

საქართველოს სტანდარტი

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პლასტმასის მილგაყვანილობის სისტემები წყლის მიწოდებისათვის,
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English Version

Plastics piping systems for water supply, and for drains and sewers under pressure - Polyethylene (PE) - Part 2: Pipes

Systèmes de canalisations en plastique pour l'alimentation en eau et pour les branchements et les collecteurs d'assainissement avec pression - Polyéthylène (PE) - Partie 2 : Tubes

Kunststoff-Rohrleitungssysteme für die Wasserversorgung und für Entwässerungs- und Abwasserdruckleitungen - Polyethylen (PE) - Teil 2: Rohre

This European Standard was approved by CEN on 10 December 2023.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword		4
Introduction		6
1	Scope.....	7
2	Normative references.....	8
3	Terms and definitions.....	9
4	Symbols and abbreviations	9
5	Material	9
5.1	Compound for pipes.....	9
5.2	Compound for identification stripes.....	9
5.3	External reworked material and recycle	10
6	General characteristics.....	10
6.1	Appearance	10
6.2	Colour	10
6.3	Effect on water quality	10
7	Geometrical characteristics	10
7.1	Measurement of dimensions	10
7.2	Mean outside diameters, out-of-roundness (ovality) and tolerances	11
7.3	Wall thicknesses and related tolerances.....	13
7.4	Coiled pipe.....	16
7.5	Lengths.....	16
8	Mechanical characteristics.....	16
8.1	Conditioning	16
8.2	Requirements.....	16
8.3	Pipe stiffness for vacuum sewer systems.....	21
9	Physical characteristics.....	21
9.1	Conditioning	21
9.2	Requirements.....	21
9.3	Circumferential reversion of pipes with a d_n equal to or greater than 250 mm.....	23
10	Chemical characteristics of pipes in contact with chemicals.....	23
11	Performance requirements.....	23
12	Marking	23
12.1	General.....	23
12.2	Minimum required marking.....	23
12.3	Additional marking.....	24
Annex A (informative) Relationship between PN, S and SDR.....		25
Annex B (normative) Pipes with co-extruded layers		26
B.1	General.....	26
B.2	Material	26
B.3	Geometrical characteristics	26

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

B.4	Mechanical characteristics.....	26
B.5	Physical characteristics.....	26
B.6	Marking.....	27
B.7	Delamination.....	27
B.8	Integrity of the structure	27
Annex C (normative) Pipes with peelable layer		28
C.1	General	28
C.2	Geometrical characteristics.....	28
C.3	Mechanical characteristics.....	28
C.4	Physical characteristics.....	28
C.5	Peelable layer adhesion	28
C.6	Marking.....	29
Annex D (normative) Pipe stiffness for vacuum sewer systems.....		30
Bibliography		31

European foreword

This document (EN 12201-2:2024) has been prepared by Technical Committee CEN/TC 155 “Plastics piping systems and ducting systems”, the secretariat of which is held by NEN.

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 2024, and conflicting national standards shall be withdrawn at the latest by July 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12201-2:2011+A1:2013.

System Standards are based on the results of the work being undertaken in ISO/TC 138, “Plastics pipes, fittings and valves for the transport of fluids”, which is a Technical Committee of the International Organization for Standardization (ISO).

They are supported by separate standards on test methods to which references are made throughout the System Standard.

The System Standards are consistent with general standards on functional requirements and on recommended practice for installation.

EN 12201 consists of the following parts:

- EN 12201-1, *Plastics piping systems for water supply, and for drains and sewers under pressure — Polyethylene (PE) — Part 1: General*;
- EN 12201-2, *Plastics piping systems for water supply, and for drains and sewers under pressure — Polyethylene (PE) — Part 2: Pipes (this document)*;
- EN 12201-3, *Plastics piping systems for water supply, and for drains and sewers under pressure — Polyethylene (PE) — Part 3: Fittings*;
- EN 12201-4, *Plastics piping systems for water supply, and for drains and sewers under pressure — Polyethylene (PE) — Part 4: Valves for water supply systems*;
- EN 12201-5, *Plastics piping systems for water supply, and for drains and sewers under pressure — Polyethylene (PE) — Part 5: Fitness for purpose of the system*;

In addition, the following document provides guidance on the assessment of conformity:

- CEN/TS 12201-7, *Plastics piping systems for water supply, and for drainage and sewerage under pressure — Polyethylene (PE) — Part 7: Guidance for the assessment of conformity*.

The revision of this System Standard has been carried out to add the PE 100-RC type materials with enhanced resistance to slow crack growth. EN 12201-1:2024, Annex C, discusses the performance of this type of material and gives additional information for non-conventional installation techniques. The size range has been increased to 3 000 mm diameter, test methods have been updated, and new test methods have been added for PE 100-RC materials.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

საინფორმაციო ცენტრი საქართველოს სტანდარტების განყოფილება

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