

BRITISH STANDARD

**BS EN ISO
13478 : 1997
BS 2782 :
Part 11 :
Method 1109R :
1997**

**Thermoplastics pipes for the
conveyance of fluids —
Determination of resistance to
rapid crack propagation
(RCP) —
Full-scale test**

The European Standard EN ISO 13478 : 1997 has the status of a
British Standard

ICS 23.040.20

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National foreword

This British Standard is the English language version of EN ISO 13478 : 1997. It is identical with ISO 13478 : 1997.

It is incorporated into BS 2782, *Methods of testing plastics*, Part 11 : *Thermoplastics pipes, fittings and valves*, as Method 1109R : 1997 for association with related test methods for plastics materials and plastics piping components.

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 international/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.

Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled 'International Standards Correspondence Index', or using the 'Find' facility of the BSI Standards Electronic Catalogue.

Warning note 1. In the light of clause 4, *Principle*, and of the notes 1 and 2 which follow clause 6, the BSI Technical Committee considers that, when setting test parameters in accordance with clause 5, the referring product standard may specify the use of a pipe size, pressurizing gas (or water+air) and test pressure which could result in very substantial energy release on failure, such that not only may failed test piece materials and adjacent gravel be projected accordingly, as indicated in note 1 following 10.2, but that a serious risk of fire or explosion may also arise if the pressurized gas is a fuel gas such as natural gas. The BSI Technical Committee considers that any arrangements made to check conformity of the temperatures of the test fluid, the test pipe or the ligament coolant (see 10.2 and associated notes) or to initiate cracking in accordance with 10.3 should not require personnel to approach the vicinity of the pressurized pipe.

Warning note 2. This British Standard, which is identical with ISO 13478 : 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.

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 ISO title page, the EN ISO foreword page, the ISO title page, page ii, pages 1 to 11, a blank page, an inside back cover and a back cover.

Amendments issued since publication

Amd. No.	Date	Text affected

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