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SMPTE STANDARD

SMPTE 97–2004

 Revision of
ANSMPTE 97-1999

for Motion-Picture Film (16-mm) — 200-Mil Edge Position — Magnetic Audio Record



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1 Scope

This standard specifies the position, dimensions, and reproducing speed of the nominal 0.200-in (5.08-mm) magnetic audio record on 16-mm motion-picture film.

2 Audio record

2.1 The lateral location and width of the magnetic audio record shall be as specified in figure 1 and table 1.

2.2 The recording shall be made so that the azimuth of the record is at an angle of $90^\circ \pm 3'$ to the reference edge of the film.

2.3 With the direction of travel as shown in figure 1, the magnetic coating is on the surface toward the observer.

3 Reproducing speed

The recording shall be made so that the audio record will reproduce properly at 24 perforations per second (approximately 36 ft [11 m] per minute or 7.2 in [183 mm] per second) which is 24 frames per second.

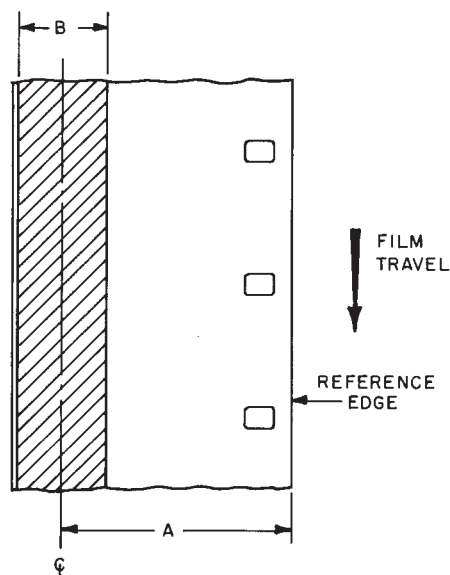


Figure 1 – Lateral location and width of magnetic audio record