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Note:

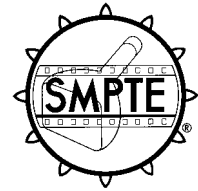
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SMPTE RECOMMENDED PRACTICE**RP 9-1995**

Revision of RP 9-1986

Dimensions of Double-Frame 35-mm 2×2 Slides for Precise Applications in Television



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Introduction

The use of 2×2 slides has increased enormously in many television stations. The handling of these slides is or will be by automatic or remote methods. Slides containing titles or geometric material must not tilt. In many sequences, slides bear related subject matter and it is necessary to lap-dissolve between them. Under these conditions, it is important that the material be accurately located on the film clip and that the film clip be accurately located in the mount. This is achieved in this practice by locating the picture information relative to the sprocket holes of the film clip and then using the sprocket holes to locate the clip in the mount. The dimensions and tolerances specified below are based on the fact that information on successive slides will register in a suitable television slide projector within the equivalent of ± 5 television lines in a horizontal and vertical direction when the datum B and datum C edges of the mount are against the stops in the projector.

Television scanned area has an aspect ratio of 4:3. The mask dimensions shown in figure 2 are sufficiently larger than those of the scanned area to permit convenient use.

1 Scope

1.1 This practice specifies dimensions and tolerances for a double-frame 35-mm film clip and an associated 2×2-in mount which are intended to ensure that picture information is accurately and consistently positioned in a suitable slide projector.

1.2 The slide mount described in clause 4 represents one suitable method for attaining accurate and consistent positioning of picture information

in a suitable slide projector. The use of alternate methods of mounting the film clip to within the same accuracy shall be considered as meeting the requirements of this practice.

1.3 This practice is not intended to replace or to void ANSI/SMPTE 96 or ANSI PH3.43.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this practice. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this practice are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below.

ANSI/SMPTE 139-1986 (R1991), Motion-Picture Film (35-mm) — Perforated KS

3 Double-frame 35-mm film clip

3.1 The film for double-frame 35-mm film clips to be mounted and used in compliance with this practice shall be in accordance with ANSI/SMPTE 139 and shall be of low-shrinkage safety film base.

3.2 The location of the image on the film and the length of the film clip shall be in accordance with figure 1 and table 1 (see note 10).

4 Slide mount

4.1 The mount for the double-frame 35-mm film clip shall be manufactured in accordance with figure 2 and table 2.