

BARGAIN *Fittings*

Bargainfittings.com

Installing a weldless fitting or site glass.

Before you start, disassemble and clean the fittings with warm water and a mild cleaner like baking soda, Powdered Brewer Wash, or unscented oxyclean.

Tools needed: 1/8" Starter bit, 13/16" Step bit or hole saw. Metal cutting lubricant, center punch, and emery cloth or fine grit sand paper. Heavy 1/2" Drill. Use a helper if you have one. If drilling for 3/8" fittings you will need a 5/8" drill bit.

Position locknut just above the curve of pot, mark the center with a permanent marker and use your center punch so bit won't wander. Have helper hold the kettle or keg and drill starter hole with 1/8" metal bit. Use slow rpm's (100) and lots of pressure. Use lots of lubricant or hole will case harden and ruin the bits. Clean all chips and burrs from inside and outside the hole. Use sandpaper or deburring tool (dremel) to smooth any scratches or sharp edges on the hole.

Wrap 5 or 6 wraps of white teflon tape on each side nipple threads. Yellow gas teflon tape is thicker 3 to 4 wraps is enough. Wrap in direction of the thread.

Add an oring, and thread locknut on one end. For valve fitting add the coupling after the locknut. Place through wall of keg from inside. (Optional step) add 2nd oring on nipple outside the keg / kettle.

Site glass: Add washer(s) Add the elbow or Tee and hand tighten.

Weldless fitting: Add the washer(s) Screw on the valve and hand tighten.

Grip the locknut with locking pliers and use locking or adjustable pliers on the elbow to further tighten down the fitting set. Do not overtighten. You just want it snug against the metal. If you have to tighten it all the way down just make sure the o-ring does not pop out.

Site glass: Wrap several wraps of teflon tape on the large thread of the Compression fitting with sight glass and thread into the 90 or Tee. Remove nut from the compression fitting and slide it on the tube. Add the two small o-rings and insert tube end in the brass fitting and hand tighten the nut. The orings will form the seal. Do not put teflon tape on the small thread on the compression side.

Close any valves on the pot and fill enough water to submerge the coupler/locknut inside and watch outside for leaks.

Site glass: Locate the eyehook at the top, drill hole and use nuts to support the polycarbonate tubing. If in a kettle and you will fill above the nut you will need some teflon tape / small o-rings to seal the hole or it will weep.

For a slow drip, slightly tighten the fitting until drip stops. If drip gets worse check the o-ring for proper ensure it is not popping out the sides of washer or locknut.

