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ICS 23.040.20; 23.040.45; 91.140.80; 93.030

**Plastics piping systems for renovation of underground drainage and sewerage networks under pressure –  
Part 4: Lining with cured-in-place pipes (ISO 11297-4:2018);  
English version EN ISO 11297-4:2018,  
English translation of DIN EN ISO 11297-4:2018-09**

Kunststoff-Rohrleitungssysteme für die Renovierung von erdverlegten  
Abwasserdruckleitungen –  
Teil 4: Vor Ort härtendes Schlauch-Lining (ISO 11297-4:2018);  
Englische Fassung EN ISO 11297-4:2018,  
Englische Übersetzung von DIN EN ISO 11297-4:2018-09

Systèmes de canalisations en plastique pour la rénovation des réseaux de branchements et de collecteurs d'assainissement enterrés sous pression –  
Partie 4: Tubage continu par tubes polymérisés sur place (ISO 11297-4:2018);  
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In case of doubt, the German-language original shall be considered authoritative.

*A comma is used as the decimal marker.*

## **National foreword**

This document (EN ISO 11297-4:2018) 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” (Secretariat: NEN, Netherlands).

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The responsible German body involved in its preparation was *DIN-Normenausschuss Wasserwesen* (DIN Standards Committee Water Practice), Working Committee NA 119-05-37 AA “Renovation, repair and replacement of drains and sewers”.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 11295:2017	DIN EN ISO 11295:2018-06
ISO 11296-4:2018	DIN EN ISO 11296-4:2018-09
DIN EN ISO 11297-1	DIN EN ISO 11297-1:2018-09
ISO 14125:1998	DIN EN ISO 14125:2011-05

## **National Annex NA (informative)**

### **Bibliography**

DIN EN ISO 11295:2018-06, *Classification and information on design and applications of plastics piping systems used for renovation and replacement (ISO 11295:2017)*

DIN EN ISO 11296-4:2018-09, *Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks — Part 4: Lining with cured-in-place pipes (ISO 11296-4:2018)*

DIN EN ISO 11297-1:2018-09, *Plastics piping systems for renovation of underground drainage and sewerage networks under pressure — Part 1: General (ISO 11297-1:2018)*

DIN EN ISO 11297-3, *Plastics piping systems for renovation of underground drainage and sewerage networks under pressure — Part 3: Lining with close-fit pipes*

DIN EN ISO 14125:2011-05, *Fibre-reinforced plastic composites — Determination of flexural properties (ISO 14125:1998 + Cor.1:2001 + Amd.1:2011)*

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English Version

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von erdverlegten Abwasserdruckleitungen - Teil 4:  
Vor Ort härtendes Schlauch-Lining (ISO 11297-4:2018)

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## Contents

	Page
<b>European foreword .....</b>	<b>3</b>
<b>Foreword .....</b>	<b>4</b>
<b>Introduction .....</b>	<b>5</b>
<b>1 Scope .....</b>	<b>7</b>
<b>2 Normative references .....</b>	<b>7</b>
<b>3 Terms and definitions .....</b>	<b>8</b>
<b>4 Symbols and abbreviated terms .....</b>	<b>9</b>
4.1 Symbols .....	9
4.2 Abbreviated terms .....	9
<b>5 Pipes at the “M” stage .....</b>	<b>10</b>
5.1 Materials .....	10
5.2 Characteristics .....	10
5.3 Marking .....	10
<b>6 Fittings at the “M” stage .....</b>	<b>10</b>
<b>7 Ancillary components .....</b>	<b>10</b>
<b>8 Fitness for purpose of the installed lining system at the “I” stage .....</b>	<b>10</b>
8.1 Materials .....	10
8.2 General characteristics .....	11
8.3 Material characteristics .....	11
8.4 Geometric characteristics .....	11
8.4.1 General .....	11
8.4.2 CIPP wall structure .....	11
8.4.3 Wall thickness .....	12
8.5 Mechanical characteristics .....	12
8.5.1 Reference conditions for testing .....	12
8.5.2 Test requirements .....	12
8.6 Physical characteristics .....	14
8.7 Additional characteristics .....	14
8.7.1 Resistance to strain and stress corrosion .....	14
8.7.2 Leak tightness of liner terminations .....	15
8.8 Sampling .....	15
<b>9 Installation practice .....</b>	<b>16</b>
9.1 Preparatory work .....	16
9.2 Storage, handling and transport of pipe components .....	16
9.3 Equipment .....	16
9.4 Installation .....	16
9.5 Process-related inspection and testing .....	16
9.6 Lining termination .....	16
9.7 Reconnections to the existing pipeline system .....	16
9.8 Final inspection and testing .....	16
9.9 Documentation .....	17
<b>Bibliography .....</b>	<b>18</b>