

**Plastics piping systems —
Fittings, valves and
ancillaries —
Determination of gaseous
flow rate/pressure drop
relationships**

The European Standard EN 12117 : 1997 has the status of a
British Standard

ICS 23.040.40; 23.060.01

National foreword

This British Standard is the English language version of EN 12117 : 1997.

The UK participation in its preparation was entrusted to Technical Committee PRI/61, Plastics piping systems and components, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

This standard is incorporated into BS 2782 *Methods of testing plastics* : Part 11 : *Thermoplastics pipes, fitting and valves*, as Method 1121G, for association with related test methods for plastics materials and plastics piping components.

This test method has been prepared for reference by other standards under preparation by CEN for specification of plastics piping and ducting systems and components. It has been implemented to enable experience of the method to be gained and for use for other fresh applications.

It is also for use for the revision or amendment of other national standards as practicable, but it should not be presumed to apply to any existing standard or specification which contains or makes reference to a different test method until that standard or specification has been amended or revised to make reference to this method and to adjust any requirements as appropriate.

In particular BS EN 12117, since it does not determine the velocity head loss, is not technically equivalent to either appendix E or appendix F of BS 7336 : 1990. Those appendices should continue to be used for the purposes of BS 7336, which in turn is subject to standstill pending completion and implementation of EN 1555 to provide a revision of BS 7336.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled 'International Standards Correspondence Index', or by using the 'Find' facility of the BSI Standards Electronic Catalogue.

Warning. This British Standard, which is identical with EN 12117 : 1997, does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the method should be operated only by trained personnel.

Additional information

In the list of descriptors on the EN title page, the word 'cocks' should be interpreted as 'valves'.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 6, an inside back cover and a back cover.

Amendments issued since publication

Amd. No.	Date	Text affected

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 March 1998.

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Descriptors: Plastic tubes, polyethylene, pipe fittings, cocks, tests, determination, head losses

English version

Plastics piping systems — Fittings, valves and ancillaries — Determination of gaseous flow rate/pressure drop relationships

Systèmes de canalisations en plastiques —
Raccords, robinets et équipements auxiliaires —
Détermination du rapport débit gazeux/perte
de charge

Kunststoff-Rohrleitungssysteme — Formstücke,
Armaturen und Zubehörteile — Bestimmung
des Zusammenhanges zwischen Gasdurchfluß
und Druckabfall

This European Standard was approved by CEN on 1997-05-28. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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European Committee for Standardization
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