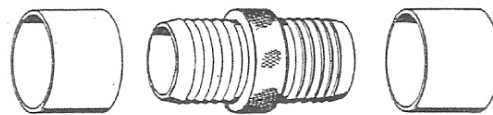


# ABI REPAIR COUPLERS

## PE Hose Screw-in Menders

Screw-in Menders are an excellent alternative to Butt Fusion Welding for the repair of polyethylene hose. They can be installed in the field and the hose can be put into service immediately after the repair is made. The menders are designed to be fitted at ambient temperature. **NEVER** try to apply heat to assist installation. Menders must be installed straight and concentric with the hose to prevent premature failure.



### Size

77 mm (2.3")

63 mm (2.1")

58 mm (2.0")

55 mm (1.8")

50 mm (1.6")

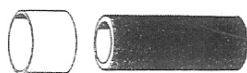
43 mm (1.4")

40 mm (1.3")

33 mm (1.1")

27 mm (.86")

### Step 1:



Cut the hose on either side of the damaged area, and make good straight cuts. Use a block of wood or soft hammer to tap the collar fully on to the end of the hose.

### Step 2:



Chamfer the hose internally with a knife or coarse file so that the end of the screw-in mender will enter the hose.

### Step 3:



Screw the mender about 2/3rds into the end of the hose, using a wrench on the center knurled shoulder. **IMPORTANT:** Please note the mender threads are different on each end. One is left and one is right hand. Unscrew mender from the first end and repeat the procedure for the second end. Watch for the left hand thread. After screwing it in 2/3rds of the way, unscrew it again.

### Step 4:



Now start the mender in both ends of the hose simultaneously. As it screws in, it will draw both ends of the hose to the center. This time screw it all the way to the shoulder. The hose should now be ready to go immediately back into service.

The compact design allows the mender to be wound onto the spool without damaging itself or the adjacent coils of hose.