

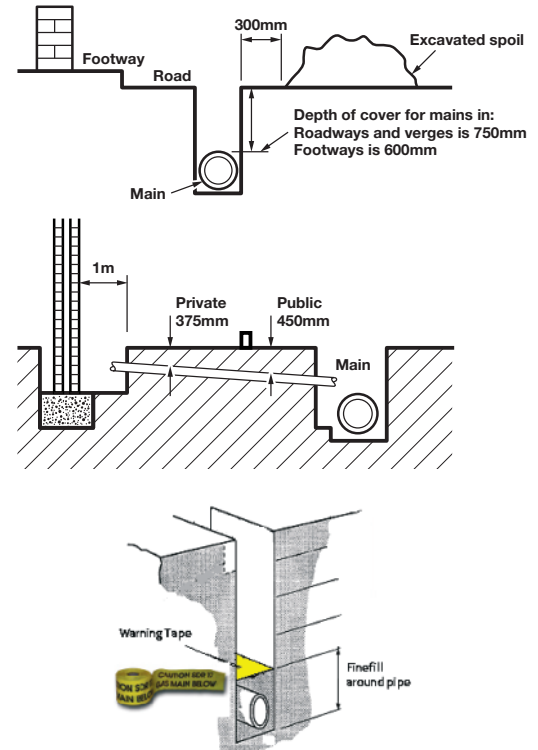
For further assistance, please call our Customer Support team on 0845 641 3010 who will be happy to help.

Gas Ducting

Polyethylene (PE) pipe can be inserted into a pre-laid duct. The duct is laid during site construction. The service pipe is then inserted at a later stage so that paths and roads do not have to be disrupted.

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Figure 1. Typical Trench layout



Installation

General Guidelines:

- Gas ducting must be yellow in colour, vented appropriately and perforated. Gas marker tape must be laid 200mm above the duct to avoid interference damage to gas pipes. Polyethylene (PE) gas, water or cable pipe must not be used as a duct.
- A draw cord should always be inserted.
- The maximum length of service duct should be 30m, unless a longer length is agreed by a Fulcrum representative.
- Ducting must be laid in a straight line and perpendicular to the connection point.
- Care should be taken to ensure that ducting is not kinked or obstructed.
- Keep a clearance of at least 250mm between gas pipe/fittings being installed alongside, or crossing, the known position of other utilities' plant.
- The duct must not be blocked or obstructed. If we have to leave site due to blockages or incorrectly installed ducts, developers may be charged for any additional visits required.
- For ease of insertion, the internal diameter of the duct must be sufficient to allow insertion of the PE pipe without damage. (see Table 1)
- Fulcrum does not provide ducting.
- We recommend that ducting for mains should be avoided wherever possible. Please contact us for advice.

Ducting for Gas Service Pipes:

- The external ducting must terminate adjacent to the service entry point, allowing a minimum 1 metre of pre-excavated ground to assemble entry fittings.

- The mains connection excavation must be left open with sufficient ducting to receive the service pipe.
- The ducting must be laid on a prepared bed or soft ground and the first 100mm backfilled with imported finefill.
- All service ducting must be laid perpendicular to the gas main.

Table 1 - Ducting

Pipe size	Minimum Duct Size (internal diameter)
32mm	60mm
63mm	100mm
90mm	150mm
125mm	200mm

Table 2 - Minimum Depth of Cover

Pipe Location	Cover
Services in Private/garden	- 375mm
Public/footway	- 450mm
Public/roadway	- 450mm
Mains in Public/footway	- 600mm
Roadway/verges	- 750mm
Fields	- 1100mm

Note: A draw cord should always be inserted. The maximum length of service duct should be 30m, unless a longer length is agreed by the Fulcrum representative.

Scaffolding

When you contact us for the installation of gas mains and/or services it is important that all the areas in which we need to work are clear of obstacles including any scaffolding. Fulcrum, or its approved contractors, are not permitted to work under scaffolding.

Any visit where clear access is not possible will be aborted and you may be charged for additional visits. Please ensure that the area is clear of scaffolding and other obstacles before we arrive on site to avoid any delays to your work.

