
**Photography — Rolls of sensitized material
for the pre-press industry — Dimensions
and related requirements**

*Photographie — Rouleaux de matériau sensible pour l'industrie de
préimpression — Dimensions et exigences connexes*

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ISO 3772:2000(E)

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

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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 3772 was prepared by Technical Committee ISO/TC 42, *Photography*.

This third edition of ISO 3772 cancels and replaces the second edition (ISO 3772:1991), and ISO 6407:1992, *Photography — Film dimensions — Graphic arts*; ISO 6408:1991, *Photography — Paper dimensions — Rolls for photocomposition*; and ISO 11313:1994, *Photography — Disposable cassettes containing photocomposition film and paper — Dimensions and related requirements*. These have been combined and revised, featuring a new emphasis on general cutting rules as opposed to listing all known sizes specifically.

The combination of these International Standards into a single International Standard results in a tightening of specified tolerances for certain sizes and applications.

This International Standard replaces a number of standards relating to rolls of sensitized material for the pre-press industry. It features a simplified set of rules for dimensioning new sizes. It is hoped that the use of this International Standard will promote the compatibility of sensitized material and equipment.

Annex A of this International Standard is for information only.

Photography — Rolls of sensitized material for the pre-press industry — Dimensions and related requirements

1 Scope

This International Standard specifies the dimensions of sensitized materials, cores and disposable cassettes, and describes package marking for sensitized materials, including those for electronic scanners or image-setting devices and those materials supplied in disposable cassettes.

It is applicable to photographic sensitized materials in rolls for use in the pre-press industry.

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 Term and definition

For the purposes of this International Standard, the following term and definition applies.

3.1

pre-press

that part of the printing or publishing process preceding preparation of a printing plate

NOTE It includes those applications previously defined as graphic arts, image-setting, photocomposition and scanner output.

4 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.

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