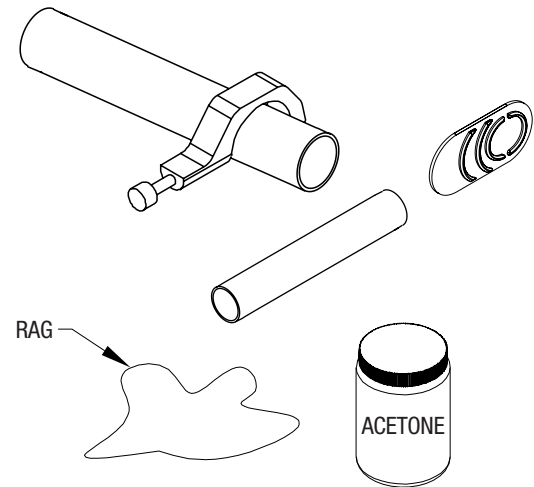


FUSION LOCK™ INSTALLATION INSTRUCTIONS

FOR ZURN POLYPROPYLENE PIPE AND FITTINGS

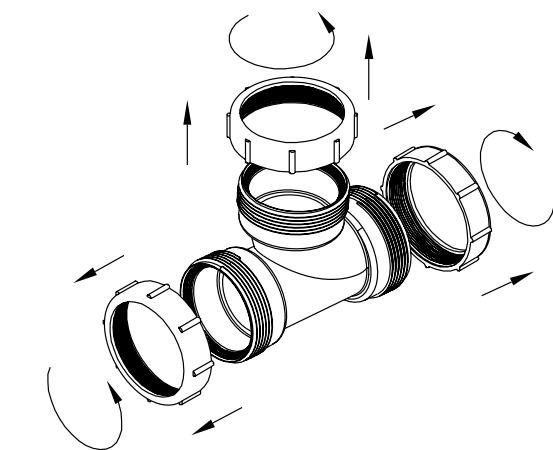
STEP 1

Cut pipe square to appropriate length and deburr ends.
NOTE: Be certain pipe is visibly free of any dirt or debris. Acetone cleaner may facilitate the cleaning process. Chop saw or pipe cutting tool will ensure square cuts.



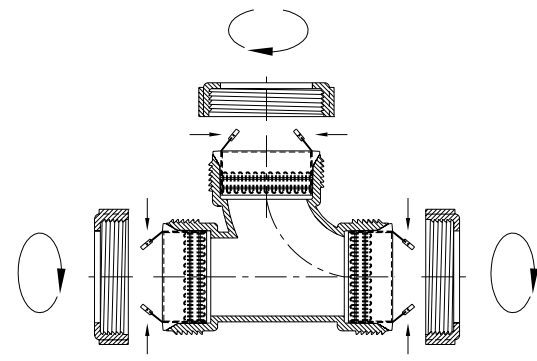
STEP 2

Remove nuts from fittings.

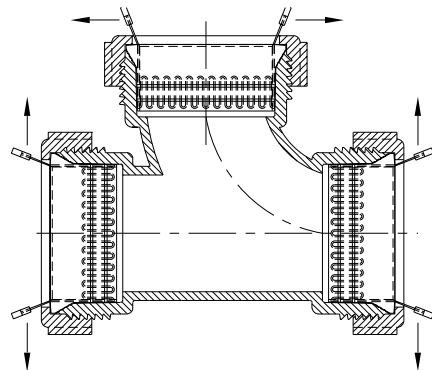


STEP 3

Insert Fusion Lock™ seal into sockets with leads in the desired position.
 Bend the lead wires inward, and reapply nuts (hand tight).

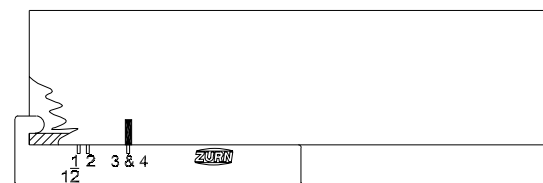


Bend the leads outward.



STEP 4

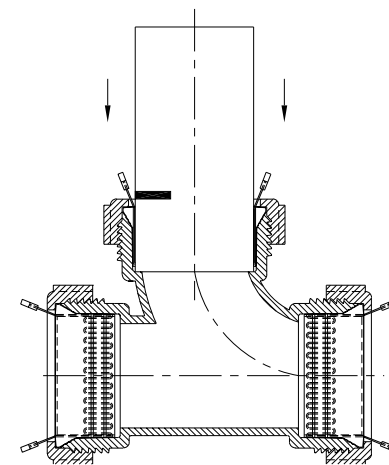
Hang the Fusion Lock™ depth gauge (ruler) off the end of the pipe and mark the pipe according to its diameter.



