



Gas networks





#wearealixis

We are specialists in fluid management solutions, we help keep life flowing by ensuring the safe and continuous movement of water, gas and energy across building services, industrial processes and infrastructure networks.

We think fluidly across disciplines to provide innovative solutions and expert support at every stage of a project. Everything

just flows, from specification and design through to installation and training we tackle the most complex fluid management challenges with the curiosity to think differently and the courage to challenge the status quo.

It's this fluid thinking that we use to collaborate with experts across the whole value chain, to deliver true peace of mind for our partners.

Helping you build robust and safe gas supply networks.

There are over 23 million gas customers across the UK who rely on the national infrastructure to deliver gas to homes and businesses, so it is vitally important that the distribution system is well designed, maintained and prepared to meet future challenges.

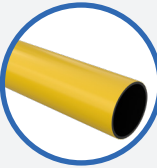
Whether you're connecting a new house to the network or replacing an old metal mains line, safety is the primary concern when working on any gas project. That is why major gas companies who need expert support in delivering renovation schemes, new distribution mains, and service connection projects turn to Aliaxis as their trusted partner to ensure their gas network is designed to last and is most importantly, safe.

We work collaboratively with the entire supply chain to deliver a dedicated solution that meets the needs of each individual scheme. From concept design and specification advice, through to

delivery, tailored training packages and on-site installation support, we are there to guide you through every stage of your project.

'there to guide you through every stage of your project'





GPS PE yellow pipe

GPS PE Yellow pipe is flexible and lightweight, it can be installed using trenchless methods such as directional drilling as well as traditional open-cut techniques.

- Flexible and lightweight for ease of installation
- Suitable for trenchless installation methods
- Available in straight lengths and coils
- Up to 2 bar pressure rating
- GIS PL2-2 approved
- Available in sizes 16mm to 800mm
- Bespoke diameters, SDR's, lengths and pressure ratings are available upon request.

Fabricated fittings

We can produce a wide range of fabricated fittings such as:

- Mitred bends
- Extended spigots
- Tee pieces

Flanged connections

- Provides the flexibility to connect our PE pipe to a range of materials
- Stub flanges: available in sizes 63mm to 800mm
- Slim flanges: available in sizes 250mm up to 560mm
- Additional bespoke products available on request



GPS PE orange pipe

Designed for intermediate pressure gas applications, our high performance GPS PE Orange pipe provides all the benefits of polyethylene, combining maximum installation and performance efficiencies with optimum cost.

- Flexible and lightweight for ease of installation
- Corrosion resistant
- Minimum maintenance requirements
- Excellent lifetime cost savings vs traditional materials
- Suitable for trenchless installation methods
- Available in straight lengths and coils
- Up to 7 bar operating pressure
- GIS PL2-8 approved
- Sizes range from 63mm to 630mm



Frialen electrofusion fittings

Our range of Frialen electrofusion fittings have been engineered to provide the highest quality jointing method for polyethylene pipes, creating a fully homogenous system with GPS PE Yellow pipe that network operators can depend on.

- Featuring exposed heating coils for consistent heat transfer
- Longer fusion zones for greater reliability
- Larger fitting insertion depth to reduce pipe misalignment

