
Proposed American Standard
16mm Sound-Focusing Test Film
(Second Draft)

PH22.42

Revision of Z22.42-1946

1. Scope

1.1 This standard specifies a test film to be used for checking the focus of the scanning beam of 16mm sound motion-picture projectors.

Type A — 7000-cycle recording for manufacturing and precision adjustment of sound focusing;

Type B — 5000-cycle recording for quick field adjustment of sound focusing.

2. Test Film

2.1 The test film shall have an originally recorded variable-density sound track heavily overmodulated and developed to high contrast so that the resultant track is essentially a square-wave track.

2.2 The sound track shall have correct azimuth to within ± 5 min of arc.

3. Film Stock

3.1 The film stock used shall be of the low-shrinkage, safety type, cut and perforated in accordance with American Standard PH22.12-1953, Dimensions for 16mm Film, Perforated One Edge, or the latest revision thereof approved by the American Standards Association, Incorporated.

4. Identification

4.1 Each film of Type A shall be marked **SMPTE — ASA — PH22.42 — 7000-Cycle Focusing**. Each film of Type B shall be marked **SMPTE — ASA — PH22.42 — 5000-Cycle Focusing**. This marking shall be printed lengthwise in the picture area, the spacing between consecutive titles to be approximately 12 in.

5. Film Length

5.1 The film shall be supplied in 100-ft lengths.

NOTE: A test film in accordance with this standard is available from the Society of Motion Picture and Television Engineers.

NOT APPROVED