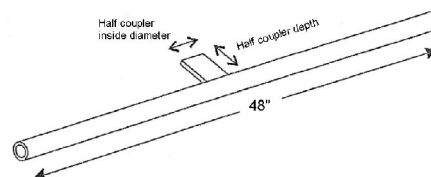


## PET Hose Screw-In Repair Coupler

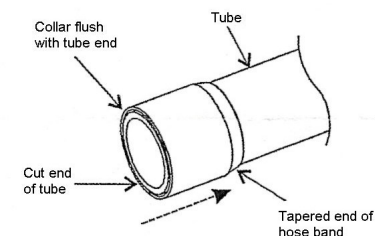
**ABI Repair Couplers are an excellent alternative to butt fusion welding for the repair of polyethylene tube. The compact design allows the coupler to be wound onto the drum without damaging the adjacent coils of hose. They can be installed in the field and the hose can immediately be put back into service.**

- Repair couplers are designed to be installed at ambient temperatures.  
**NEVER APPLY HEAT**
- Couplers **MUST** be installed straight and concentric with hose to prevent premature failure.
- Installation tool is not provided.  
The blade is made from 3/8" steel plate, approximately the same length as the shorter half of coupler. The width is the same as the coupler bore so that it will engage the lugs on the inside of the coupler. Weld the blade to a handle made from 1" pipe, approximately 48" in length.



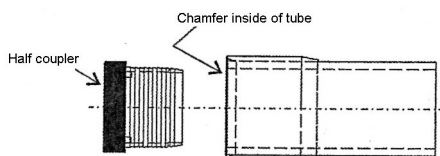
## Installation Instructions

**NOTE:** Ensure the coupler Hose Band will fit through the level guide fork. If the hose band does not fit, do not proceed any further and call your local dealer.



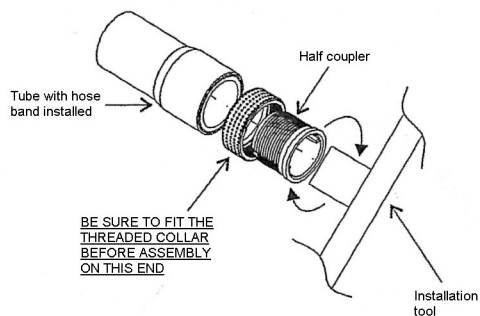
### STEP 1:

Cut the tube on both sides of the damaged area, making good, straight cuts. Using a block of wood or rubber hammer to tap the hose band fully onto the end of the tube. Ensuring that the tapered end of the hose band is facing away from the cut ends of the hose.



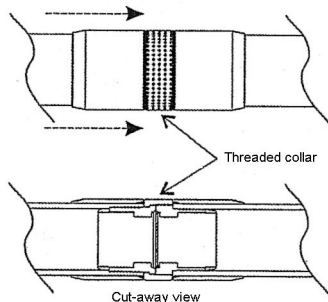
### STEP 2:

Chamfer the inside of the tube with a tapered reamer or coarse file so that the end of the coupler will enter the tube.



### STEP 3:

Place the installation tool in the half coupler and push into the end of the tube. Simultaneously push and rotate the tool clockwise. As soon as the coupler starts to bite into the hose, it will cut its own threads. Screw the coupler fully into the end of the tube. After removing the installation tool, clear away any shreds of polyethylene left inside the tube.



### STEP 3:

After fitting both halves of the coupler, join them together with the threaded collar.

Note: Ensuring that any natural curve of the tube is maintained when joining the coupler.