Frialen electrofusion couplers

- Available in sizes 20mm to 1200mm

Frialen electrofusion elbows

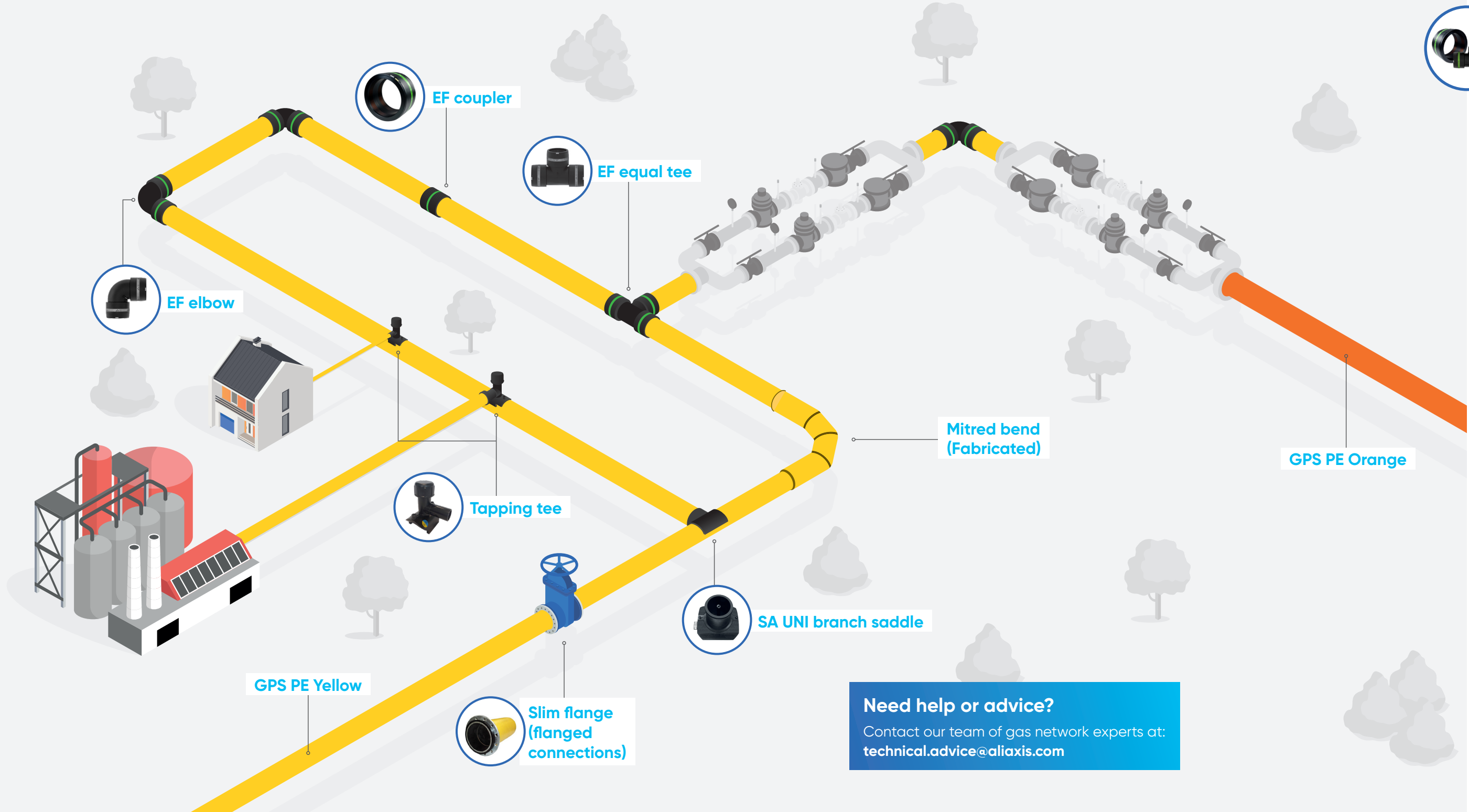
- Available in sizes 25mm to 315mm

SA UNI branch saddle

- Suitable for pipe diameters between 250mm and 900mm
- Available with 90mm and 160mm outlet options
- Efficient and leakage free tapping
- Viable alternative to a traditional T piece.

Tappings tee

- Wide range of tapping options for multiple pipe diameters
- Electrofusion jointing process with multiple offtake sizes
- Top loading and under clamp options available
- Fully approved to global gas standards



Need help or advice?

Contact our team of gas network experts at:
technical.advice@alixaxis.com

*Graphic for demonstrative purposes only.
It's not drawn for accuracy or scale*

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