

Implementation of
ISO 9923:1994

Micrographics — Transparent A6 microfiche — Image arrangements

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Information and Documentation Standards Policy Committee (DOT/-) to Technical Committee DOT/16, upon which the following bodies were represented:

- British Computer Society
- British Library
- British Office Technology Manufacturers Alliance
- British Photographic Association
- Computer Graphics Suppliers' Association
- Cranfield Imaging and Document Management User Group
- Her Majesty's Stationery Office
- KODAK Limited
- Library Association
- London Borough of Bromley
- National Centre for Information Media and Technology (Cimtech)
- Records Management Society
- United Kingdom Association for Information and Image Management

The following bodies were also presented in the drafting of the standard, through subcommittees and panels:

- Association of Phtographic Technicians
- Federation of the Electronics Industry
- Ministry of Defence

This British Standard, having been prepared under the direction of the Information and Documentation Technology Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 August 1994

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National foreword

This British Standard reproduces verbatim ISO 9923:1994 and implements it as the UK national standard.

This British Standard is published under the direction of the Information and Documentation Standards Policy Committee whose Technical Committee DOT/16 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, Publications, BSI, Linford Wood, Milton Keynes, MK14 6LE.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 19 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

INTERNATIONAL STANDARD

ISO
9923

First edition
1994-05-01

Micrographics — Transparent A6 microfiche — Image arrangements

*Micrographie — Microfiche transparente de format A6 — Dispositions
d'images*



Reference number
ISO 9923:1994(E)

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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.

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 9923 was prepared by Technical Committee ISO/TC 171, *Micrographics and optical memories for document and image recording, storage and use*.

This first edition cancels and replaces ISO 2707:1980, ISO 2708:1980 and ISO 5126:1980.

The most significant technical changes from these standards are the following:

- source document microfiche, of uniform and of variable formats, and COM microfiche are now covered by a single standard;
- the image arrangements of 49, 98, 270 and 420 frames and the single microfiche are part of the standard;
- uniform formats with image arrangements of 30, 60, 63, 84, 208, 210 and 325 frames and variable formats with image arrangements of 2, 4, 8, 16, 32 and 64 frames are dealt with in an annex;
- the image arrangements of 270 and 420 frames can be used for the microfilming of source documents (reduction ratio 1 : 48);
- the index pagination method has been changed.

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

1 Scope

This International Standard specifies the characteristics of transparent A6 size microfiche, from both source documents and COM, intended for international interchange of information and for micropublishing.

It is applicable to microfiche of uniform format with image arrangements of 49, 98, 270 and 420 frames and a single frame microfiche.

Depending on requirements, the microfiche may be negative-appearing or positive-appearing.

An annex specifies the characteristics of microfiche of uniform format with image arrangement of 30, 60, 63, 84, 208, 210 and 325 frames and microfiche of variable divisions of 2, 4, 8, 16, 32 and 64 frames used for certain applications.

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 standards 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 446:1991, *Micrographics — ISO character and ISO test chart No. 1 — Description and use.*

ISO 543:1990, *Photography — Photographic films — Specifications for safety film.*

ISO 3334:1989, *Micrographics — ISO resolution test chart No. 2 — Description and use.*

ISO 4330:1987, *Photography — Determination of the curl of photographic film.*

ISO 5123:1984, *Documentation — Headers for microfiche of monographs and serials.*

ISO 5466:1992, *Photography — Processed safety photographic films — Storage practices.*

ISO 6148:1993, *Photography — Film dimensions — Micrographics.*

ISO 6196-1:1993, *Micrographics — Vocabulary — Part 01: General terms.*

ISO 6196-2:1993, *Micrographics — Vocabulary — Part 02: Image positions and methods of recording.*

ISO 6196-3:1983, *Micrographics — Vocabulary — Part 03: Film processing.*

ISO 6196-4:1987, *Micrographics — Vocabulary — Part 04: Materials and packaging.*

ISO 6196-5:1987, *Micrographics — Vocabulary — Part 05: Quality of images, legibility, inspection.*

ISO 6196-6:1992, *Micrographics — Vocabulary — Part 06: Equipment.*

ISO 6196-7:1992, *Micrographics — Vocabulary — Part 07: Computer micrographics.*

ISO 6199:1991, *Micrographics — Microfilming of documents on 16 mm and 35 mm silver-gelatin type microfilm — Operating procedures.*

ISO 6200:1990, *Micrographics — First generation silver-gelatin microforms of source documents — Density specifications.*

ISO 8126:1986, *Micrographics — Diazo and vesicular films — Visual density — Specifications.*

ISO 8514-1:1992, *Micrographics — Alphanumeric computer output microforms — Quality control — Part 1: Characteristics of the test slide and test data.*

ISO 8514-2:1992, *Micrographics — Alphanumeric computer output microforms — Quality control — Part 2: Method.*

ISO 9878:1990, *Micrographics — Graphical symbols for use in microfilming.*

ISO 10196:1990, *Micrographics — Recommendations for the creation of original documents.*

ISO 10602:1993, *Photography — Processed silver-gelatin type black-and-white film — Specifications for stability.*

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 6196 apply.

4 Basic characteristics of microfiche

4.1 Physical characteristics

4.1.1 Raw film

The film used for exposure and duplication can be either roll film, which will then be cut to the dimensions for the microfiche, or sheet film. It shall conform to ISO 543, ISO 6148 and ISO 10602.

4.1.2 Dimensions of the microfiche

The external dimensions of the processed microfiche, when measured from the reference corner, shall be

$$105^{+0}_{-0,75} \text{ mm} \times 148^{+0}_{-1} \text{ mm}$$

The dimensions shall be measured when the film has come to equilibrium, after processing, at a temperature of $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and a relative humidity within the range 45 % to 55 %.