

INTERNATIONAL STANDARD

ISO
3772

Second edition
1991-05-15

Photography — Film dimensions — Rolls for photocomposition

*Photographie — Dimensions des films — Rouleaux pour appareils de
photocomposition*



Reference number
ISO 3772:1991(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.

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

This second edition cancels and replaces the first edition (ISO 3772:1976), which has been technically revised.

Annexes A, B and C of this International Standard are for information only.

Introduction

The rapid growth of phototypesetting and photolettering technology and the absence of definitive national standards has resulted in a proliferation of equipment and photographic product sizes.

To minimize this proliferation and to encourage a reduction in the total number of film sizes currently in use, this International Standard lists preferred and recognized sizes of film. It is hoped that, with the co-operation of photographic goods and equipment manufacturers, the recognized sizes can be withdrawn and only the preferred sizes be used. However, because this is a dynamic and growing industry, guidelines have been established for calculating the dimensions of new film sizes which may be required as a result of future innovations.

This document is a preview generated by EVS

This page intentionally left blank

Photography — Film dimensions — Rolls for photocomposition

1 Scope

This International Standard specifies the nominal and slitting widths with their tolerances, of photographic films in rolls, intended to be used on phototypesetting and photolettering devices.

It also specifies preferred core dimensions, winding orientation and package marking.

Film lengths are not specified, but annex A gives a series of nominal film lengths as a guide for equipment manufacturers.

This International Standard applies to unperforated film. However, since some older equipment still requires perforated material, perforating specifications appear in annex B. Equipment manufacturers are strongly encouraged to design future equipment to accept only unperforated rolls.

The corresponding International Standard for papers is ISO 6408.

In this International Standard, metric units are prime.

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 stan-

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

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

ISO 6408:1990, *Photography — Paper dimensions — Rolls for photocomposition*.

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 $(23 \pm 2)^\circ\text{C}$ and $(50 \pm 5)\%$ relative humidity, as specified in ISO 554¹⁾ (see annex C).

4 Width of rolls

4.1 Preferred widths

Slitting widths for preferred widths, and their tolerances, shall conform to the values given in table 1.

1) All measuring instrument calibrations should be referred to a temperature of 20°C (as specified in ISO 1) and a relative humidity of 50 %.