

American National Standard

for motion-picture film (16-mm)— magnetic striping of prints— magnetic-photographic audio records

Approved August 31, 1989

Sponsor: Society of Motion Picture and Television Engineers

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1. Scope

This standard specifies the location and dimensions of the magnetic striping material applied to 16-mm motion-picture prints, containing a picture and photographic audio record, for the purpose of employing both a magnetic and the existing photographic audio record.

2. Referenced American National Standard

This standard is intended for use in conjunction with the following American National Standard: ANSI/SMPTE 41-1989, Motion-Picture Film (16-mm)—Photographic Audio Records—Prints

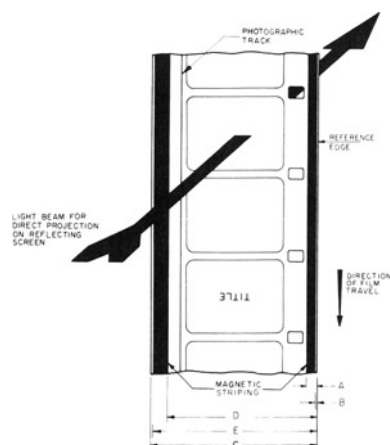
3. Magnetic Striping

3.1 The location and dimensions of the magnetic striping shall be as given in the figure and table.

3.2 The magnetic striping shall be on the side of the film toward the lamp on a projector arranged for direct front projection on a reflection-type screen.

NOTE 1: This standard is not recommended for unilateral variable-area track.

NOTE 2: The balance stripe is optional and may be a magnetic coating or another material of the same thickness.



Dimensions	Inches	Millimeters
A	0.031 max	0.79 max
B	0.002 max	0.05 max
C	0.628 ref	15.95 ref
D	0.575 max	14.60 max
E	0.570 min	14.48 min
	0.623 min	15.82 min

NOTE 3: A photographic audio record on this film may be overcoated by as much as 50 percent by the magnetic stripe. However, experience shows that the photographic record can be reproduced acceptably if it has been recorded in accordance with ANSI/SMPTE 41-1989.

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ANSI American National Standards Institute, 1430 Broadway, New York, N.Y. 10018

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Appendix

(This Appendix is not part of the American National Standard, but is included for information only.)

The outer edge of the magnetic striping ideally should be coincident with the edge of the film. Therefore, every effort should be made to reduce the edge-to-stripe di-

mension as much as possible, consistent with the best uniformity of stripe thickness and flatness of stripe profile.