



XPress copper fittings for water and gas

Complies to the new British Standard BS 8537:2010



Pegler Yorkshire XPress Copper and XPress Copper Gas fittings up to 108mm are manufactured to comply with the latest British Standard **BS 8537:2010**. Press fittings have thoroughly demonstrated their suitability for gas applications, as witnessed by their acceptance in Industrial and Commercial buildings.

Gas Installations fall into two categories: Domestic, and Industrial & Commercial.

BS 6891 Installation of low pressure gas pipe-work of up to 35 mm (R1¼) in domestic premises (2nd family gas) — Specification forms the recommended code of practice for Domestic installations, whilst the Institute of Gas Engineers and Managers (IGEM) own Standard **IGEM/UP/2 Installation of pipe-work on industrial and commercial premises** represents a code of practice for those applications.

BS6891 states that **Compression, Capillary and Threaded Fittings** should be used for Domestic Gas Installations, complying with EN1254 parts 1-5. Press fittings fall outside the scope of these standards, and consequently outside the scope of this code of practice.

IGEM/UP/2 recognises the existence of Press Joints but limits their use to applications below 100mbar and to pipe-work with a maximum diameter of 108mm. The standard also contains a jointing procedure in its appendices.

A third document is often cited in this area, **BS EN 1775: Gas supply- Gas pipe-work for buildings – Maximum operating pressure less than or equal to 5 bar – Functional recommendations**, available since 2007. This also recognises the existence of Pressed Joints and calls for them to comply with **prEN1254-7**, the long awaited European Standard for Press Fittings.

Development of prEN 1254-7 has reached an impasse, and consequently the UK, in common with other European countries, has published a National Standard **BS 8537: 2010 Copper and copper alloys. Plumbing fittings – Specification for fittings with press ends for metallic tubes**. This standard contains the same specification and requirements that were developed in prEN 1254-7 and was published in December 2010.

Subsequent revisions of **BS6891**, **BS EN1775** and **IGEM/UP/2** and other relevant codes of practice can now refer to this new British Standard, and further clarify the approvals position for Gas Press fittings.