
INTERNATIONAL STANDARD



1755

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Photography — Projector slides — Dimensions

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 42, *Photography*, has reviewed ISO Recommendation R 1755-1971 and found it technically suitable for transformation. International Standard ISO 1755 therefore replaces ISO Recommendation R 1755-1971, which was approved by the Member Bodies of the following countries:

Austria	Iran	South Africa, Rep. of
Belgium	Israel	Spain
Canada	Italy	Thailand
Czechoslovakia	Japan	United Kingdom
Egypt, Arab Rep. of	Netherlands	U.S.A.
France	New Zealand	U.S.S.R.
Germany	Peru	
Greece	Poland	

The Member Body of the following country expressed disapproval of the Recommendation on technical grounds :

Sweden

Photography — Projector slides — Dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the essential dimensions of projector slides of the preferred international sizes 5 cm X 5 cm and 7 cm X 7 cm, and of the title strip.

It does not apply to slides for specialized use, for example in television, nor to the so-called "sub-miniature" slides smaller than 5 cm X 5 cm.

This International Standard is intended to facilitate the manufacture, use, and international interchangeability of projector slides and to minimize the proliferation of sizes that would interfere with these objectives.

2 DEFINITIONS

2.1 slide : An image, on either a glass or film carrier, suitably masked, protected and rigidly mounted for optical projection by transmitted light.

2.2 mount : The means for holding rigidly together the image carrier and its supporting or protecting covers and mask. It may consist of flexible adhesive binding, or rigid holders made of cardboard, metal or plastics material.

2.3 mask : The opaque material containing an aperture which limits the area viewed or projected.

2.4 picture area : The area of the image carrier occupied by the image.

2.5 title strip : A device incorporated in, or on, a slide to identify it.

3 GENERAL REQUIREMENTS

3.1 The dimensions specified in the table apply to slides regardless of the type of mount used.

3.2 If a title strip is used, it shall conform to the requirements of 3.3.

3.3 A title strip shall consist of a light-coloured strip at least 3,0 mm wide along the upper margin of the slide when the slide is held so that the image is in the correct position for direct viewing and the text is upright. The strip may extend over the upper edge of the slide, but not over the back. There shall be no other light-coloured strips along the margin or edges of the slide.

NOTE — The title strip may be used as a position indicator, but the use of additional position indicators is not excluded.

4 DIMENSIONS

4.1 Overall size

The slide, including the image carrier, mask, mount and position indicator when used, shall conform, for each nominal size, to the overall dimensions shown in the table. It is recommended that the corners of the slide be rounded to a radius of not more than 1,0 mm.

1) The standardization of "sub-miniature" slides may be dealt with when the film sizes and image sizes for sub-miniature cameras are standardized. In the meantime, the use of 5 cm X 5 cm slides with smaller mask apertures is recommended.

4.2 Thickness

The thickness of the slide for each nominal size shall comply with the value given in the table below.

4.3 Picture area

The nominal dimensions of the picture areas used with the listed nominal slide sizes are given in the table below. In each case, the picture area shall be centrally located in the mask aperture.

4.4 Mask aperture

The dimensions of the mask apertures for the various picture areas shall comply with the values given in the table below. The mask aperture shall be horizontally and vertically centred on the slide with the distances from the opposite edges of the slide to the adjacent edges of the mask aperture differing by not more than 0,5 mm.

TABLE – Dimensions for projector slides

Description (nominal sizes)	Overall size	Thickness*	Picture area (nominal)	Mask aperture
cm	mm	mm	mm	mm
5 × 5 Slide	50,0 × 50,0 + 0,8	1,0 to 3,2	18 × 24	15,5 × 22,5 ± 0,5
			24 × 24	22,5 × 22,5 ± 0,5
			24 × 36	22,5 × 34,3 ± 0,5
			28 × 28	26,5 × 26,5 ± 0,2
			40 × 40	37,5 × 37,5 ± 0,7
7 × 7 Slide	69,9 × 69,9 ± 0,8	3,5 max.	55 × 55	53,5 × 53,5 ± 0,7

* Certain automatic slide changers do not necessarily accept all slides in the thickness ranges specified.

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