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**Cevni sistemi iz polimernih materialov za obnovo podzemnih omrežij za odvodnjavanje in kanalizacijo pod tlakom - 2. del: Oblaganje z neprekinjenimi cevmi (ISO 11297-2:2018)**

Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes (ISO 11297-2:2018)

Kunststoff-Rohrleitungssysteme zur Renovierung von erdverlegten Abwasserdruckleitungen - Teil 2: Rohrstrang-Lining (ISO 11297-2:2018)

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sous pression - Partie 2: Tubage par tuyau continu avec espace annulaire (ISO 11297-2:2018)

**Ta slovenski standard je istoveten z: EN ISO 11297-2:2018**

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**ICS:**

23.040.05	Cevovodi za zunanje sisteme za odpadno vodo in njihovi deli	Pipeline and its parts for external sewage systems
91.140.80	Drenažni sistemi	Drainage systems
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

**SIST EN ISO 11297-2:2018****en**

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EUROPEAN STANDARD

EN ISO 11297-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2018

ICS 23.040.45; 23.040.20; 91.140.80; 93.030

English Version

## Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes (ISO 11297-2:2018)

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sous pression - Partie 2: Tubage par tuyau continu avec espace annulaire (ISO 11297-2:2018)

Kunststoff-Rohrleitungssysteme zur Renovierung von erdverlegten Abwasserdruckleitungen -Teil 2: Rohrstrang-Lining (ISO 11297-2:2018)

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## European foreword

This document (EN ISO 11297-2:2018) has been prepared by Technical Committee ISO/TC 138 “Rehabilitation of pipeline systems” 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of an identical text or by endorsement, at the latest by August 2018, and conflicting national standards shall be withdrawn at the latest by August 2018.

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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INTERNATIONAL  
STANDARD

ISO  
11297-2

First edition  
2018-02

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**Plastics piping systems for renovation  
of underground drainage and  
sewerage networks under pressure —**

**Part 2:  
Lining with continuous pipes**

**iTeh STANDARD PREVIEW**  
*Systemes de canalisations en plastique pour la rénovation des réseaux  
de branchements et de collecteurs d'assainissement enterrés sous  
pression —*  
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Reference number  
ISO 11297-2:2018(E)

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## ISO 11297-2:2018(E)

### 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](http://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](http://www.iso.org/patents)).

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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](http://www.iso.org/iso/foreword.html). (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 138, *Plastics pipes, fittings and valves for the transport of fluids*, Subcommittee SC 8, *Rehabilitation of pipeline systems*.

A list of all parts in the ISO 11297 series, can be found on the ISO website.

## Introduction

This document is part of a system standard for plastics piping systems of various materials used for renovation of existing pipelines in a specified application area. System standards for renovation dealing with the following applications are either available or in preparation:

- ISO 11296, *Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks*;
- ISO 11297, *Plastics piping systems for renovation of underground drainage and sewerage networks under pressure (this application)*;
- ISO 11298, *Plastics piping systems for renovation of underground water supply networks*;
- ISO 11299, *Plastics piping systems for renovation of underground gas supply networks*.

These system standards are distinguished from system standards for conventionally installed plastics piping systems by the requirement to verify certain characteristics in the “as installed” condition, after site processing. This is in addition to verification of characteristics of plastics piping systems “as manufactured”.

Each of the system standards comprises a:

- *Part 1: General*

and all applicable renovation technique family related parts, which for drainage and sewerage networks under pressure include or potentially include the following:

- *Part 2: Lining with continuous pipes* (this document)
- *Part 3: Lining with close-fit pipes* [SIST EN ISO 11297-2:2018](https://standards.iteh.ai/catalog/standards/sist/4daa4e3c-da2d-49d8-ba2e-11297-2-2018)
- *Part 4: Lining with cured-in-place pipes* <https://standards.iteh.ai/catalog/standards/sist/4daa4e3c-da2d-49d8-ba2e-11297-2-2018>
- *Part 5: Lining with discrete pipes*
- *Part 6: Lining with adhesive-backed hoses*

The requirements for any given renovation technique family are specified in Part 1, applied in conjunction with the relevant other part. For example, both ISO 11297-1 and this document, together specify the requirements relating to lining with continuous pipes. For complementary information, see ISO 11295. Not all technique families are pertinent to every area of application and this is reflected in the part numbers included in each system standard.

A consistent structure of clause headings has been adopted for all parts to facilitate direct comparisons across renovation technique families.

[Figure 1](#) shows the common part and clause structure and the relationship between ISO 11297 and system standards for other applications.

[Annex A](#) of this document is normative.