

TOF PE Connection

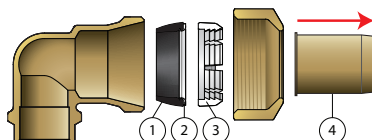
IMPORTANT INSTALLATION INSTRUCTIONS

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 (PE40 to PE63 only)



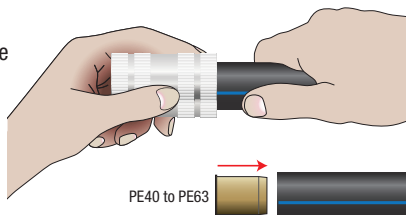
STEP 2

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

Cut pipe square and de-burr edges.

Chamfer the external edge of the pipe with an appropriate tool to prevent damage to the gasket.

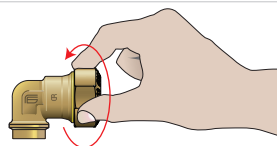
For PE40 to PE63 only, insert bushing sleeve fully into pipe.



STEP 3

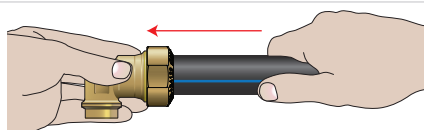
Secure the internal components by hand-fastening the nut.

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



STEP 4

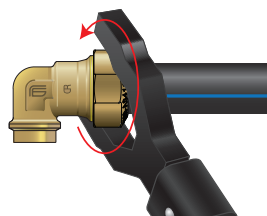
Push the pipe through the internal components, fully into the valve or fitting.



STEP 5

To comply with the pull-out requirement of the AS/NZS 4129 standard, we recommend using only PE100 PN16 polyethylene pipes and fastening the TOF nut securely with a ZETCO torque wrench at the following torque value:

PE Pipe Size	25mm	32mm	40mm	50mm	63mm
Torque	20Nm	25Nm	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