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SMPTE STANDARD**SMPTE 153-2001**Revision of
ANSI/SMPTE 153-1996

for Motion-Picture Film (8-mm Type S) — 16-mm Film Perforated 8-mm Type S (1-4) — Printed Areas



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1 Scope

This standard specifies the location and size of the printed picture area for negative/positive and reversal printing operations on 16-mm motion-picture film perforated 8-mm type S, 2R-1664 or 2R-1667, in row positions 1 and 4.

2 Dimensions

2.1 The dimensions shall be as given in figure 1 and table 1.

2.2 Dimension H is measured from the minus-2 perforation because this perforation position coincides with the perforation used to position the resulting 8-mm print in the projector (see annex A.1).

2.3 Two images may be printed on this film. The image area on the left side, not shown in the figure, is symmetrical but opposite in direction to that shown on the right side. The dimensions for each image area, however, are taken from the nearest edge of the film as shown.

NOTES

1 The reduction ratio of prints made from 16-mm negative or reversal originals shall be approximately 1.8:1. The correct ratio is controlled by dimensions C and D.

2 The vertical dimension B of the reduced 8-mm type S image of the original camera aperture image should be nominally centered on the horizontal centerline of the perforation although the exact location will be determined by dimension H and its tolerance.

3 The direction of film travel shown in figure 1 is to aid in illustrating the minus-2 perforation and is the direction of motion in the projector for the resulting 8-mm print if the figure is as seen from the light source of a projector used for direct front projection.

4 If photographic audio is to be applied to the print, it is necessary to consider the required compatibility between this standard and the strong trade preference that a clear septum not appear between the edge of the printed picture and the edge of the printed track. This standard allows overlap (double) printing of adjacent areas of the printed picture and printed track without permitting undesirable incursions of one area into the restricted area of the other. A suggested value of 0.0015 in (0.038 mm) more than minimum may be used.