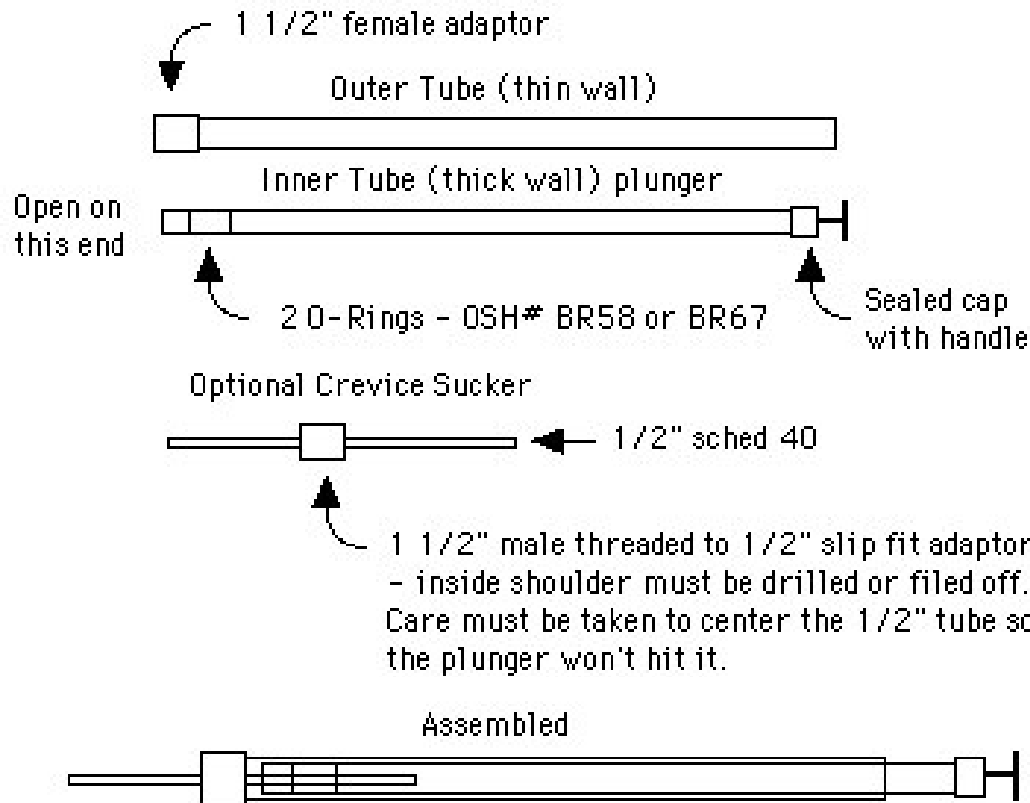


Gold Sucker V 1.1



With crevice sucker attached, the plunger may be pumped several times until the material reaches the top of the 1/2" pipe. Another possible attachment would be a 1 1/2", 45 or 90 degree "ell" instead of the crevice sucker

Since the gold sucker is normally used with the bottom open, you may be asking "how do you keep the stuff from falling out the bottom"? The short answer is ya gotta be quick. Try to keep your bucket or pan as close to the spot you are working and almost submerged so you don't have to move the sucker very high or very far. It also helps if you can get into a rhythm where you are still pulling on the plunger while transferring the material. Clean up any material that falls out every now and then.

Notes

Outer tube is 1 1/2" type 125 PVC
Inner tube is 1 1/4" sched 40 PVC
Length is about 3 - 4 feet.

Handle is made from two 1/2" PVC end caps and a 1/2" tee with a couple short pieces of 1/2" PVC pipes to connect. The handle is bolted thru handle to end cap.

Use 1/8" file for O-ring grooves.
Depth of O-ring grooves must be about 1/2 of the dia. of O-ring cross section.

The O-ring # given may be a part # for Orchard Supply Hardware, a No. CA chain. The actual dim. are:
BR67 - 1 9/32 id, 1 9/16 od
9/64 cross section
BR58 - 1 1/8 id, 1 3/8 od
1/8 cross section
Use the one which gives best seal