

Plastics piping and ducting systems — Thermoplastics spirally-formed structured-wall pipes — Determination of the tensile strength of a seam

The European Standard EN 1979:1999 has the status of a
British Standard

ICS 23.040.20

National foreword

This British Standard is the English language version of EN 1979:1999.

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.

This European Standard is also incorporated into BS 2782-11 *Methods of testing plastics — Part 11: Thermoplastics pipes, fittings and valves*, as Method 1110C:1999, for association with related test methods for plastics materials and plastics piping systems.

It may be used for the revision or amendment of other national standards, 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/specification has been amended or revised to make reference to this method and adjust any requirements as appropriate.

The responsible UK technical committee considers that certain aspects of the text as published could be misleading and require clarification or further attention as follows.

- a) Attention is drawn to the requirement given in 5.1 that the “test piece shall consist of the overall wall thickness (construction height) of the pipe from which it is taken”.
- b) As shown in the plan view in Figure 1, the length of the test piece may include ribs or other features in the vicinity of the seam. In 5.2.2, in the third paragraph it is stated that “individual ribs in the grip area may be removed if needed for a proper attachment of the grips”. Figure 1 includes a section view in which no residual ribs are shown adjacent to the interlocking seam profiles.

The UK technical committee considers that the requirements of 5.1 demand the retention of the overall wall thickness in respect of at least any ribs or other structural features adjacent to the seam, since these may be designed to contribute to the stability of the seam. The committee considers that any removal of ribs to achieve attachment of the grips should be applied at the free ends of the test piece and should not remove the nearest of any such features to the seam. The section view shown in Figure 1 should therefore **not** be taken as indicating that all ribs or profile variations not integral with the interlocking seam profiles may or should be removed from the test piece.

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 using the ‘Find’ facility of the BSI Standards Electronic Catalogue.

WARNING This British Standard, which is identical with EN 1979:1999, 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 performed only by trained personnel.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 5 and a back cover.

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English version

Plastics piping and ducting systems — Thermoplastics spirally-formed structured-wall pipes — Determination of the tensile strength of a seam

Systèmes de canalisations et de gaines en matières
plastiques — Tubes thermoplastiques à paroi
structurée enroulés en hélice — Détermination de
la résistance en traction de la ligne de soudure

Kunststoff-Rohrleitungs- und Schutzrohrsysteme —
Thermoplastische Spiralrohre mit profilierter
Wandung — Bestimmung der Zugfestigkeit einer
Verbindungsnaht

This European Standard was approved by CEN on 28 November 1998.

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