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**

1 Scope **1**

2 Normative references **1**

3 Terms and definitions **2**
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

4 Symbols and abbreviated terms **5**
4.1 Symbols 5
4.2 Abbreviated terms 6

5 Pipes **6**
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

6 Fittings **8**
6.1 General 8
6.2 Marking 8
6.3 Regional requirements for fittings 8

7 Ancillary components **8**

8 Fitness for purpose **8**
8.1 Materials 8
8.2 General characteristics 8
8.3 Geometric characteristics 9
8.4 Mechanical characteristics 9
8.5 Sampling 9

9 Installation practice **9**
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
Annex A (normative) **Additional requirements applicable for lining with Close-fit pipes** **13**
Annex B (informative) **Summary of required elements to be included in installation manuals** **18**
Bibliography **19**