

INTERNATIONAL  
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**Industrial woven wire cloth — Technical  
requirements and testing**

*Tissus métalliques industriels — Exigences techniques et vérifications*



Reference number  
ISO 9044:1999(E)

## 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.

International Standard ISO 9044 was prepared by Technical Committee ISO/TC 24, *Sieves, sieving and other sizing methods*, Subcommittee SC 3, *Industrial wire screens*.

This second edition cancels and replaces the first edition (ISO 9044:1990) of which it constitutes a technical revision.

Annex A of this International Standard is for information only.

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# Industrial woven wire cloth — Technical requirements and testing

## 1 Scope

This International Standard defines terms regarding industrial woven wire cloth for screening purposes and specifies tolerances, requirements and test methods.

It applies to industrial woven wire cloth with square apertures, made of steel, stainless steel or non-ferrous metals, (see ISO 4783-2). It does not apply to woven wire cloth coated after weaving nor does it apply to pre-crimped and welded wire screens which are covered in ISO 4783-3 and ISO 14315.

It is of limited application to woven wire cloth used for purposes other than screening which may necessitate other requirements. The alternative requirements may be agreed between the purchaser and the supplier at the time of placing the order.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. 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 the ISO/IEC Directives 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 the IEC and ISO maintain registers of currently valid International Standards.

ISO 2194:1991, *Industrial screens — Woven wire cloth, perforated plate and electroformed sheet — Designation and nominal sizes of openings.*

ISO 4782:1987, *Metal wire for industrial wire screens and woven wire cloth.*

ISO 4783-1:1989, *Industrial wire screens and woven wire cloth — Guide to the choice of aperture size and wire diameter combinations — Part 1: Generalities.*

ISO 4783-2:1989, *Industrial wire screens and woven wire cloth — Guide to the choice of aperture size and wire diameter combinations — Part 2: Preferred combinations for woven wire cloth.*

## 3 Terms and definitions

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

### 3.1 aperture width

*w*

distance between two adjacent warp or weft wires, measured in the projected plane at the mid-positions

NOTE See Figure 1.