

Plastics piping systems for water supply — Unplasticized poly(vinyl chloride) (PVC-U) —

Part 4: Valves and ancillary equipment

ICS 23.040.01; 23.060.01; 91.140.60

National foreword

This British Standard is the UK implementation of EN 1452-4:1999. Collectively, Parts 1, 2, 3, 4 and 5 of BS EN 1452 supersede BS 3505:1986, BS 4346-1:1969 and BS 4346-2:1970. Since those British Standards are the basis of piping systems with a design life of at least 50 years, it is intended that they will be declared obsolescent, by 26 June 2001. With BS EN 14814:2007, collectively Parts 1 to 5 of BS EN 1452 also supersede BS 4346-3:1982, which is withdrawn to exclude requirements for joints for pressure pipes for water supply. BS EN 1452-4:1999 (previously dated as BS EN 1452-4:2000) also covers PVC-U valves and tapping saddles, for which there were no previous British Standards. A dynamic endurance test is also included.

NOTE 1 The UK Water industry has indicated that this British Standard is to be regarded as superseding the following Water Industry Specifications

WIS 4-31-06, Issue 2: March 1994 *Blue unplasticised PVC pressure pipes, integral joints and post-formed bends for cold potable water (underground use)*

WIS 4-31-07, Issue 2: March 1994 *Unplasticised PVC pressure fittings and assemblies for cold potable water (underground use)*

The UK participation in its preparation was entrusted by Technical Committee PRI/61, Plastics piping systems and components, to Subcommittee PRI/61/2, Thermoplastics piping systems and components for pressure applications.

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

The responsible UK committee gives the following advice concerning the selection and installation of piping systems and components conforming to this British Standard.

- a) Water supply companies and other entities are obliged to use Parts 1 to 5 of this suite of European Standards, produced under EC/U mandate, if they wish to purchase PVC-U pipe systems or components within its scope.

NOTE 2 Parts 6 and 7 have each been prepared as an ENV (pre-standard), to allow further development, and their use is voluntary unless invoked contractually.

- b) Attention is drawn to **6.3.2**, where the symbol and use throughout the text and figures of “Z-length” with an upper case “Z” is not covered by the definitions/symbols/abbreviations clause in this standard or in EN 1452-1:1999 and is inconsistent with that established by ISO 265-1:1988, which uses a lower case “z” for this purpose. Its use in this standard is consistent with the definition and use of upper case “Z” for this purpose in text within EN 1452-3:1999, but in the corresponding figures in EN 1452-3:1999 a lower case “z” is usually found.

The UK Technical Committee considers that the lower case italic “z” should be used consistently for the laying length (z-length).

This British Standard was published under the authority of the Standards Committee and comes into effect on 15 May 2000

© BSI 2009

ISBN 978 0 580 69345 8

Amendments/corrigenda issued since publication

Amd. No.	Date	Comments
Corrigendum No. 1	July 2000	Indicated by a sideline
Corrigendum No. 2	October 2000	Correction to National foreword supersession details
	31 August 2009	Correction to National foreword supersession details, and alignment of BSI and CEN publication dates
	31 October 2009	Correction to Table 1