

# ISO 11298-3:2010-03 (E)

## Plastics piping systems for renovation of underground water supply networks - Part 3: Lining with close-fit pipes

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>2</b>
3.1	General .....	2
3.2	Techniques .....	2
3.3	Geometrics .....	2
3.4	Materials .....	2
3.5	Product stages .....	2
3.6	Service conditions .....	2
3.7	Joints .....	3
<b>4</b>	<b>Symbols and abbreviated terms .....</b>	<b>3</b>
4.1	Symbols .....	3
4.2	Abbreviated terms .....	4
<b>5</b>	<b>Pipes at the "M" stage .....</b>	<b>4</b>
5.1	Materials .....	4
5.2	General characteristics .....	4
5.3	Material characteristics .....	4
5.4	Geometric characteristics .....	5
5.5	Mechanical characteristics .....	5
5.6	Physical characteristics .....	5
5.7	Jointing .....	5
5.8	Marking .....	5
<b>6</b>	<b>Fittings at the "M" stage .....</b>	<b>5</b>
<b>7</b>	<b>Ancillary components .....</b>	<b>6</b>
<b>8</b>	<b>Fitness for purpose of the installed lining system at the "I" stage .....</b>	<b>6</b>
8.1	Materials .....	6
8.2	General characteristics .....	6
8.3	Material characteristics .....	6
8.4	Geometric characteristics .....	6
8.5	Mechanical characteristics .....	7
8.6	Physical characteristics .....	8
8.7	Additional characteristics .....	8
8.8	Sampling .....	8
<b>9</b>	<b>Installation practice .....</b>	<b>9</b>
9.1	Preparatory work .....	9
9.2	Storage, handling and transport .....	9
9.3	Equipment .....	9
9.4	Installation .....	10
9.5	Process-related inspection and testing .....	11

<b>Annex A (normative) Factory-folded heat-reverted polyethylene (PE) pipe -- Determination of memory ability .....</b>	<b>12</b>
<b>Bibliography .....</b>	<b>14</b>