

ISO 11296-1:2018-02 (E)

Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 1: General

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	7
4.1	Symbols	7
4.2	Abbreviated terms	7
5	Pipes at the "M" stage	8
5.1	Materials	8
5.2	General characteristics	8
5.3	Material characteristics	8
5.4	Geometric characteristics	8
5.5	Mechanical characteristics	8
5.6	Physical characteristics	8
5.7	Jointing	8
5.8	Marking	8
6	Fittings at the "M" stage	9
6.1	Materials	9
6.2	General characteristics	9
6.3	Material characteristics	9
6.4	Geometric characteristics	9
6.5	Mechanical characteristics	9
6.6	Physical characteristics	9
6.7	Jointing	9
6.8	Marking	9
7	Ancillary components	10
8	Fitness for purpose of the installed lining system at the "I" stage	10
8.1	Materials	10
8.2	General characteristics	10
8.3	Material characteristics	10
8.4	Geometric characteristics	10
8.5	Mechanical characteristics	10
8.6	Physical characteristics	11
8.7	Additional characteristics	11
8.8	Sampling	11
8.9	Regional requirements for the installed lining system	11
9	Installation practice	11
9.1	Preparatory work	11
9.2	Storage, handling and transport of pipes and fittings	11
9.3	Equipment	11

9.3.1	General	11
9.3.2	Inspection equipment	12
9.3.3	Lifting equipment	12
9.4	Installation	12
9.4.1	General	12
9.4.2	Safety precautions	12
9.4.3	Simulated installations	12
9.5	Process-related inspection and testing	13
9.6	Lining termination	13
9.7	Reconnection to the existing pipeline system	13
9.8	Final inspection and testing	13
9.9	Documentation	13
	Bibliography	14