

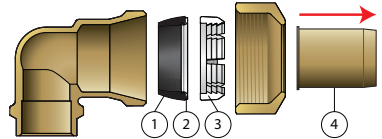
# TOF PE Connection

**IMPORTANT INSTALLATION INSTRUCTIONS**  
Follow each step carefully

## STEP 1

Remove the brass nut and check that the internal components are present and in the correct position inside the valve or fitting:

1. Black rubber gasket
2. White reinforcing ring inside the wide rim of black gasket
3. White grab ring with solid end against black gasket
4. Bushing sleeve removed (PE50 & PE63 only)

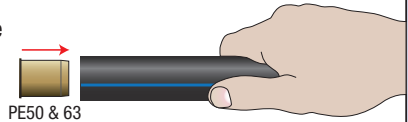


## STEP 2

Zetco Valves recommends the use of PE100 PN16 polyethylene pipes complying with AS/NZS 4130.

Cut pipe square and de-burr edges.

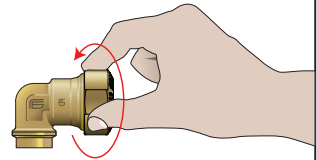
For PE50 and PE63 only, insert bushing sleeve fully into pipe.



## STEP 3

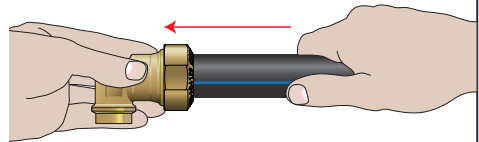
Secure the internal components by hand-fastening the nut.

To ensure easy insertion of the pipe, fasten nut loosely with a single turn and do not over-tighten.



## STEP 4

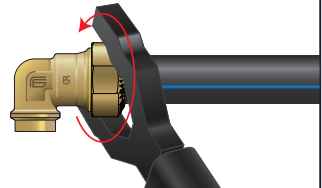
Push the pipe through the internal components, fully into the valve or fitting.



## STEP 5

Fasten the nut securely with a ZETCO torque wrench to the correct torque for your polyethylene pipe size:

PE Pipe Size	25mm	32mm	40mm	50mm	63mm
Max. Torque	28Nm	32Nm	60Nm	100Nm	100Nm
				with bushing sleeve	



### IMPORTANT WARNING

#### REMOVE THE NUT AND INTERNAL COMPONENTS

before brazing or soldering to prevent heat damage.

Only PTFE sealing tape or an approved thread sealant such as Loxeal® should be used with threaded connections.

TEMP/PRESSURE	
Application	Water
Max. Temp.	60°C
Max. Pressure	1600kPa