

American National Standard for motion-picture film (16-mm)— printed areas— picture and sound contact printing

Approved September 13, 1983
Secretariat: Society of Motion Picture and Television Engineers

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1. Scope

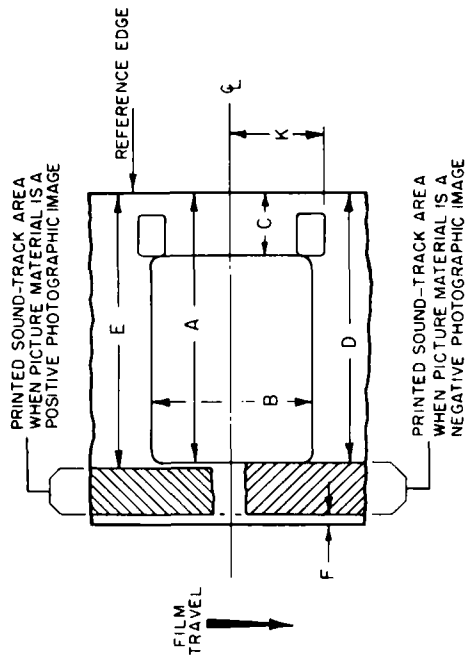
This standard specifies the location and size of the printed picture and photographic sound track areas for both negative/positive and reversal contact printing operations. An opaque line should appear between picture and sound in the finished print. The dimensions given for picture-printed area and for the two widths of sound-printed area provide for an overlap of picture- and sound-printed areas, or for a gap between them. The specific aperture to be used for printing

sound will be chosen to provide the desired black line, as dictated by the printing materials and processing conditions in use.

2. Dimensions

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

2.2 Dimension F is specified for prints which do not contain a control and data record. For prints which do, Dimension F should be 0.005 in (0.13 mm) max.



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Dimensions	Inches	Millimeters
A*	0.513 ± 0.002	13.03 ± 0.05
B for Negative/Positive†	0.306 ± 0.002	7.77 ± 0.05
B for Reversal	0.292 ± 0.002	7.42 ± 0.05
C	0.108 ± 0.002	2.74 ± 0.05
D for Negative/Positive	0.513 ± 0.002	13.03 ± 0.05
E for Reversal*	0.517 ± 0.002	13.13 ± 0.05
F‡	0.018 max	0.46 max
K‡	0.175 ± 0.002	4.44 ± 0.05

*The processing technique may make it impossible to avoid a clear septum between picture and sound areas. The presence of such a clear septum shall not be cause for rejection of prints, so long as it remains between the minimum A dimension and the maximum E dimension.
†Dimensions B and K are applicable only to contact printing by the step process.
‡See 2.2.

Appendix

(The Appendix is not a part of this American National Standard, but it is included for information purposes only.)

Although this standard applies to release prints for distribution and international exchange, it recognizes that dailies or special prints may be made to accommodate special experimental formats, i.e., those wherein wider

format original photography utilizes portions of the 16-mm film area generally used for sound track, perforations, etc.

