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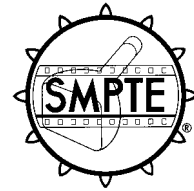
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SMPTE STANDARD

ANSI/SMPTE 143-1994Revision of
ANSI/SMPTE 143-1988

for Motion-Picture Film (8-mm Type R) — Length of Film on Camera Spools — 25-Ft Capacity



1 Scope and purpose

1.1 Scope

This standard describes the total length and the photographically useful length of raw film supplied on an 8-mm type R motion-picture camera spool of 25-ft (7.6-m) nominal capacity.

1.2 Purpose

The propose of this standard is to provide a uniform basis for the operation of automatic or nonadjustable footage counters in cameras.

2 Length of film

The total length of film on the spool shall be $33.0 \text{ ft} \pm 0.5 \text{ ft}$ ($10.06 \text{ m} \pm 0.15 \text{ m}$). A leader and trailer are required to protect the middle portion of the film from fog in loading and unloading. The leader and trailer shall be $4.0 \text{ ft} \pm 0.3 \text{ ft}$ ($1.22 \text{ m} \pm 0.09 \text{ m}$) in length, but these tolerances shall not be used in such a way as to yield less than the nominal 25 ft (7.6 m) useful length for picture taking.

NOTE — Spool capacity is based on a film thickness of approximately 0.006 in (0.15 mm).

CAUTION NOTICE: This Standard may be revised or withdrawn at any time. The procedures of the Standard Developer require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of publication. Purchasers of standards may receive current information on all standards by calling or writing the Standard Developer.

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