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Gaasivarustussüsteemid. Torustikud maksimaalse töörõhuga kuni 16 bar, kaasa arvatud. Osa 2: Erisoovitused polüetüleentorustikele (MOP ≤ 10 bar)

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)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12007-2:2000 sisaldab Euroopa standardi EN 12007-2:2000 ingliskeelset teksti.	This Estonian standard EVS-EN 12007-2:2000 consists of the English text of the European standard EN 12007-2:2000.
Käesolev dokument on jõustatud 17.07.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 17.07.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 12007-2

January 2000

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English version

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)

Systèmes d'alimentation en gaz - Canalisations pour pression maximale de service inférieure ou égale à 16 bar - Partie 2: Recommandations fonctionnelles spécifiques pour le polyéthylène (MOP inférieure ou égale à 10 bar)

Gasversorgungssysteme - Rohrleitungen mit einem maximal zulässigen Betriebsdruck bis einschließlich 16 bar - Teil 2: Besondere funktionale Empfehlungen für Polyethylen (MOP bis einschließlich 10 bar)

This European Standard was approved by CEN on 9 April 1999.

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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 Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 234 "Gas supply", the secretariat of which is held by DIN.

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 2000, and conflicting national standards shall be withdrawn at the latest by July 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

There is a complete suite of functional standards prepared by CEN/TC 234 "Gas Supply" to cover all parts of the gas supply system from the input of gas to the transport system up to the inlet connection of the gas appliances,whether for domestic, commercial or industrial purposes.

In preparing this standard a basic understanding of gas supply by the user has been assumed.

Gas supply systems are complex and the importance on safety of their construction and use has led to the development of very detailed codes of practice and operating manuals in the member countries. These detailed statements embrace recognised standards of gas engineering and the specific requirements imposed by the legal structures of the member countries.

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1 Scope

This standard describes the specific functional recommendations for polyethylene (PE) pipelines in addition to the general functional recommendations of EN 12007-1 for:

a) a maximum operating pressure (MOP) up to and including 10 bar;

b) an operating temperature between -20 °C and +40 °C.

This European Standard specifies common basic principles for gas supply systems. Users of this European Standard should be aware that more detailed national standards and/or codes of practice can exist in the CEN member countries.

This European Standard is intended to be applied in association with these national standards and/or codes of practice setting out the above mentioned basic principles.

2 Normative references

This European Standard incorporates by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 1555-1	Plastics piping systems for gaseous fuels supply - Polyethylene (PE) - Part 1: General
prEN 1555-2	Plastics piping systems for gaseous fuels supply - Polyethylene (PE) - Part 2: Pipes
prEN 1555-3	Plastics piping systems for gaseous fuels supply - Polyethylene (PE) - Part 3: Fittings
prEN 1555-4	Plastics piping systems for gaseous fuels supply - Polyethylene (PE) - Part 4: Valves
prEN 1555-5	Plastics piping systems for gaseous fuels supply - Polyethylene (PE) - Part 5: Fitness for purpose of the system
EN 12007-1	Gas supply systems - Pipelines for maximum operating pressure up to and including 16 bar - Part 1: General functional recommendations
EN 12327	Gas supply systems - Pressure testing, commissioning and decommissioning procedures - Functional requirements
ISO 12176-1	Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 1: Butt fusion
ISO/DIS 12176-2	Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 2: Electrofusion

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