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**Document imaging applications —  
Microfilming of achromatic maps on 35 mm  
microfilm**

*Applications en imagerie documentaire — Microfilmage des cartes  
achromatiques sur microfilm de 35 mm*



## 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 12650, was prepared by Technical Committee ISO/TC 171, *Document imaging applications*, Subcommittee SC 2, *Applications issues*.

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## Introduction

This International Standard has been prepared to help microfilmmers of maps. It supplements ISO 3272-1, ISO 3272-2 and ISO 3272-3, which apply to technical drawings as well as to maps. However, reduction ratios for technical drawings can be unsuitable for maps because maps often have thinner lines and smaller details than those specified for technical drawings.

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# Document imaging applications — Microfilming of achromatic maps on 35 mm microfilm

## 1 Scope

This International Standard specifies special requirements for recording achromatic maps on 35 mm microfilm in the form of rolls or aperture cards.

## 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 3272-1:1983, *Microfilming of technical drawings and other drawing office documents — Part 1: Operating procedures.*

ISO 3272-2:1994, *Microfilming of technical drawings and other drawing office documents — Part 2: Quality criteria and control of 35 mm silver gelatin microfilms.*

ISO 3272-3:—<sup>1)</sup>, *Microfilming of technical drawings and other drawing office documents — Part 3: Unitized aperture card for 35 mm microfilm.*

ISO 3272-4:1994, *Microfilming of technical drawings and other drawing office documents — Part 4: Microfilming of drawings of special and exceptional elongated sizes.*

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

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

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

ISO 6196-3:1997, *Micrographics — Vocabulary — Part 3: Film processing.*

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

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

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

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

ISO 6196-8:1998, *Micrographics — Vocabulary — Part 8: Use.*

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

1) To be published. (Revision of ISO 3272-3:1975)