

Proposed American Standard and Proposed Withdrawal of American Standard

The Laboratory Practice Committee, in reviewing PH22.48-1956, Printer Aperture Dimensions for Contact Printing 16mm Positive Prints from 16mm Negatives, and PH22.49-1946 (reaffirmed 1955), Printer Aperture Dimensions for Contact Printing 16mm Reversal and Color Reversal Duplicate Prints, decided these standards should be combined with the technical information covered by both and placed into one docu-

ment. Published here is the Proposed revision of PH22.48 which reflects this action.

In combining the two standards into PH22.48, the second standard, PH22.49, is being withdrawn as no longer necessary. The proposed revision and the recommendation for withdrawal are published here for a trial period and public review. Comments should be addressed to Alex E. Alden, Staff Engineer, at Society Headquarters prior to April 1. If no adverse criticism is received by that date, the proposal and withdrawal recommendation will be submitted to ASA Sectional Committee PH22 for further processing.—A.E.A.

Proposed American Standard

Location of Printed Areas in 16mm Picture and Sound Contact Printing

PH22.48

Revision of
PH22.48-1956

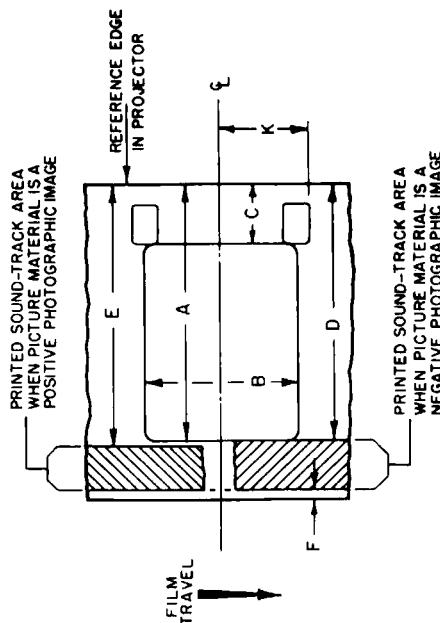
1. Scope

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

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



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.

NOT APPROVED