

SÕELAD

Tehnilised nõuded ja katsetamine

Osa 1: Metallist traatvõrksõelad

Test sieves

Technical requirements and testing

**Part 1: Test sieves of metal wire cloth
(ISO 3310-1:2000)**

EVS

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

See Eesti standard EVS-ISO 3310-1:2013 „Sõelad. Tehnilised nõuded ja katsetamine. Osa 1: Metallist traatvõrksõelad“ sisaldab rahvusvahelise standardi ISO 3310-1:2000 „Test sieves - Technical requirements and testing - Part 1: Test sieves of metal wire cloth“ ja selle paranduse ISO 3310-1:2000/Cor 1:2004 identset ingliskeelset teksti.

Ettepaneku rahvusvahelise standardi ümbertrüki meetodil ülevõtuks on esitanud EVS/TK 1, standardi avaldamist on korraldanud Eesti Standardikeskus.

Standard EVS-ISO 3310-1:2013 on jõustunud sellekohase teate avaldamisega EVS Teataja 2013. aasta augustikuu numbris.

Standard on kättesaadav Eesti Standardikeskusest.

This Estonian Standard EVS-ISO 3310-1:2013 consists of the identical English text of the International Standard ISO 3310-1:2000 „Test sieves - Technical requirements and testing - Part 1: Test sieves of metal wire cloth“ and its Corrigendum ISO 3310-1:2000/Cor 1:2004.

Proposal to adopt the International Standard by reprint method has been presented by EVS/TK 1, the Estonian standard has been published by the Estonian Centre for Standardisation.

This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.

The standard is available from the Estonian Centre for Standardisation.

Käsitlusala

Standardi ISO 3310 see osa määrab tehnilised nõuded ja vastavad katsemeetodid metallist traatvõrksõeladele.

See kehtib sõeladele ava suurusega 125 mm kuni 20 µm vastavalt standardile ISO 565.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 19.120

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 3310 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 3310-1 was prepared by Technical Committee ISO/TC 24, *Sieves, sieving and other sizing methods*, Subcommittee SC 1, *Test sieves, test sieving*.

This fourth edition cancels and replaces the third edition (ISO 3310-1:1990), of which it constitutes a technical revision.

ISO 3310 consists of the following parts, under the general title *Test sieves — Technical requirements and testing*:

- *Part 1: Test sieves of metal wire cloth*
- *Part 2: Test sieves of perforated metal plate*
- *Part 3: Test sieves of electroformed sheets*

Annexes A and B of this part of ISO 3310 are for information only.

EVS

Introduction

As the accuracy of test sieving depends on the dimensional accuracy of the test sieve openings, it is considered necessary in this part of ISO 3310 to keep the tolerances on the apertures in metal wire cloth as close as possible.

Requirements other than tolerances on the apertures, such as requirements for the wire diameter, have not been limited more closely than necessary, since the influence of these criteria on test sieving is of minor importance, and excessively strict requirements may make manufacturing unnecessarily difficult.

EVS

Test sieves — Technical requirements and testing —

Part 1: Test sieves of metal wire cloth

1 Scope

This part of ISO 3310 specifies the technical requirements and corresponding test methods for test sieves of metal wire cloth.

It applies to test sieves having aperture sizes from 125 mm down to 20 μm , in accordance with ISO 565.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 3310. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 3310 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 565:1990, *Test sieves — Metal wire cloth, perforated metal plate and electroformed sheet — Nominal sizes of openings*.

ISO 2395:1990, *Test sieves and test sieving — Vocabulary*.

ISO 2591-1:1988, *Test sieving — Part 1: Methods using test sieves of woven wire cloth and perforated metal plate*.

3 Terms and definitions

For the purposes of this part of ISO 3310, the terms and definitions given in ISO 2395 apply.

4 Designation

4.1 Test sieves of metal wire cloth shall be designated by the nominal size of the apertures of the metal wire cloth.

4.2 Nominal aperture sizes of 1 mm and above shall be expressed in millimetres (mm); nominal aperture sizes below 1 mm shall be expressed in micrometres (μm).

5 Metal wire cloth

5.1 Requirements

Aperture tolerances and wire diameters shall be as specified in Tables 1 and 2.