

AS 1203.3—1996

ISO 3272/III-1975,C:1993

Australian Standard<sup>®</sup>

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**Microfilming of engineering documents**

**Part 3: Unitized 35 mm microfilm carriers**

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[ISO title: Microcopying of technical drawings and other drawing office documents, Part III: Unitized 35 mm microfilm carriers]

This Australian Standard was prepared by Committee MS/4, Micrographics Equipment and Techniques. It was approved on behalf of the Council of Standards Australia on 29 November 1995 and published on 5 March 1996.

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## PREFACE

This Standard was prepared by the Standards Australia Committee on Micrographics Equipment and Techniques, to supersede, in part, AS 1203 — 1972, *Microfilming of engineering documents*.

The objective of this Standard is to provide microfilmmers with requirements for aperture cards for microfilming technical drawings and documents to obtain consistency in microfilm output.

This Standard is identical with and has been reproduced from ISO 3272-3, *Microcopying of technical drawings and other drawing office documents*, Part 3: *Unitized 35 mm microfilm carriers* (first published 1975, confirmed 1993).

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References to international Standards should be replaced by equivalent Australian Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
1681	Information processing — Unpunched paper cards — Specification	1244	Unpunched paper cards for information interchange
3272	Microcopying of technical drawings and other drawing office documents	1203	Microfilming of engineering documents
3272-1	Part 1: Operating procedures	1203.1	Part 1: Operating procedures
3272-2	Part 2: Quality criteria and control	1203.2	Part 2: Quality criteria and control
*	Documentary reproduction — Vocabulary	—	
†	Method of measuring thickness of build-up area on unitized microfilm carriers	—	
‡	Method for determining adhesion of protection sheet to aperture adhesive of unitized microfilm carrier (aperture card)	—	

\* Published as ISO 6196, *Micrographics— Vocabulary*.

† Published as ISO 6342, *Micrographics— Aperture cards— Method of measuring thickness of builtup area*.

‡ Published as ISO 6343, *Micrographics— Unitized microfilm carrier (aperture card)—Determination of adhesion of protection sheet to aperture adhesive*.

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# Microfilming of engineering documents

## Part 3

### Unitized 35 mm microfilm carriers

#### 0 INTRODUCTION

Drawing offices produce, in addition to drawings, documents which differ in purpose, form and intention. Easy exchanges of such documentation between organizations should be possible without ambiguities arising from the use of the information they contain.

Microcopying procedures allow the information contained in drawing office documents to be reduced to small dimensions thus facilitating transport, handling and storage. Faithful reconstitution of a microcopy can only be accomplished readily if the microcopy satisfies precise requirements with respect to dimensions and quality. The quality requirements themselves can be fulfilled readily only if the original document is prepared in accordance with strict specifications adapted to microcopy size and the selected reduction ratios.

Part III is concerned with the exchange of information using unitized microfilm carriers for 35 mm microfilm images of technical drawings or associated documents which have been produced by the operating procedures given in part I and which satisfy the quality requirements given in part II.

#### 1 SCOPE

This International Standard specifies requirements for aperture cards, the mounting of 35 mm microfilm of technical drawings or associated documents in them, camera cards and copy cards used to reproduce 35 mm microfilm images from these cards.

#### 2 FIELD OF APPLICATION

This International Standard is applicable to the microcopying of all documents prepared by drawing offices, such as technical drawings, architect's plans, calculation notes, specifications, vocabularies and parts lists.

It deals with the requirements for the microcopying of such data onto single frames of 35 mm microfilm

mounted individually in cards, bearing in mind their subsequent use for the interchange of information by reproduction, enlargement and viewing.

#### 3 REFERENCES

ISO 1681, *Information processing — Unpunched paper cards — Specification.*

ISO 3272/I, *Microcopying of technical drawings and other drawing office documents — Part I: Operating procedures.*<sup>1)</sup>

ISO 3272/II, *Microcopying of technical drawings and other drawing office documents — Part II: Quality criteria and control.*

ISO ..., *Documentary reproduction — Vocabulary.*<sup>1)</sup>

ISO ..., *Method of measuring thickness of build-up area on unitized microfilm carriers.*<sup>1)</sup>

ISO..., *Method for determining adhesion of protection sheet to aperture adhesive of unitized microfilm carrier (aperture card).*<sup>1)</sup>

#### 4 VOCABULARY

For definitions of the technical terms for reproduction employed in this International Standard, see ISO ...

#### 5 UNPUNCHED PAPER CARDS

Cards used for creating aperture cards shall be unpunched paper cards conforming to ISO 1681. For cards not conforming to ISO 1681, see annex A.

#### 6 DIMENSIONS

The dimensions and the location of the microimage aperture and built-up areas shall be as shown in the figure. The external dimensions and tolerances of