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# International Standard



# 4244

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## **Cinematography — Photographic sound record on 8 mm Type S motion-picture prints — Position and width dimensions**

*Cinématographie — Piste sonore photographique sur copies sur film cinématographique 8 mm type S — Position et dimensions en largeur*

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[ISO 4244:1979](https://standards.iteh.ai/catalog/standards/sist/a72a784b-8fd5-412b-bfa9-b226ad12e461/iso-4244-1979)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4244 was developed by Technical Committee ISO/TC 36, *Cinematography*, and was circulated to the member bodies in May 1978.

It has been approved by the member bodies of the following countries :

Belgium	India	Sweden
Canada	Italy	Switzerland
Czechoslovakia	Japan	United Kingdom
Denmark	Mexico	USA
Egypt, Arab Rep. of	Netherlands	USSR
France	Poland	Yugoslavia
Germany, F. R.	Spain	

[ISO 4244:1979](#)

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No member body expressed disapproval of the document.

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# Cinematography — Photographic sound record on 8 mm Type S motion-picture prints — Position and width dimensions

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## 1 Scope and field of application

This International Standard specifies the lateral location and dimensions of the photographic sound record on 8 mm Type S motion-picture prints, the picture-sound displacement, and the location and width of the scanned area.

## 3 Sound record

The lateral location and dimensions of the photographic sound record shall be as given in the figure and table.

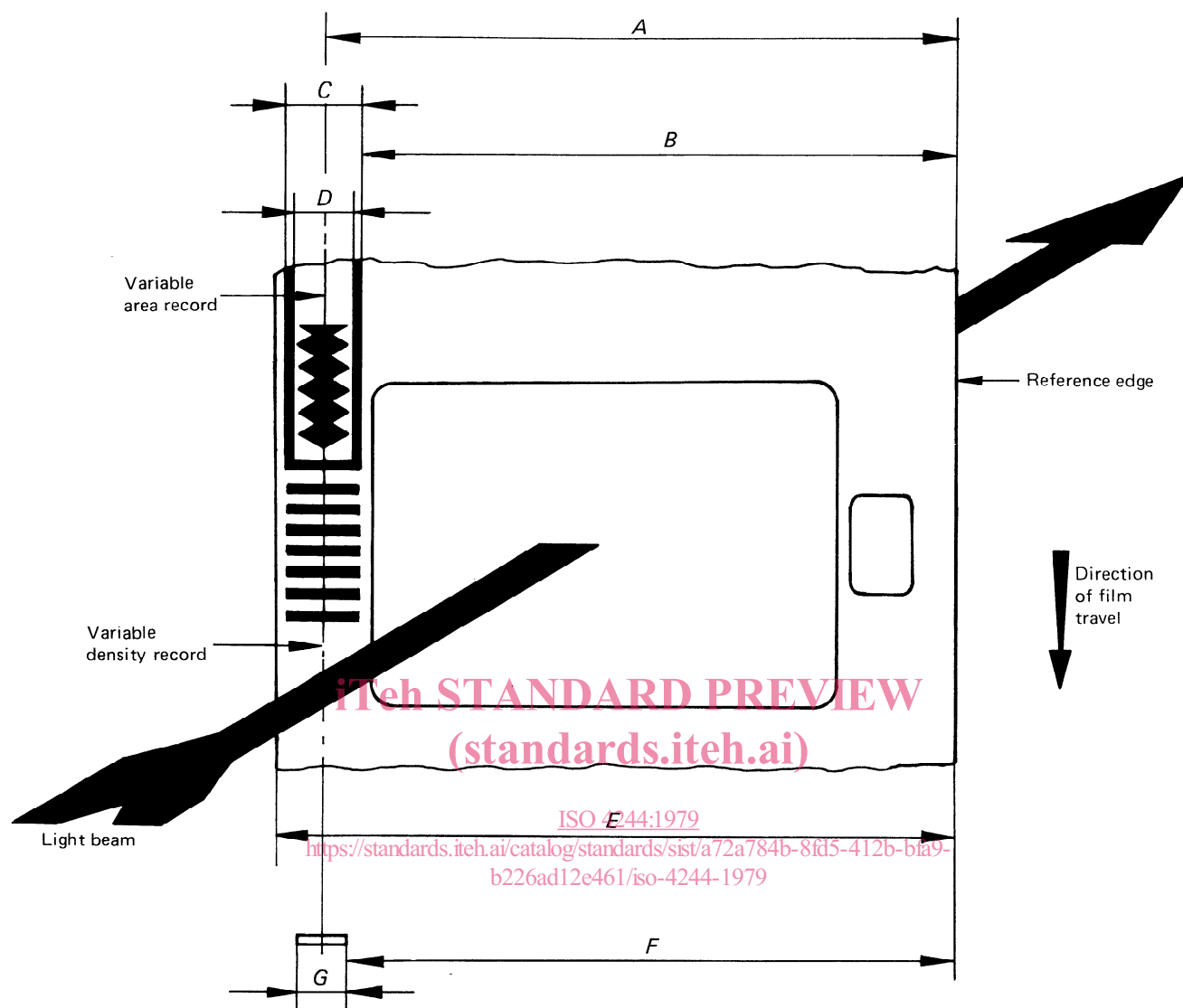
## 2 References

ISO 1700, *Cinematography — 8 mm Type S motion-picture raw stock film — Cutting and perforating dimensions*.

ISO 1781, *Cinematography — Projector usage of 8 mm Type S motion-picture film for direct front projection*.

## 4 Picture-sound displacement

The recording of sound on the film shall precede the corresponding picture frame in the direction of film travel in normal projection. The distance between the centre of the picture frame and its corresponding sound record shall be 22 frames  $\pm$  1 frame.



Dimension	mm	in
<i>A</i> – sound record centre line	7,57 ± 0,03	0.298 ± 0.001
<i>B</i> <sup>1)</sup>	7,19 ± 0,03	0.283 ± 0.001
<i>C</i> min. – printed width	0,75	0.030
<i>D</i> max. – modulated width (100 %)	0,50	0.020
<i>E</i> ref. – film width	7,975	0.314
<i>F</i> <sup>2)</sup>	7,25 ± 0,03	0.285 ± 0.001
<i>G</i> <sup>3)</sup> – scanned width	0,66 ± 0,03	0.025 ± 0.001

1) Dimension *B* applies to the protective strip or the variable density sound record.

2) Dimension *F* is for guidance of hardware manufacturers only.

3) The inch dimension *G* deviates from the standard conversion practice to reflect the practices in those countries where that system is used.