STEP 5

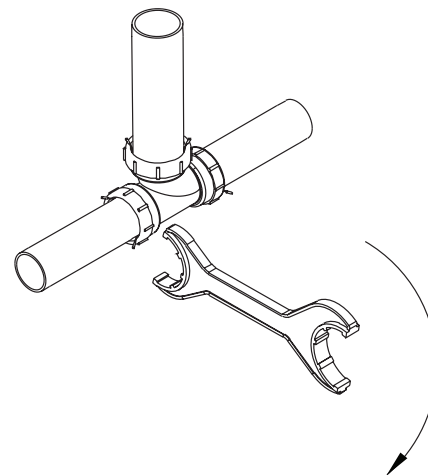
Insert pipe into the joint assembly completely until depth mark is flush with top of nut.

IMPORTANT: Failure to insert pipe fully into the fitting could effect joint integrity.



STEP 6

With the Zurn spanner wrench, tighten nuts until snug.



NOTE: Be certain all joints assembled to be fused are properly supported by pipe hangers. Failure to support pipe and fittings could result in pipe pulling away from fitting before or during the fusion process.

STEP 7

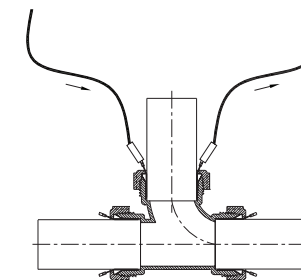
Use Of The Welder

- Turn unit on.
- Press Option A to weld.
- On initial power up only (will retain until unit is shut off):
 - Enter User Name Accept
 - Enter Location Accept
 - Enter Job Reference Accept

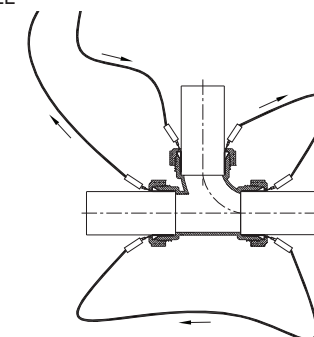
Connect the fusion clips to the lead wires on the fusion seal. For multiple joints connect in a series.

NOTE: Be certain that there is no undue stress on fusion lead wire as this could cause them to pull away from the seal during the fusion process. Use fusion cable velcro strap around pipe to alleviate this stress.

SINGLE



MULTIPLE

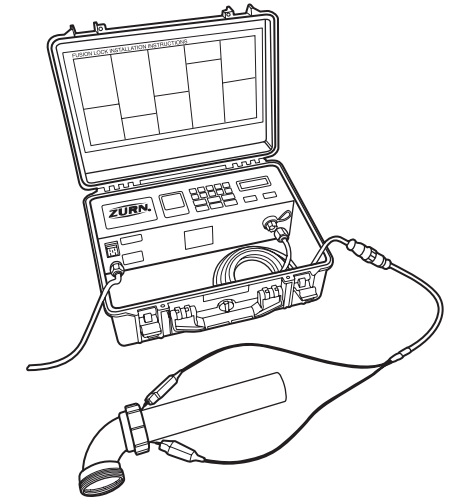


- Select size group:
 - 1-1/2"-4"
 - or
 - 6"

Press Start

STEP 8

NOTE: DO NOT go back and retighten the nuts. Joint must cool 1/2 hour prior to testing.



Extension Cord Requirements Multiple Joint Use

Wire Size (awg.)	Max. Length (ft)
18	25
16	25
14	50
12	100
10	150
8	250

Multiple Connection Guide

Size Ø	Maximum No. of Joints in Series							
	1-1/2"	2"	3"	4"	6"	8"	10"	12"
Joints	10	8	4	3	2	1	1	1

Parts List

Instruction Booklet
 Main Lead Cable
 Three (3) Jumper Cables

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
⚠ ADVERTENCIA: Cáncer y daño reproductivo - www.P65Warnings.ca.gov
⚠ AVERTISSEMENT: Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

NOTE: Pipe, fittings, and seals cannot be stored outdoors or in presence of UV light unless material is shielded as change will occur and inhibit proper installation. Do not use fusion seals unless they are clear or opaque in color.

NOTE: At temperatures below 40 °F, it is recommended to heat the installation area and allow pipe, fittings, and welder to come to ambient temperature before fusing.