
**Photography — Industrial radiographic
films (roll and sheet) and metal intensifying
screens — Dimensions**

*Photographie — Films radiographiques industriels (rouleaux et feuilles) et
écrans intensificateurs en métal — Dimensions*

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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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 5655 was prepared by Technical Committee ISO/TC 42, *Photography*.

This third edition cancels and replaces the second edition (ISO 5655:1993), of which it constitutes a technical revision based upon ANSI/BAPM IT1.15-1994.

Annex A of this International Standard is for information only.

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Photography — Industrial radiographic films (roll and sheet) and metal intensifying screens — Dimensions

1 Scope

This International Standard specifies the preferred and recognized sizes and cutting dimensions of industrial radiographic roll and sheet films and metal intensifying screens. It also specifies package markings.

The shaping of the corners of screens is not specified.

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 International Standard 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 1:1975, *Standard reference temperature for industrial length measurements*.

ISO 554:1976, *Standard atmospheres for conditioning and/or testing — Specifications*.

3 Conditions for measurement of dimensions

The dimensions and tolerances specified in this International Standard apply at the time of manufacture, measured under atmospheric conditions of (23 ± 2) °C and (50 ± 5) % relative humidity, as specified in ISO 554.

Dimensions may be altered by a permanent shrinkage due to aging and by a temporary shrinkage or swell due to changes in moisture content or temperature. Normally, dimensionally stable polyester base is used for these film products, and there should be no departure from the specified dimensions by more than 0,05 % greater than the maximum dimension and – 0,08 % less than the minimum dimension at the time of opening the package.

All measuring-instrument calibrations shall be conducted at a temperature of 20 °C, as specified in ISO 1, and a relative humidity of 50 %.

4 Films in rolls

4.1 Width of rolls

4.1.1 Preferred widths

Roll widths of preferred sizes shall conform to the values given in Table 1.