

Bosspipe should be laid with socket end facing upstream.

Bosspipe must be carefully lowered into position in the trench using nylon slings or strops to avoid damaging the pipes (chains shall not be used).

If Bosspipe barrel is cut to a required length, ensure that the cut is made in the middle of a groove.

Position new Bosspipe length along the centreline of the trench unless specified otherwise (ID line on top when the pipe is buried, facing ground when installed above ground). Check the pipe for any damage.

Align the pipe with socket of the previously installed pipe (do not exceed 1° angle between axes of pipes). Excavate slightly ground between the socket and spigot end of the pipe being joined, so no dirt or mud can enter the joint during joining procedure. To ease sliding of the pipe during jointing, a piece of sheet or thin board may be placed underneath the pipe (at an angle 30°-45° to the corrugation) in one or two places, to be removed after joining.

Bosspipe is joined using rubber rings according the following recommended procedure:

- Thoroughly clean the inside of the pipe socket and outside of the spigot. Clean water may be used for removing mud and dirt, drying shall follow.
- Place a witness mark on the spigot end of the pipe equal to the length of the socket, if absent.
- Place a clean and dry rubber ring in the last groove in, stretching the ring as required.
- Ensure that the rubber ring is firmly and uniformly located in the groove.
- Check that the cut edge is smooth on the inside of the socket flare, has no sharp angles or nicks; chamfer, if necessary.
- Apply joint lubricant to the inside of the socket and to the outside of the rubber ring (in an emergency, common soap can be used).
- Insert the leading end of the spigot into the socket flare.
- Position timber protection board across the socket end of pipe being; when pushing against a socket, insert a short offcut of Bosspipe (without ring) to avoid damage to the socket. Apply steady force using a crowbar.
- Push the pipe home to the witness mark placed on the spigot.

Joint lubricant other than that specified by Waters & Farr for Bosspipe should not be used. –Mineral oils or greases affect the long-term performance of the rubber rings.

For above ground installation where there are no other means for accommodation of thermal movement, pull pipe 10-15 mm back out from being fully inserted into the socket.

Watertight joints for upstream manhole connectors can be made using a black Bosspipe coupler, Bosspipe short and rubber rings on both spigots. Place witness marks on both spigots to ensure pipe ends meet in the middle of the coupler and join as described above.