ICS 23.040.20, 91.140.80 SLOVENSKÁ TECHNICKÁ NORMA Jún 2019

STN	**Potrubné systémy z termoplastov na beztlakové použitie Skúšobná metóda stanovenia odolnosti pri opakovanom pôsobení zvýšenej teploty (ISO 13257: 2018)**	**STN EN ISO 13257** 64 0636

Thermoplastics piping systems for non-pressure applications - Test method for resistance to elevated temperature cycling (ISO 13257:2018)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/19

Obsahuje: EN ISO 13257:2018, ISO 13257:2018

Oznámením tejto normy sa ruší
STN EN ISO 13257 (64 0636) z apríla 2018

128413

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 13257

December 2018

ICS 23.040.20; 91.140.80 Supersedes EN ISO 13257:2017

English Version

Thermoplastics piping systems for non-pressure applications - Test method for resistance to elevated temperature cycling (ISO 13257:2018)

Systèmes de canalisations thermoplastiques pour applications sans pression - Méthode d'essai de résistance à des cycles de température élevée (ISO 13257:2018)

Rohrleitungssysteme aus Thermoplasten für drucklose Anwendungen - Prüfverfahren für die Temperaturbeanspruchbarkeit (ISO 13257:2018)

This European Standard was approved by CEN on 27 October 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN ISO 13257:2018 E

Contents

Page

European foreword

This document (EN ISO 13257:2018) 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 June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

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.

This document supersedes EN ISO 13257:2017.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 13257:2018 has been approved by CEN as EN ISO 13257:2018 without any modification.

INTERNATIONAL STANDARD

ISO 13257

Second edition
2018-11

Thermoplastics piping systems for non-pressure applications — Test method for resistance to elevated temperature cycling

Systèmes de canalisations thermoplastiques pour applications sans pression — Méthode d'essai de résistance à des cycles de température élevée

Reference number
ISO 13257:2018(E)

COPYRIGHT PROTECTED DOCUMENT

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

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).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 1, *Plastics pipes and fittings for soil, waste and drainage (including land drainage)*.

This second edition cancels and replaces the first edition (ISO 13257:2010), which has been technically revised. The major modifications to the previous edition are:

— revision of the Scope to delete the references to application areas "B", "BD" and "UD";

— addition in the Scope of the range of nominal outside diameters of components to which this method is applicable;

— addition of a definition for “sagging”;

— complete review of Clause 6, Test assemblies, in particular distinction between test assemblies including pipes with integral sockets and fittings with socket and spigot (Figure 1) and test assemblies including pipes without integral socket and fittings with sockets (Figure 2) for components $d_n \geq 40$ mm;

— in Clause 7, addition of Figure 4 to illustrate the measuring point of the column of water.

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.

INTERNATIONAL STANDARD **ISO 13257:2018(E)**

Thermoplastics piping systems for non-pressure applications — Test method for resistance to elevated temperature cycling

1 Scope

This document specifies a test method for determining the resistance to elevated temperature cycling of thermoplastics piping systems for non-pressure applications, inside buildings or buried in the ground within the building structure.

This document is applicable to piping systems with components of nominal outside diameters up to and including 200 mm.

Although limited to nominal outside diameters up to and including 200 mm, the test results may be extrapolated to products of larger nominal outside diameters from the same range.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/TS 7024:2005, *Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings — Thermoplastics — Recommended practice for installation*

