ISO 11296-3:2009-11 (E)

Plastics piping systems for renovation of underground non-pressure drainage and sewerage n etworks - Part 3: Lining with close-fit pipes

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Symbols and abbreviated terms 2

5 Pipes at the "M" stage 2
5.1 Materials 2
5.2 General characteristics 3
5.3 Material characteristics 3
5.4 Geometric characteristics 4
5.5 Mechanical characteristics 4
5.6 Physical characteristics 4
5.7 Jointing 5
5.8 Marking 5

6 Fittings 5

7 Ancillary components 5

8 Fitness for purpose of the installed lining system at the "I" stage 6
8.1 Materials 6
8.2 General characteristics 6
8.3 Material characteristics 6
8.4 Geometric characteristics 6
8.5 Mechanical characteristics 8
8.6 Physical characteristics 8
8.7 Additional characteristics 8
8.8 Sampling 8

9 Installation practice 9
9.1 Preparatory work 9
9.2 Storage, handling and transport of pipes and fittings 9
9.3 Equipment 9
9.4 Installation 10
9.5 Process-related inspection and testing 10
9.6 Lining termination 11
9.7 Reconnection to existing manholes and laterals 11
9.8 Final inspection and testing 11

Annex A (normative) Factory folded heat reverted polyethylene (PE) pipe -- Determination of memory ability 12

Annex B (normative) Folded polyethylene (PE) pipe -- Determination of resistance to circumferential tensile stress at constant temperature 14

Bibliography 19