

Agricultural irrigation equipment - Emitters and emitting pipe - Specification and test methods

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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 9261:2010 sisaldab Euroopa standardi EN ISO 9261:2010 ingliskeelset teksti.

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English Version

**Agricultural irrigation equipment - Emitters and emitting pipe -
Specification and test methods (ISO 9261:2004)**

Matériel agricole d'irrigation - Distributeurs et tuyaux-
distributeurs - Spécifications et méthodes d'essai (ISO
9261:2004)

Landwirtschaftliche Bewässerungsausrüstung - Tropfer und
Tropfrohre - Anforderungen und Prüfmethode (ISO
9261:2004)

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Foreword

The text of ISO 9261:2004 has been prepared by Technical Committee ISO/TC 23 “Tractors and machinery for agriculture and forestry” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 9261:2010 by Technical Committee CEN/TC 334 “Irrigation techniques” the secretariat of which is held by AENOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2010, and conflicting national standards shall be withdrawn at the latest by July 2010.

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Endorsement notice

The text of ISO 9261:2004 has been approved by CEN as a EN ISO 9261:2010 without any modification.

Contents

Page

Foreword.....	iv
1 Scope.....	1
2 Normative references	1
3 Terms and definitions.....	1
4 Classification.....	4
4.1 Reusability (emitting pipes)	4
4.2 Type of pressure regulation.....	4
4.3 Type of operation at low pressure	5
4.4 Type of emitter connection to the pipe.....	5
4.5 Type of multiple-outlet emitter	5
5 Designation (emitting pipes).....	5
6 Marking.....	5
6.1 Emitting pipe	5
6.2 Emitter	6
6.3 Fittings	6
6.4 Packaging of emitting pipes	6
6.5 Packaging of fittings.....	7
7 Construction and materials.....	7
7.1 General	7
7.2 Dimensions (emitting pipe).....	7
7.3 Materials.....	7
7.4 Fittings (emitting pipe)	7
7.5 Connection to irrigation lateral (in-line emitter).....	8
8 Test specimens and conditions	8
8.1 Test specimens	8
8.2 Order of tests.....	8
8.3 Test conditions.....	8
8.4 Accuracy of measuring devices	8
9 Test methods and requirements	8
9.1 Uniformity of flow rate	8
9.2 Flow rate as a function of inlet pressure	9
9.3 Determination of emitter/emitting unit exponent.....	10
9.4 Dimensions	11
9.5 Resistance to hydraulic pressure	12
9.6 Resistance to tension (emitting pipe)	12
9.7 Resistance to pull-out of joints between fittings and polyethylene reusable emitting pipes	13
9.8 Emitter pull-out.....	13
9.9 Watertightness of the emitter-pipe assembly	14
9.10 Resistance of polyethylene (PE) emitting pipe to environmental stress-cracking	15
10 Data supplied by manufacturer	15
Bibliography	16

Agricultural irrigation equipment — Emitters and emitting pipe — Specification and test methods

1 Scope

This International Standard gives mechanical and functional requirements for agricultural irrigation emitters and emitting pipes, and, where applicable, their fittings, and provides methods for testing conformity with such requirements. It also specifies the data to be supplied by the manufacturer to permit correct information, installation and operation in the field.

It is applicable to emitters, emitting and dripping (trickling) pipes, hoses, including collapsible hoses (“tapes”) and tubing of which the emitting units form an integral part, to emitters and emitting units with or without pressure regulation and with flow rates not exceeding 24 l/h per outlet (except during flushing), and to fittings dedicated to the connection of emitting pipes, hoses and tubing. It is not applicable to porous pipe (pipe that is porous along its entire length), nor does it cover the performance of pipes as regards clogging.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3501, *Assembled joints between fittings and polyethylene (PE) pressure pipes — Test of resistance to pull out*¹⁾

ISO 8796:—²⁾, *Polyethylene PE 32 and PE 40 pipes for irrigation laterals — Susceptibility to environmental stress cracking induced by insert-type fittings — Test method and specification*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

emitter

dripper

device fitted to an irrigation lateral and intended to discharge water in the form of drops or continuous flow at flow rates not exceeding 24 l/h except during flushing

3.2

in-line emitter

emitter intended for installation between two lengths of pipe in an irrigation lateral

1) Requirements for connections of insert-type fittings are to be included in a future edition.

2) To be published. (Revision of ISO 8796:1989)