

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

Part 3: Fittings

ICS 23.040.45; 91.140.60

National foreword

This British Standard is the UK implementation of EN 1452-3:1999. 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 With BS EN 14814:2007, collectively Parts 1 to 5 of BS EN 1452 also supersede BS 4346-3:1982, which is withdrawn to exclude requirements for joints for pressure pipes for water supply.

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) The range of nominal diameters, dn, covered by EN 1452-3 extends from 12 to 710 inclusive. UK water company purchasers may wish to note that when the industry adopted the metric ISO fitting dimensions (as used in BS EN 1452-3) in 1990, for WIS 4-31-07 (withdrawn), it was decided to rationalize on six nominal diameters, specifically 63, 90, 110, 160, 200, 250 and 315 (out of a possible 27 diameters). This decision was reconfirmed in 1994.

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

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Amendments/corrigenda issued since publication

Amd. No.	Date	Comments
11012 Corrigendum No. 1	July 2000	Indicated by a sideline
12006 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 details