

# ISO 11300-3:2026-02 (E)

## Piping systems for rehabilitation of underground drains, sewers and water supply networks - Part 3: Unplasticized poly (vinyl chloride) (PVC-U) material

---

### Contents

Page

Foreword.....	v
Introduction.....	vi
<b>1 Scope.....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions.....</b>	<b>2</b>
3.1 General.....	2
3.2 Terms related to techniques.....	2
3.3 Terms related to characteristics.....	3
3.4 Terms related to product stages.....	4
3.5 Terms related to materials.....	5
<b>4 Symbols and abbreviated terms.....</b>	<b>5</b>
4.1 Symbols.....	5
4.2 Abbreviated terms.....	6
<b>5 Pipes.....</b>	<b>6</b>
5.1 Materials.....	6
5.1.1 General.....	6
5.1.2 Virgin material.....	6
5.1.3 Reprocessable material and recyclable material.....	6
5.2 General characteristics.....	6
5.3 Material characteristics.....	7
5.4 Geometric characteristics.....	7
5.5 Mechanical characteristics.....	7
5.6 Physical characteristics.....	7
5.7 Jointing.....	7
5.8 Marking.....	7
<b>6 Fittings.....</b>	<b>8</b>
6.1 General.....	8
6.2 Marking.....	8
6.3 Regional requirements for fittings.....	8
<b>7 Ancillary components.....</b>	<b>8</b>
<b>8 Fitness for purpose.....</b>	<b>8</b>
8.1 Materials.....	8
8.2 General characteristics.....	8
8.3 Geometric characteristics.....	9
8.4 Mechanical characteristics.....	9
8.5 Sampling.....	9
<b>9 Installation practice.....</b>	<b>9</b>
9.1 Preparatory work.....	9
9.2 Storage, handling and transport of pipes and fittings.....	9
9.3 Equipment.....	10
9.3.1 General.....	10
9.3.2 Pipe skids/rollers and pipe entry guides.....	10
9.3.3 Winching and rod-pulling equipment.....	10
9.3.4 Inspection equipment.....	10
9.3.5 Lifting equipment.....	10

9.4	Installation.....	11
9.4.1	General.....	11
9.4.2	Safety precautions.....	11
9.4.3	Simulated installations.....	11
9.5	Process-related inspection and testing.....	12
9.6	Pipe end termination.....	12
9.7	Reconnection to the existing pipeline system.....	12
9.8	Final inspection and testing.....	12
9.9	Documentation.....	12
<b>Annex A (normative) Additional requirements applicable for lining with Close-fit pipes .....</b>		<b>13</b>
<b>Annex B (informative) Summary of required elements to be included in installation manuals.....</b>		<b>18</b>
<b>Bibliography.....</b>		<b>19</b>