

STN	Zostavy ohybných vlnovcových potrubí z nehrdzavejúcej ocele na inštaláciu rozvodu plynu s prevádzkovým tlakom do 0,2 MPa (2 bar)	STN EN 15266 13 0050
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Stainless steel pliable corrugated tubing kits for gas installation pipework with an operating pressure up to 0,2 MPa (2 bar)

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. 03/25

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Oznámením tejto normy sa ruší

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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN 15266

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Supersedes EN 15266:2007

English Version

**Stainless steel pliable corrugated tubing kits for gas
installation pipework with an operating pressure up to
0,2 MPa (2 bar)**

Kits de tuyaux onduleux pliables en acier inoxydable
pour les installations intérieures de gaz avec une
pression de service inférieure ou égale à 0,2 MPa
(2 bar)

Nichtrostende biegbare Wellrohrbausätze für
Gasleitungsanlagen mit einem Arbeitsdruck bis
0,2 MPa (2 bar)

This European Standard was approved by CEN on 18 November 2024.

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.

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

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

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EN 15266:2024 (E)**European foreword**

This document (EN 15266:2024) has been prepared by Technical Committee CEN/TC 342 “Metal hoses, hose assemblies, bellows and expansion joints”, the secretariat of which is held by SNV.

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 2025, and conflicting national standards shall be withdrawn at the latest by June 2025.

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 15266:2007.

In comparison with the previous edition, the following technical modifications have been made:

— operating pressure up to 0,2 MPa (2 bar).

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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

Introduction

This document contains the general safety requirements relating to the safety of persons, animals, and property and the protection of their environment.

The requirements of this document concern designers, manufacturers, suppliers and importers of stainless steel pliable corrugated gas tubing kits for gas installation pipework.

Installation and mandatory strength and tightness tests before commissioning should consider the local application regulations where they exist.

This document is applicable to:

- new installation pipework;
- replacements of existing installations; or
- extensions to existing installations.

Stainless steel pliable corrugated gas tubing kits can be used in conjunction with other approved gas pipework.

This document defines performance requirements for the products to be placed on the European Economic Area EEA.

EN 15266:2024 (E)**1 Scope**

This document specifies the requirements for material, design, manufacture, testing, marking and documentation of stainless steel pliable corrugated gas tubing kits for gas installation pipework with a maximum allowable pressure (PS):

- less than or equal to 0,5 bar within a nominal size range from DN 10 to DN 50 (class 1); and
- less than or equal to 2 bar within a nominal size range from DN 10 to DN 25 (class 2).

This document applies to stainless steel pliable corrugated gas tubing kits used for 1st, 2nd and 3rd family gases (see EN 437) in residential, commercial and industrial gas installations to be installed outdoors or indoors at a temperature range from -20 °C to +60 °C.

This document does not apply to:

- pliable tubing without cover;
- corrugated safety metal hose assemblies for connection to moveable appliances.

NOTE This document does not cover the installation aspects of stainless steel pliable corrugated gas tubing kits.

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.

EN 1363-1:2020, *Fire resistance tests — Part 1: General requirements*

EN 1775:2007, *Gas supply — Gas pipework for buildings — Maximum operating pressure less than or equal to 5 bar — Functional recommendations*

EN 10028-7, *Flat products made of steels for pressure purposes — Part 7: Stainless steels*

EN 10088-3, *Stainless steels — Part 3: Technical delivery conditions for semi-finished products, bars, rods, wire, sections and bright products of corrosion resistant steels for general purposes*

EN 10226-1, *Pipe threads where pressure tight joints are made on the threads — Part 1: Taper external threads and parallel internal threads — Dimensions, tolerances and designation*

EN 10242, *Threaded pipe fitting in malleable cast iron*

EN 12164, *Copper and copper alloys — Rod for free machining purposes*

EN 12165, *Copper and copper alloys — Wrought and unwrought forging stock*

EN 13501-1:2018, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13823, *Reaction to fire tests for building products — Building products excluding floorings exposed to the thermal attack by a single burning item*

EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation (ISO 228-1)*

EN ISO 6509-1, *Corrosion of metals and alloys — Determination of dezincification resistance of copper alloys with zinc — Part 1: Test method (ISO 6509-1)*

EN ISO 7369:2020, *Pipework — Metal hoses and hose assemblies — Vocabulary (ISO 7369:2020)*

EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests (ISO 9227)*

EN ISO 10380:2012, *Pipework — Corrugated metal hoses and hose assemblies (ISO 10380:2012)*

EN ISO 11925-2, *Reaction to fire tests — Ignitability of products subjected to direct impingement of flame — Part 2: Single-flame source test (ISO 11925-2)*

ISO 6957, *Copper alloys — Ammonia test for stress corrosion resistance*

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