



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 1456-2:2003

ICS 23.040.01
93.030

**PLASTICS PIPING SYSTEMS FOR BURIED
AND ABOVE-GROUND DRAINAGE
AND SEWERAGE UNDER PRESSURE -
UNPLASTICIZED POLY(VINYL
CHLORIDE) (PVC-U) - PART 2: GUIDANCE
FOR THE ASSESSMENT OF
CONFORMITY**

National Standards
Authority of Ireland
Dublin 9
Ireland

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

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TECHNICAL SPECIFICATION
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TECHNISCHE SPEZIFIKATION

CEN/TS 1456-2:2003

April 2003

ICS 23.040.01, 93.030

English version

Plastics piping systems for buried and above-ground drainage
and sewerage under pressure - Unplasticized poly(vinyl
chloride) (PVC-U) - Part 2: Guidance for the assessment of
conformity

Systèmes de canalisations en plastiques pour
branchements et collecteurs d'assainissement enterrés et
aériens avec pression - Poly(chlorure de vinyle) non
plastifié (PVC-U) - Partie 2: Guide pour l'évaluation de la
conformité

Kunststoff-Rohrleitungssysteme für erdverlegte und nicht
erdverlegte Abwasserdruckleitungen - Weichmacherfreies
Polyvinylchlorid (PVC-U) - Teil 2: Empfehlungen für die
Beurteilung der Konformität

This Technical Specification (CEN/TS) was approved by CEN on 29 February 2003 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.

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

CEN/TS 1456-2:2003 (E)

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Foreword

This document (CEN/TS 1456-2:2003) has been prepared by Technical Committee CEN /TC 155, "Plastics piping systems and ducting systems" the secretariat of which is held by NEN.

This specification can be used to support elaboration of national third party certification procedures for products conforming to EN 1456-1.

This 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 1456 consists of the following Parts, under the general title *Plastics piping systems for buried and above-ground drainage and sewerage under pressure — Unplasticized poly(vinyl chloride) (PVC-U)*

- *Part 1: Specifications for piping components and the system*
- *Part 2: Guidance for the assessment of conformity (this specification).*

This Technical Specification includes a Bibliography.

At the date of publication of this specification, Systems Standards for piping systems of other plastics materials used for the same application are the following:

NOTE: All listed System Standards have reached the Enquiry stage or are under preparation.

prEN 13244, *Plastics piping systems for buried and above-ground pressure systems for water of general purposes, drainage and sewerage — Polyethylene (PE)*

prEN 14364, *Plastics piping systems for drainage and sewerage with or without pressure — Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP)*

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 1456-2:2003 (E)

Introduction

The System Standard, of which this is Part 2, specifies the requirements for a piping system and its components when made from unplasticized poly(vinyl chloride) (PVC-U). The piping system is intended to be used for buried and above-ground drainage and sewerage under pressure.

For material, piping components and their fitness for purpose requirements and test methods are specified in EN 1456-1.

This Part of EN 1456 gives guidance for the assessment of conformity of products covered by EN 1456-1. It can be used integrally and/or be used for inclusion of conformity assessment in the manufacturer's quality plan as part of the quality system for attestation purposes. The use of this Technical Specification does not necessarily imply the involvement of a third party.

It can also be used to support the elaboration of national third party certification procedures for products conforming to EN 1456-1. It is the responsibility of the manufacturer to choose or not to choose for the involvement of a third party for certification purposes.

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