

# INTERNATIONAL STANDARD

ISO  
1755

Second edition  
1987-11-01



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION  
ORGANISATION INTERNATIONALE DE NORMALISATION  
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

## Photography — Projector slides — Dimensions

*Photographie — Diapositives montées, pour projection — Dimensions*

**iTeh STANDARD PREVIEW**  
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ISO 1755:1987

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Reference number  
ISO 1755: 1987 (E)

## 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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 1755 was prepared by Technical Committee ISO/TC 42, *Photography*.

This second edition cancels and replaces the first edition (ISO 1755:1973), of which it constitutes a technical revision. <https://standards.iteh.ai/catalog/standards/sist/83ef2bc5-1e88-477c-b9b1-092779c8126e/iso-1755-1987>

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

# Photography — Projector slides — Dimensions

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## 1 Scope and field of application

This International Standard specifies the essential dimensions of projector slides of the preferred international sizes 3 cm × 3 cm, 5 cm × 5 cm and 7 cm × 7 cm, and of the title strip.

It does not apply to slides for specialized use, for example in television.

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.

Apart from the nominal 13 mm × 17 mm picture area (110 format film), this International Standard does not apply to the so-called "sub-miniature" slides smaller than 3 cm × 3 cm.

## 2 References

ISO 1203, *Photography — Roll film cameras — Back window location and picture sizes*.

ISO 1754, *Photography — Cameras using film 35 mm and smaller — Picture sizes*.

ISO 7374, *Photography — 110-size cartridge — Dimensions and format of film and backing paper*.

## 3 Definitions

**3.1 slide:** The complete assembly comprising an image (on either glass or film carrier), a suitable mask and protection, all rigidly mounted for optical projection by transmitted light.

**3.2 slide 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.

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

**3.4 picture area:** The area of the image carrier occupied by the image.

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

## 4 General requirements

**4.1** The dimensions specified in the table apply to slides regardless of the type of slide mount used.

**4.2** If a title strip is used, it shall conform to the requirements of 4.3.

**4.3** A title strip shall consist of a light-coloured strip having a width of at least 3,0 mm and lying along the upper margin of the slide mount 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 onto the upper edge of the slide, but not over onto the back. There shall be no other light-coloured strips along the margin or edges of the slide.

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

## 5 Dimensions

### 5.1 Overall size

The slide, including the image carrier, mask, slide 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 mount be rounded to a radius of not more than 2,5 mm and that the peripheral edges of the slide mount shall be sharp or rounded to a radius of not more than 0,3 mm.

### 5.2 Thickness

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

### 5.3 Squareness

Adjacent sides of the slide mount shall be mutually at right angles within a tolerance of  $\pm 1^\circ$ .

### 5.4 Picture area

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

### 5.5 Mask aperture

The dimensions of the mask apertures for the various picture areas shall comply with the values given in the table. 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. The corners of the mask aperture shall be at right angles within a tolerance of  $\pm 1^\circ$ .

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Table — Dimensions for projection slides

Description (nominal sizes)	Overall size	Thickness*	Picture area (nominal)	Mask aperture	
				Size	Maximum radius of corners
cm	mm	mm	mm	mm	mm
3 × 3 slide	30,0 × 30,0 $^{+0,5}_0$	1,0 to 1,4	13 × 17	12,0 × 15,8 ± 0,1	0,6
5 × 5 slide	50,0 × 50,0 $^{+0,8}_0$	1,0 to 3,2	18 × 24 24 × 24 24 × 36 28 × 28 40 × 40	15,5 × 22,5 ± 0,5 22,5 × 22,5 ± 0,5 22,5 × 34,3 ± 0,5 26,5 × 26,5 ± 0,5 37,5 × 37,5 ± 0,7	1,2
7 × 7 slide	69,9 × 69,9 ± 0,8	3,5 max.	56 × 56	53,5 × 53,5 ± 0,7	2,0

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

UDC 778.25

Descriptors : photography, film slides, dimensions.

Price based on 2 pages