

Plastics piping systems — Thermoplastics pipes and fittings for hot and cold water — Test method for the resistance of mounted assemblies to temperature cycling

The European Standard EN 12293:1999 has the status of a
British Standard

ICS 23.040.20; 23.040.45

National foreword

This British Standard is the official English language version of EN 12293:2000.
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.

The responsible UK committee gives the following advice concerning the use and interpretation of this British Standard.

a) In **3.2 a)** and in **3.3** reference is made to “water velocity”. This is residual text from the draft standard which should have been changed to reflect redrafting of **3.1 a)**, of **3.3** and of clause **7** to to remove references to water velocity and/or to relate instead to the specified limits for the temperature variation throughout the test piece. For consistency with the wording of **3.1 a)**, of **3.3** and of **6.2** in EN 12293:1999, it is considered that in **3.2 a)** the words “(see **6.2**)” should now be read as “(see **3.3**)”.

b) In **3.8**, the tensioning device is required to stress the pipe to the stress given in the referring standard. At the time of going to print, neither the referring standards nor this standard provide enough detail to calculate the force needed. In principle, this force could be based on actual pipe dimensions (if so, the detail is required as to how and where it is to be measured) or taken from the referring standard (if this is the case then the standard might choose to require use of nominal or of specified minimum or maximum valves for the thickness and likewise for the diameter; differing results will be obtained depending upon the options specified). If a stress or force has to be quantified, then this standard needs details of the equation to be used relative to specific actual or nominal dimensions of the pipe.

The equation could be based on either type of dimension, taking either worst-case or mid-tolerance values.

This British Standard, having been prepared under the direction of the Sector Committee for Materials and Chemicals, was published under the authority of the Standards Committee and comes into effect on 15 May 2000

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Amendments issued since publication

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