

**Plasttorustikusüsteemid. Termoplasttorud.
Sisemisele survele vastupidavuse määramine
konstantsel temperatuuril**

Thermoplastics pipes, fittings and assemblies for
the conveyance of fluids - Determination of the
resistance to internal pressure - Part 4:
Preparation of assemblies

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 1167-4:2008 sisaldab Euroopa standardi EN ISO 1167-4:2007 ingliskeelset teksti. Standard on kinnitatud Eesti Standardikeskuse 28.01.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas. Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.11.2007. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 1167-4:2008 consists of the English text of the European standard EN ISO 1167-4:2007. This standard is ratified with the order of Estonian Centre for Standardisation dated 28.01.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation. Date of Availability of the European standard text 01.11.2007. The standard is available from Estonian standardisation organisation.
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English Version

Thermoplastics pipes, fittings and assemblies for the
conveyance of fluids - Determination of the resistance to internal
pressure - Part 4: Preparation of assemblies (ISO 1167-4:2007)

Tubes, raccords et assemblages en matières
thermoplastiques pour le transport des fluides -
Détermination de la résistance à la pression interne - Partie
4: Préparation des assemblages (ISO 1167-4:2007)

Rohre, Formstücke und Bauteilkombinationen aus
thermoplastischen Kunststoffen für den Transport von
Flüssigkeiten - Bestimmung der Widerstandsfähigkeit
gegen inneren Überdruck - Teil 4: Vorbereitung der
Bauteilkombinationen (ISO 1167-4:2007)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 1167-4:2007) 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 May 2008, and conflicting national standards shall be withdrawn at the latest by May 2008.

This document supersedes EN 921:1994.

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

Endorsement notice

The text of ISO 1167-4:2007 has been approved by CEN as a EN ISO 1167-4:2007 without any modification.

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Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure —

Part 4: Preparation of assemblies

1 Scope

This part of ISO 1167 specifies the procedure for the preparation of both end-load-bearing and non-end-load-bearing assemblies, for the determination of their resistance to internal hydrostatic pressure according to ISO 1167-1.

NOTE The assemblies consist of a selection of pipes, fittings, valves, fusion joints or adhesively bonded joints.

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 1167-1, *Thermoplastics pipes, fittings and assemblies for the conveyance of fluids — Determination of the resistance to internal pressure — Part 1: General method*

ISO 3126, *Plastics piping systems — Plastics components — Determination of dimensions*

ISO 11413, *Plastics pipes and fittings — Preparation of test piece assemblies between polyethylene (PE) pipe and electrofusion fitting*

ISO 11414, *Plastics pipes and fittings — Preparation of polyethylene (PE) pipe/pipe or pipe/fitting test piece assemblies by butt fusion*

EN 1066, *Adhesives — Sampling*

EN 1067, *Adhesives — Examination and preparation of samples for testing*

3 Principle

Test pieces comprising a selection of pipes, fittings, valves, fusion joints or adhesively bonded joints connected to form a pressure-resistant assembly are conditioned at the specified test temperature and then subjected to the internal hydrostatic pressure according to ISO 1167-1 for a specified period of time, or until the test piece(s) fail(s).

The number of test pieces, conditioning and details of the test report are as given in ISO 1167-1.