

**Vedelike teisaldamiseks ettenähtud
polüolefiintorud. Pragude levimisele
vastupidavuse kindlaksmääramine. Pragude
aeglase levimise katsemeetod sälgatud
torudel (sälkamiskatse)**

Polyolefin pipes for the conveyance of fluids -
Determination of resistance to crack propagation -
Test method for slow crack growth on notched pipes
(notch test)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 13479:1999 sisaldab Euroopa standardi EN ISO 13479 ingliskeelset teksti. Käesolev dokument on jõustatud 12.12.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 13479:1999 consists of the English text of the European standard EN ISO 13479. This document is endorsed on 12.12.1999 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: Käesolev standard esitab testimismeetodi pragunemise aeglasele levimisele vastupidavuse kindlaksmääramiseks polüolefiintorudel. Vastupidavus on väljendatud ajaga, mis kulub toru välispinnale mehaaniliselt tekitatud pikisuunaliste sälkude korral hüdrostaatilise surveteimi tulemuste mittevastuvõetavaks tunnistamiseks. Test kehtib torudele seinapaksusega rohkem kui 5 mm.	Scope:
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ICS 23.040.20

Võtmesõnad: kindlaksmääramine, plasttorud, polüolefiinid, pragunemine (murdumine), pragunemismistugevus, pragunemistestid, prao levimine, termoplastvaigud, testimine, testisaruanne, torud, vedelikutorustikud

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Descriptors: Pipes, polyolefins, resistance to crack growth, testing.

English version

Polyolefin pipes for the conveyance of fluids

Determination of resistance to crack propagation – Test method for slow crack growth on notched pipes (notch test)
(ISO 13479 : 1997)

Tubes en polyoléfines pour le transport des fluides – Résistance à la propagation de la fissure – Méthode d'essai de la propagation lente de la fissure d'un tube entaillé (essai d'entaille) (ISO 13479 : 1997)

Rohre aus Polyolefinen für den Transport von Fluiden – Bestimmung des Widerstandes gegenüber Rißfortpflanzung – Prüfverfahren für langsames Rißwachstum an gekerbten Rohren (Kerbprüfung)
(ISO 13479 : 1997)

This European Standard was approved by CEN on 1997-03-17.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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.

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

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

International Standard

ISO 13479 : 1997 Polyolefin pipes for the conveyance of fluids – Determination of resistance to crack propagation – Test method for slow crack growth on notched pipes (notch test),

which was prepared by ISO/TC 138 'Plastics pipes, fittings and valves for the transport of fluids' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 155 'Plastics piping systems and ducting systems'.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by November 1997 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 13479 : 1997 was approved by CEN as a European Standard without any modification.

1 Scope

This International Standard specifies a method of test for determining the resistance to slow crack growth of polyolefin pipes, expressed in terms of time to failure in a hydrostatic pressure test on a pipe with machined longitudinal notches in the outside surface. The test is applicable to pipes of wall thickness greater than 5 mm.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 161-1:1996, *Thermoplastics pipes for the conveyance of fluids — Nominal outside diameters and nominal pressures — Part 1: Metric series.*

ISO 1167:1996, *Thermoplastics pipes for the conveyance of fluids — Resistance to internal pressure — Test method.*

ISO 6108:1978, *Double equal angle cutters with plain bore and key drive.*

ISO 11922-1:1997, *Thermoplastics pipes for the conveyance of fluids — Dimensions and tolerances — Part 1: Metric series.*

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 161-1 and ISO 11922-1 apply.

4 Principle

Lengths of pipe with four machined longitudinal external notches are subject to a constant-pressure hydrostatic pressure test whilst immersed in a water tank at 80 °C. The time to failure is recorded.