



**SLOVENSKI STANDARD**  
**oSIST prEN 12201-5:2010**  
**01-marec-2010**

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**Cevni sistemi iz polimernih materialov za oskrbo z vodo in za odvodnjavanje in  
kanalizacijo pod tlakom - Polietilen (PE) - 5. del: Ustrežanje zahtevam za  
uporabnost sistema**

Plastics piping systems for water supply, and for drainage and sewerage under pressure  
- Polyethylene (PE) - Part 5: Fitness for purpose of the system

Kunststoff-Rohrleitungssysteme für die Wasserversorgung und für Entwässerungs- und  
Abwasserdruckleitungen - Polyethylen (PE) - Teil 5: Gebrauchstauglichkeit des Systems

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**ICS:**

23.040.20	Cevi iz polimernih materialov	Plastics pipes
91.140.60	Sistemi za oskrbo z vodo	Water supply systems
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

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**DRAFT**  
**prEN 12201-5**

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ICS 23.040.01

Will supersede EN 12201-5:2003, EN 13244-5:2002

English Version

## Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 5: Fitness for purpose of the system

Kunststoff-Rohrleitungssysteme für die Wasserversorgung und für Entwässerungs- und Abwasserdruckleitungen - Polyethylen (PE) - Teil 5: Gebrauchstauglichkeit des Systems

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 155.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN 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 Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## prEN 12201-5:2010 (E)

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## Foreword

This document (prEN 12201-5:2010) has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 12201-5:2003, EN 13244-5:2002.

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).

EN 12201 consists of the following Parts, under the general title *Plastics piping systems for water supply — Polyethylene (PE)*

- *Part 1: General.*
- *Part 2: Pipes.*
- *Part 3: Fittings.*
- *Part 4: Valves.*
- *Part 5: Fitness for purpose of the system (this standard)*
- *Part 7: Guidance for the assessment of conformity (CEN/TS)*

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**prEN 12201-5:2010 (E)****Introduction**

The System Standard, of which this is Part 5, specifies the requirements for a piping system and its components when made from polyethylene (PE). It is intended to be used for water supply intended for human consumption, including the conveyance of raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems, and water for other purposes.

In respect of potential adverse effects on the quality of water intended for human consumption, caused by the product covered by EN 12201:

- a) this standard provides no information as to whether the products may be used without restriction in any of the Member States of the EU or EFTA;
- b) products intended for use in water supply systems must comply, when existing, with national regulations and testing arrangements that ensure fitness for contact with drinking water.

**NOTE** On April 2006, EC Commission set up a revised mandate (M/136) asking CEN to propose harmonised product standards and support standards for test methods which could be used for assessing the fitness for contact with drinking water. In parallel, EC Commission has launched processes for a regulation of construction products (CPR) to be substituted to CP directive (89/106/EC) and for the revision of drinking water directive (98/83/EC). If relevant, when the outputs of these processes will be known, European Product Standards will be amended by the addition of an Annex Z under Mandate M136 which will contain formal references to the applicable requirements. Until such amendments, the current national regulations remain applicable.

Requirements and test methods for components of the piping system are specified in prEN 12201-1:2010, prEN 12201-2:2010, prEN 12201-3:2010 and prEN 12201-4:2009. CEN/TS 12201-7[4] gives guidance for the assessment of conformity.

This Part of EN 12201 covers the characteristics of the fitness for purpose of the system.

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