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AS 1934-1982

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# Australian Standard 1934—1982

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## SIZES OF PHOTOGRAPHIC PAPER

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**STANDARDS ASSOCIATION OF AUSTRALIA**  
*Incorporated by Royal Charter*

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The following interests were represented on the committee responsible for the preparation of this standard:

Australasian Institute of Radiography  
Australasian Society of X-ray Technology  
Australian Chamber of Commerce  
Australian Institute for Non-destructive Testing  
Australian Newspapers Council  
Graphic Arts Services Association of Australia  
Institute of Australian Photography  
Lithographic Institute of Australia Ltd  
Photographic Industrial Marketing Association of Australia  
Royal Australasian College of Radiologists

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**AUSTRALIAN STANDARD**

**SIZES OF  
PHOTOGRAPHIC PAPER**

**AS 1934—1982**

First published (as AS 1934D).....1976 Second edition (as AS 1934) .....1982
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## PREFACE

This standard was prepared by the Association's Committee on Photography to supersede AS 1934D—1976.

AS 1934D was prepared by the Photography Sector Committee of the Metric Conversion Board, and was taken up by the Standards Association of Australia for issue as a 'Standard for Development', with the intention that it would be reviewed in 2 years in the light of experience gained through its use.

The SAA Committee on Photography was formed in 1978 to undertake the revision of AS 1934D, and its work has resulted in the publication of this standard.

During the preparation of this standard, the following international and national standards were considered and acknowledgement is made of the assistance obtained therefrom:

*ISO 1	Standard Reference Temperature for Industrial Length Measurements
ISO 554	Standard Atmospheres for Conditioning and/or Testing—Specifications
ISO 1008	Black-and-white Paper for General Use—Sizes of Sheet Material
ISO 1009	Black-and-white Paper for Roll Paper Printers—Sizes of Rolls
ISO 1010	Colour Paper for General Use—Sizes of Sheet Material
ISO 1011	Colour Paper for Roll Paper Printers—Sizes of Rolls
†BS 1112	Sizes of Photographic Black-and-white Papers for General Use
BS 1896	Sizes of Reprographic Papers
BS 3206	Sizes of Rolls of Photographic Black-and-white and Colour Paper for Roll-head Printers
BS 3822	Sizes of Photographic Colour Materials Part 2—Photographic Sheet Colour Paper
‡DIN 4518: Part 1	Photosensitive Materials for Reprographic Use; Dimensions; Silver Halide Type

\*International Organization for Standardization.

†British Standard.

‡Deutsches Institut für Normung.

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## STANDARDS ASSOCIATION OF AUSTRALIA

**Australian Standard**  
for  
**SIZES OF PHOTOGRAPHIC PAPER**

**1 SCOPE.** This standard specifies the nominal sizes and related information, including dimensions, shape, cores and splices, sheets per package and marking, for both monochrome and colour photographic papers for general use.

**2 APPLICATION.** This standard applies to papers for all classes of general photographic work, including those used in roll-head and roll-easel printers, other than those used for instrument recording and photo-typesetting. It also applies to papers used for drawing and document reproduction.

**3 REFERENCED DOCUMENTS.** The following standards are referred to in this standard:

- |         |                                 |
|---------|---------------------------------|
| AS 1100 | Drawing Practice                |
|         | Part 4—Layout of Drawing Sheets |
| AS 1612 | Paper Sizes                     |

**4 SIZES.** The nominal sizes, cutting dimensions and tolerances shall conform to those given in Tables 1 and 2 for sheet paper, and in Tables 3 and 4 for roll paper. The dimensions and tolerances specified apply to paper in equilibrium with air at  $20 \pm 2^\circ\text{C}$  and  $50 \pm 5$  percent relative humidity.

**5 SHAPE OF SHEETS.** Sheets shall be rectangular, with straight smooth edges which lie wholly within a plane rectangle having sides equal to the upper limits of the width and length cutting dimensions for the relevant size of paper.

**6 SHEETS PER PACKAGE.** A package may contain any of the following numbers of sheets of paper:

10, 25, 50 and 100.

**7 CORES AND SPLICES FOR ROLL PAPER.**

**7.1 Paper for Use with Roll-head Printers or Other Automatic Equipment.** Rolls of paper intended for use with roll-head printers or other automatic equipment fitted with a splice detector shall comply with the following requirements:

- The core internal diameter shall be  $76.1 + 0.4, - 0.2$  mm.
- The core overall length shall equal the paper cutting width dimension,  $+ 0, - 1$  mm.
- Splices shall be at a maximum rate of one for each 30 m of nominal paper length and shall be at least 3 m from the start or end of a roll or from any other splice. The position of each splice shall be indicated by a centrally located slot (see Fig. 1).
- For each splice, the actual length of the roll shall be greater than the nominal length as follows:

- By 700 mm for rolls of nominal width not greater than 8.9 cm.
- By 900 mm for rolls of nominal width greater than 8.9 cm.

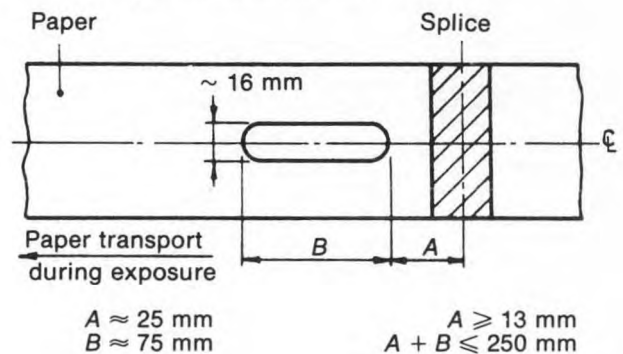


Fig. 1. SLOT USED FOR SPLICE WARNING INDICATION

**7.2 Paper for Other Purposes.** Rolls of paper intended for purposes other than those specified in Clause 7.1 shall comply with the following requirements:

- The core internal diameter shall be  $77 \pm 2$  mm.
- The core overall length shall equal the paper cutting width dimension,  $+ 0, - 2$  mm.

NOTE: Cores having an internal diameter of 51 mm may also be used for some products.

**8 MARKING.** Each package of photographic paper shall be marked with the following information:

- The paper's nominal size, as shown in Tables 1 to 4, as appropriate.
- The number of sheets or rolls (if more than one) in the package.
- The product brand name, as given by the manufacturer.
- An expiry date showing the period within which the contents can reasonably be expected to perform as claimed by the manufacturer.

In addition, other data relating to the properties of the paper may also be stated on the package, e.g. batch number, recommendations regarding its storage, use or safelight conditions.

NOTES:

- Statutory Authorities may require additional marking on the packages.
- Manufacturers who place the number of this Australian standard on photographic paper, packaging or literature related thereto should ensure that the paper is manufactured to comply with the standard.