



SLOVENSKI STANDARD
oSIST prEN 1555-1:2009
01-februar-2009

Cevni sistemi iz polimernih materialov za oskrbo s plinastimi gorivi - Polietilen (PE) - 1. del: Splošno

Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General

Kunststoff-Rohrleitungssysteme für die Gasversorgung - Polyethylen (PE) - Teil 1: Allgemeines

Systèmes de canalisations en plastique pour la distribution de combustibles gazeux - Polyéthylène (PE) - Partie 1: Généralités

Ta slovenski standard je istoveten z: prEN 1555-1

SIST EN 1555-1:2010

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ICS:

01.040.23	V\ [a • \ Á ä c { ä Á ^ • œ } ã Fluid systems and components for general use (Vocabularies)
23.040.01	Deli cevovodov in cevovodi na splošno Pipeline components and pipelines in general
91.140.40	Sistemi za oskrbo s plinom Gas supply systems

oSIST prEN 1555-1:2009

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

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prEN 1555-1

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ICS 01.040.23; 01.040.91; 23.040.01; 91.140.40

Will supersede EN 1555-1:2002

English Version

Plastics piping systems for the supply of gaseous fuels - Polyethylene (PE) - Part 1: General

Systèmes de canalisations en plastique pour la distribution
de combustibles gazeux - Polyéthylène (PE) - Partie 1:
Généralités

Kunststoff-Rohrleitungssysteme für die Gasversorgung -
Polyethylen (PE) - Teil 1: Allgemeines

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
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (prEN 1555-1:2008) 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 1555-1:2002.

It has been prepared in liaison with Technical Committee CEN/TC 234 "Gas supply".

This standard is a part of a System Standard for plastics piping systems of a particular material for a specified application. There are a number of such System Standards.

System Standards are based on the results of the work 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 1555 consists of the following parts, under the general title *Plastics piping systems for the supply of gaseous fuels — Polyethylene (PE)*:

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

NOTE The document dealing with recommended practice for installation which was initially submitted for CEN enquiry as prEN 1555-6 [1] was withdrawn when EN 12007-2 [2], prepared by CEN/TC 234 "Gas supply", was published with the title "Gas supply systems - Pipelines for maximum operating pressure up to and including 16 bar - Part 2: Specific functional recommendations for polyethylene (MOP up to and including 10 bar)".

prEN 1555-1:2008 (E)

Introduction

The System Standard, of which this is Part 1, specifies the requirements for a piping system and its components made from polyethylene (PE) and which is intended to be used for the supply of gaseous fuels.

Requirements and test methods for components of the piping system are specified in prEN 1555-2:2008, prEN 1555-3:2008 and prEN 1555-4:2008. Characteristics for fitness for purpose are covered in prEN 1555-5:2008. CEN/TS 1555-7 gives guidance for assessment of conformity. Recommended practice for installation is given in EN 12007-2, prepared by CEN/TC 234.

This part of EN 1555 covers the general aspects of the plastics piping system.

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