



Installation & Operation Instructions

SERVICE HEAD ADAPTOR

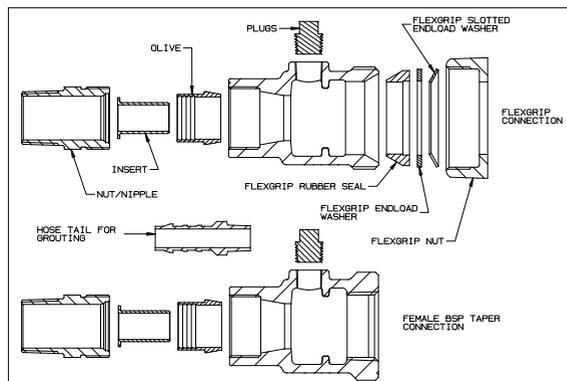
KITMARK APPROVED PRODUCT - KM 638820



Note: The instructions in this leaflet are to be used in conjunction with the installers codes of practice such as T/PR/SL1.

PREPARATION OF THE PIPE END

Where surface corrosion and/or debris is present on the metal service pipe this should be removed using a wire brush before installation. If an old ECV is being removed, clean up the threads and inspect to ensure suitable for further use. Joining to Metal Pipe (Steel) – note, this joint is normally made first before joining to the PE.



FLEXIGRIP TYPE - REFER TO FLEXIGRIP CONNECTION

Push the body on to the plain end of the Steel pipe until it reaches the internal pipe stop. Tighten the Flexgrip Nut to the required torque in the table below to seal and anchor the fitting. Then follow points 2-6 overleaf to complete the installation.

Note, if the components are dismantled for assembly, then they must be re-assembled exactly as shown in the illustration.

Steel Pipe Size	3/4"	1"	1 1/4"	1 1/2"	2"
Torque Values (Nm)	70	105	130	165	200
Min No. Turns (+1/8th)	2	2	2	2	2

TOOLS REQUIRED:

Appropriate sized spanners, Pipe Grips (for Flexible Nuts) & PE Pipe Cutters.

THREADED TYPE - REFER TO FEMALE BSP TAPER CONNECTION

Screw the Body on to the end of the Steel pipe in a clockwise direction and tighten with appropriate spanner to fix. A suitable thread sealing compound must be used to produce a gas tight seal. Then follow points 2-6 below to complete the installation.

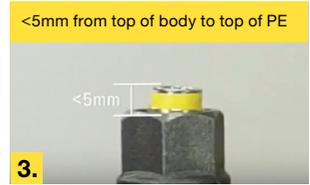
JOINTING TO POLYETHYLENE PIPE (PE)



1. With the Nipple and Olive removed from the body, cut the PE pipe close to the top of the body or if the PE is movable, pull back the cut end until flush or within 5mm of the top of the Body.



2. Ensure no internal or external burrs are present on the PE pipe end.



3. Slide the Olive tapered end first on to the PE pipe and seat in to the body. Push in the Insert until its flange abuts the end of the PE pipe. Ensure PE pipe is no more than 5mm from the top of the Body.



4. Attach the outlet Nipple to the top of the body and rotate in a clockwise direction to tighten using appropriate spanner or grips.

This action results in the Olive being compressed making a fully end-load bearing and pressure tight joint to the PE pipe.



5. The Nipple should be tightened until the hexagonal part touches or is within 1mm of the top of the Body. A second spanner or grip will be also required to stop the Body rotating and act as a restraint.



6. The fitting is now complete. Attachment of the ECV and pressure testing can now be completed before grouting is commenced following manufacturer's instructions. Once complete the fitting can be finally sealed by replacing the 1/4" Plugs and sealing with suitable thread sealing compound.



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ISO 14001 Reg No. EMS 78657

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