crowding tub.

To make the crowding tub he got an old 18-ft. dia. grain bin from a neighbor, took it apart, and hauled it to his farm. He overlapped nine of the bin sections together, both vertically and horizontally for added strength, into a 6-ft. high semi circle and then bolted the sections together. The bin sections are attached to the four closed frames welded to the center lift shaft.

To form the alley ways, he used some gates that he already had and covered them with sheet metal, then hung them on posts. A 14-ft. gate was attached to the chute via a quick latch and can be swung open in order to pull a calf or let an animal out before it enters the chute.

“We checked out the price for a commercial system and the crowding tub alone sold for \$1,500. I used 96 ft. of 2-in. tube steel, two quick latches, five cold rolled sheets of steel and five quarts of white paint. My total cost was \$454 so we saved a lot of money,” says Gibson. “I built it after my mom got hurt a year ago while holding a gate and trying to keep a cow from coming through. The gate's catch system keeps cows from pushing the gate back toward me.”

Contact: FARM SHOW Followup, Bob Gibson, 4470 290<sup>th</sup> Ave., Webb, Iowa 51366 (ph 712 838-4358).

## Underwater Glue Patches PVC, Metal, Etc.

“There's never been another product like Mr. Sticky's Underwater Glue, which lets you repair leaks and assemble pipe under water,” says Arthur Quinn of Mr. Sticky Inc., Fair Oaks, Calif.

The new glue adheres strongly to PVC, glass, plastic, steel, copper, and ceramic. It's flexible so it can be used on plumbing parts which shrink and expand due to heat or extreme cold. Can be applied at temperatures ranging from 40 to 100 degrees.

Some possible uses are on well pipe, irrigation equipment, rubber boots, inflatable boats, tile, rain gutters, etc. It can be used to fill gaps, such as bonding a small pipe into a larger fitting. When applied to fabric, it's flexible enough to roll up after it's dried.

“It's the only adhesive on the market that

will bond without some sort of mechanical instrument,” says Quinn. “In most cases, no surface preparation is necessary. It's a two-part adhesive. You put the two components together and mix before applying. The mix is good for 30 to 60 min. The bond is ready for handling in 3 to 4 hrs. It takes about 24 hrs. for a complete cure. Full bonding strength is achieved after one week. It cleans off fingers with alcohol.”

A single pack (1 fluid oz.) sells for \$10.99 plus \$4.95 S&H. A 2-pack sells for \$19.98 plus \$4.95 S&H.

Contact: FARM SHOW Followup, MSI, 8004 California Ave., Fair Oaks, Calif. 95628 (ph 916 961-7378; fax 916 961-7319; E-mail: art@underwaterglue.com; Web site: www.underwaterglue.com).



Sixteen-row cultivator toolbar is hinged to fold up five row units on each side and leave six in the middle.

## Row Crop Cultivator Toolbar Folds Up To Narrow Road Transport Width

If you have to haul equipment on narrow roads, you'll be interested in this heavy-duty, 16-row crop cultivator toolbar that folds up to road width.

Bauer Built Mfg., Paton, Iowa, says its toolbar is hinged to fold five cultivator row units on either side, leaving only six in the middle. Its overall transport width is about 5 ft. narrower than conventional cultivator

toolbars, which fold up four row units on either side and leave eight in the middle.

“Most farmers buy the toolbar from us and mount their own cultivator units on it,” says the company.

Contact: FARM SHOW Followup, Bauer Built Mfg., Box 189, Paton, Iowa 50217 (ph 515 968-4179).