



BSI Standards Publication

Thermoplastics pipes — Determination of tensile properties

Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)

National foreword

This British Standard is the UK implementation of EN ISO 6259-2:2020. It is identical to [ISO 6259-2:2020](#).

The UK participation in its preparation was entrusted to Technical Committee PRI/88/4, Test Methods - Plastic Piping.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Published by BSI Standards Limited 2020

ISBN 978 0 539 02605 4

ICS 23.040.20

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 October 2020.

Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Thermoplastics pipes - Determination of tensile properties - Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly (vinyl chloride) (PVC-C) and high-impact poly (vinyl chloride) (PVC-HI) (ISO 6259-2:2020)

Tubes en matières thermoplastiques - Détermination des caractéristiques en traction - Partie 2: Tubes en poly(chlorure de vinyle) non plastifié (PVC-U), poly(chlorure de vinyle) non plastifié orienté (PVC-O), poly(chlorure de vinyle) chloré (PVC-C) et poly(chlorure de vinyle) à résistance au choc améliorée (PVC-HI) (ISO 6259-2:2020)

Rohre aus Thermoplasten - Bestimmung der Eigenschaften im Zugversuch - Teil 2: Rohre aus weichmacherfreiem Polyvinylchlorid (PVC-U), orientiertem weichmacherfreiem Polyvinylchlorid (PVC-O), chloriertem Polyvinylchlorid (PVC-C) und hochschlagzähem Polyvinylchlorid (PVC-HI) (ISO 6259-2:2020)

This European Standard was approved by CEN on 18 September 2020.

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European foreword

This document (EN ISO 6259-2:2020) has been prepared by Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids" in collaboration with Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of [ISO 6259-2:2020](#) has been approved by CEN as EN ISO 6259-2:2020 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 5, *General properties of pipes, fittings and valves of plastic materials and their accessories — Test methods and basic specifications*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 155, *Plastics piping systems and ducting systems*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 6259-2:1997), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the introduction of PVC-O pipes;
- the correction of cross-references to [ISO 6259-1:2015](http://www.iso.org/standard/6259-1-2015);
- the introduction of stress at break as an additional characteristic to be measured and recorded;
- the addition of extended sampling for pipe dimensions above or equal to 250 mm;
- updated informative annexes.

A list of all parts in the ISO 6259 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.