



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 1555-7:2003

ICS 23.040.01
91.140.40

**PLASTICS PIPING SYSTEMS FOR THE
SUPPLY OF GASEOUS FUELS -
POLYETHYLENE (PE) - PART 7: GUIDANCE
FOR THE ASSESSMENT OF
CONFORMITY**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
August 29, 2003*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2003

Price Code I

Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 1555-7

April 2003

ICS 23.040.01; 91.140.40

English version

Plastics piping systems for the supply of gaseous fuels -
Polyethylene (PE) - Part 7: Guidance for the assessment of
conformity

Systèmes de canalisations en plastiques pour la
distribution de combustibles gazeux - Polyéthylène (PE) -
Partie 7: Guide pour l'évaluation de la conformité

Kunststoff-Rohrleitungssysteme für die Gasversorgung -
Polyethylen (PE) - Teil 7: Empfehlungen für die Beurteilung
der Konformität

This Technical Specification (CEN/TS) was approved by CEN on 25 November 2002 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions, symbols and abbreviations	6
3.1 Terms and definitions	6
3.2 Abbreviations.....	8
4 Requirements	9
4.1 General.....	9
4.2 Testing and inspection	9
4.3 Technical file	24
Annex A (normative) Change of compound	25
A.1 General.....	25
A.2 Change.....	25
A.3 Type testing required for re-evaluation	25
Bibliography	27

Foreword

This document (CEN/TS 1555-7:2003) has been prepared by Technical Committee CEN /TC 155, "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

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

This Technical Specification can be used to support elaboration of national third party certification procedures for products conforming to the applicable Parts of EN 1555.

This Technical Specification 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*
- *Part 2: Pipes*
- *Part 3: Fittings*
- *Part 4: Valves*
- *Part 5: Fitness for purpose of the system*
- *Part 7: Guidance for assessment of conformity (this Technical Specification).*

NOTE The document dealing with recommended practice for installation which was initially submitted for CEN enquiry as prEN 1555-6 was withdrawn when EN 12007-2^[1], 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)*".

This document includes the following:

- Annex A (normative) Change of compound
- Bibliography.

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

CEN/TS 1555-7:2003 (E)

Introduction

The System Standard, of which this is Part 7, specifies the requirements for a piping system and its components made from polyethylene (PE) and is intended to be used for the supply of gaseous fuels.

Requirements and test methods for material and components of the piping system are specified in EN 1555-1, EN 1555-2, EN 1555-3 and EN 1555-4. Characteristics for fitness for purpose are covered in EN 1555-5. Recommended practice for installation is given in EN 12007-2 ^[1] prepared by CEN/TC 234.

This Part of EN 1555 gives guidance to procedures and requirements for the assessment of conformity of materials, components, joints and is intended to be used by manufacturers, inspection bodies, testing laboratories and certification bodies.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-