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A Stable document is “In Force”, and not deprecated or withdrawn.

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Note:

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Stable documents may not adhere to the latest style and format of SMPTE documents, or to current usage of normative language. Suitable care should be taken in interpretation.

SMPTE STANDARD

SMPTE 239-2004

Revision of
SMPTE 239-1999for Motion-Picture Film (16-mm) —
Perforated 8-mm Type R, 2R

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1 Scope

This standard specifies the cutting and perforating dimensions for 16-mm motion-picture film with two rows of 8-mm type R perforations and a perforation pitch of either 0.1500 in or 0.1497 in (3.810 mm or 3.802 mm). The width of the 8-mm strip after processing and slitting is also specified.

2 Dimensions

2.1 The dimensions shall be as given in figure 1 and table 1.

2.2 The dimensions pertain to a safety film as defined in SMPTE 223M.

2.3 Except for dimension A', the dimensions apply at the time of cutting and perforating for film adjusted to a temperature of $23^{\circ}\text{C} \pm 1^{\circ}\text{C}$ (nominally converted to $72^{\circ}\text{F} \pm 2^{\circ}\text{F}$) and a relative humidity of $50\% \pm 2\%$. The manufacturer may indicate other nominal temperature and humidity conditions under which the dimensions apply. Dimension A' applies immediately after slitting.

NOTE – The title of this standard was established by the application of a nomenclature system developed for all film dimension standards. Each title provides an indication of the film width, a code designation for the perforation shape (BH, KS, DH, or CS), or the number of rows of perforations (1R, 2R, etc.), depending upon which is the significant factor, or the perforation pitch without the decimal point.

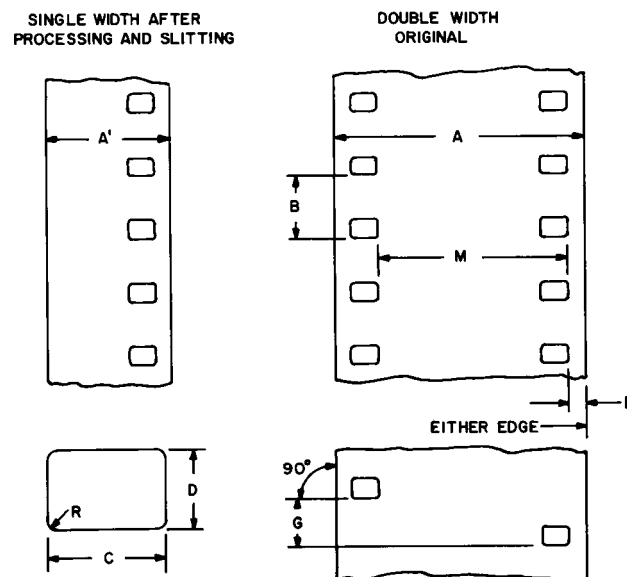


Figure 1 – Single- and double-width film