

**Plastist torustiku- ja kanalisüsteemid.
Termoplasttorud. Ringelastsuse
kindlaksmääramine**

Plastics piping and ducting systems - Thermoplastics
pipes - Determination of ring flexibility

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 13968:2008 sisaldab Euroopa standardi EN ISO 13968:2008 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 15.12.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.10.2008.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 13968:2008 consists of the English text of the European standard EN ISO 13968:2008.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 15.12.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 15.10.2008.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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Võtmesõnad: kindlaksmääramine, paindeteimid, painduvus, plasttorud, termoplastvaigud, testimine

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English Version

Plastics piping and ducting systems - Thermoplastics pipes -
Determination of ring flexibility (ISO 13968:2008)

Systèmes de canalisations et de gaines en matières
plastiques - Tubes en matières thermoplastiques -
Détermination de la flexibilité annulaire (ISO 13968:2008)

Kunststoff-Rohrleitungs- und Schutzrohrsysteme - Rohre
aus Thermoplasten - Bestimmung der Ringflexibilität (ISO
13968:2008)

This European Standard was approved by CEN on 14 October 2008.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 13968:2008) has been prepared by Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids" in collaboration with Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems" the secretariat of which is held by NEN.

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 April 2009, and conflicting national standards shall be withdrawn at the latest by April 2009.

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Endorsement notice

The text of ISO 13968:2008 has been approved by CEN as a EN ISO 13968:2008 without any modification.

Plastics piping and ducting systems — Thermoplastics pipes — Determination of ring flexibility

1 Scope

This International Standard specifies a method for testing the ring flexibility of a thermoplastics pipe having a circular cross-section.

The method enables determination of the deflection, and necessary force, at which physical damage, if any, occurs within the specified diametric deflection.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9969, *Thermoplastics pipes — Determination of ring stiffness*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

ring flexibility

ability of a pipe to resist ring diametric deflection without loss of structural integrity

[EN 13476-1:2007, 3.1.2.10]

4 Principle

The ring flexibility of a pipe is tested by measuring the force and the deflection while deflecting a ring section from the pipe diametrically at a constant speed until at least the specified deflection is achieved or prior fracture has occurred.

Each test piece is monitored during testing and subsequently inspected for signs of several specific types of mechanical failure.

NOTE It is assumed that the following test parameters are set by the standard making reference to this International Standard:

- a) if appropriate, a greater length of the test pieces than the length specified in ISO 9969, see Clause 6;
- b) the deflection, if appropriate, see 8.1.