

Proposed Withdrawal of American Standard

The Standards Committee has proposed the withdrawal of American Standard Method of Determining Resolving Power of 16mm Motion Picture Projector Lenses, PH22.53-1953 (published in the June 1953 *Journal*).

If no objections are received prior to February 15, ASA Sectional Committee PH22 will be requested to approve termination of the standard because the test pattern made in accordance with the document has not been in use for several years and, further, the standard does not represent current practice.—A.E.A.

Proposed American Standards

Four Proposed American Standards are published here for a trial period and public approval. Comments should be addressed to Alex E. Alden, Staff Engineer, at Society Headquarters

prior to February 15. If no adverse criticism is received by that date, the proposed standards will be submitted to ASA Sectional Committee PH22 for further processing.

PH22.8, Dimensions of 16mm Motion Picture Projected Image Area, and PH22.87, Dimensions of 100-mil Magnetic Striping on 16mm Motion-Picture Film Perforated One Edge, are basically reaffirmations of the earlier issues, modified editorially to facilitate their use.

PH22.83, Specifications for Location and Spacing of Edge Numbers on 16mm Motion-Picture Film, has been expanded to include dimensions of the intended space used by the edge numbers. It should be noted that the 16-frame interval has been added to incorporate the 35-16mm printing of materials.

PH22.146, Method for Determining Speed of Reversal Color Films Intended for Camera Use and Direct Projection in Motion-Picture Photography, specifies a method for establishing the speed of reversal color stock intended for use in 16mm and 8mm cameras.—A.E.A.

Proposed American Standard Dimensions of 100-Mil Magnetic Striping on 16mm Motion- Picture Film Perforated One Edge

PH22.87
Revision of
PH22.87-1958

1. Scope

This standard specifies the location and dimensions of the magnetic striping material applied to 16mm motion-picture film with perforations along one edge. This film is used for both picture and sound.

2. Magnetic Striping

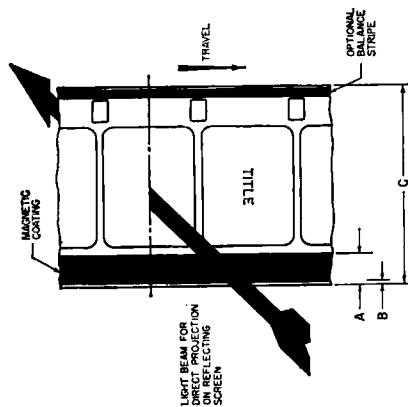
2.1 Dimensions. The dimensions shall be as given in the figure and table.

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

3. Film Base

The film base used shall be of the low-shrinkage safety type, cut and perforated in accordance with American Standard Dimensions for 16mm Film, Perforated One Edge, PH22.12-1953, and American Standard Dimensions for 16mm Motion-Picture Film, 1R-2994, PH22.109-1958.

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



Dimensions	Inches	Millimeters
A	0.100 + 0.005 - 0.000	2.54 + 0.13 - 0.00
B	0.005 max	0.13 max
C	0.628 nom	16 nom

Appendix

(This Appendix is not a part of Proposed American Standard Dimensions of 100-Mil Magnetic Striping on 16mm Motion-Picture Film Perforated One Edge, PH22.87, but is included to facilitate its use.)

The outer edge of the magnetic striping ideally should be coincident with the edge of the film, and for this reason Dimension B as listed is based upon practical considerations of present striping techniques and film-

handling mechanisms. Every effort should be made to reduce this dimension as far as possible, consistent with the best uniformity of stripe thickness and flammability profile.

NOT APPROVED