



BSI Standards Publication

Plastics piping systems for the supply of gaseous fuels — Polyethylene (PE)

Part 5: Fitness for purpose of the system

National foreword

This British Standard is the UK implementation of EN 1555-5:2021. It supersedes BS EN 1555-5:2010, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/88/2, Plastics piping for pressure applications.

A list of organizations represented on this committee can be obtained on request to its committee manager.

NOTE 1 There is no Part 6 in the EN 1555 series. Users of this standard should refer to BS EN 12007-2, *Gas infrastructure – Pipelines for maximum operating pressure up to and including 16 bar – Part 2: Specific functional requirements for polyethylene (MOP up to and including 10 bar)*. Users of this standard are also referred to the guidance issued by Cadent, for example T/PR/ML/4, *Work procedure for pipe system construction Module 4 – PE main laying up to and including 630 mm diameter at pressures up to and including 2 bar*.

NOTE 2 Part 7 of the EN 1555 series is under development as a CEN Technical Specification to allow further development. CEN/TS 1555-7 is not mandatory under the Public Procurement Directives (2004/18/EC and 2004/17/EC).

Users should be aware of any appropriate safety precautions related to pipework for combustible gas (see T/PR/ML/4). It is assumed in the drafting of a standard that the execution of its provisions is entrusted to appropriately qualified and competent people.

National Annex NA, which is appended at the back of this document, provides additional information on the selection and installation of piping systems and components in the UK.

Attention is drawn to the statutory legislation the Health and Safety at Work etc. Act 1974 and subsequent regulations.

The UK committee emphasizes that compliance with this British Standard does not necessarily mean that products are fit for the purpose of conveying gaseous fuels in the UK. The EN 1555 series of standards are not fully compatible with existing UK practice in terms of applicable pressure tiers, preferred colours for gas pipe recognition, jointing and installation methods.

The requirements contained in the EN 1555 series of standards are not necessarily indicative of all the performance requirements, or the suitability of pipework for the service conditions, likely to be encountered in the UK.

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