

The Revolutionary NEW Philmac Metric/Imperial™ Pipe Fittings range

MDPE AND IMPERIAL POLYTHENE INSTALLATION INSTRUCTIONS



1. Cut the pipe square

There is no need to prepare the pipe end. Chamfering or lubrication is not required.



2. Insert liner in MDPE pipe

With MDPE pipe a liner must be used to ensure conformance with WRAS.



3. No liner or insert required for imperial pipe

For connections to imperial PE pipe (BS1972/3284 and IRS 135 Heavy Gauge) a liner or insert is not required.



4. Ready to use position

The fitting is pre-assembled and ready to use. Always ensure the nut is fully relaxed and 2 threads are showing before inserting the pipe.



5. Pipe insertion

Slide the pipe fully into the fitting to the point where the stop is felt.



6. Nut tightening

Tighten the nut by hand and then firmly with a wrench if required.



7. Fully installed

Fitting is now fully installed.

Note: SHOULD NOT BE USED ON BARRIER PIPE SYSTEMS



8. Imperial fully installed

For connections to Imperial PE pipe (BS1972/3284 and IRS 135 Heavy Gauge) steps 5 and 6 are the same as for MDPE connections.



9. Disassembly

To disassemble the fitting simply loosen the nut until 2 threads are showing. Pipe will be released and can simply be pulled out of the fitting.

Slide and Tighten™



The connection you can trust

REDUCING AND COPPER CONNECTION KITS INSTALLATION INSTRUCTIONS



1. Preparation

Take the Metric/Imperial™ fitting and remove the nut. The split collet and seal ring must then be removed.



2. Position the connection kit

Take the appropriate connection kit and place it in the body of the fitting with the tapered end pointing outwards.



3. Ready to use

Replace the nut on the fitting body. The fitting is now ready for use. Standard installation instructions now apply.

COPPER INSTALLATION INSTRUCTIONS

Repeat steps 1 to 3 above using the copper connection kit.



1. Cut the pipe square

Pipe should be deburred, degreased and roughened with wire wool or similar.



2. Ready to use position

Prior to pipe insertion ensure the nut is fully relaxed and 2 threads are showing.



3. Witness mark the pipe

To ensure the correct insertion depth witness the mark by lining up the pipe against the fitting and using the flange of the body as an indicator.



4. Pipe Insertion

Slide the pipe fully into the fitting up to the witness mark.



5. Nut tightening

Tighten the nut by hand and then firmly with a wrench if required.



6. Fully installed

The fitting is fully installed when the nut butts against the flange of the body.

Note: SHOULD NOT BE USED ON BARRIER PIPE SYSTEMS

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