
INTERNATIONAL STANDARD



3068

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

Cinematography — Magnetic stripes for sound records on 16 mm motion-picture film perforated 8 mm Type S-2R (1-4 and 1-3) — Positions and width dimensions

Cinématographie — Pistes magnétiques pour l'enregistrement du son sur film cinématographique 16 mm perforé 8 mm type S-2R (1-4 et 1-3) — Emplacements et dimensions en largeur

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Descriptors : cinematography, motion-picture film, sound recording, magnetic recording, sound tracks, position (location).

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 3068 was drawn up by Technical Committee ISO/TC 36, *Cinematography*, and circulated to the Member Bodies in April 1973.

It has been approved by the Member Bodies of the following countries :

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|---------------------|-----------------------|----------------|
| Australia | Germany | Spain |
| Austria | India | Sweden |
| Belgium | Italy | Switzerland |
| Bulgaria | Japan | Thailand |
| Canada | Netherlands | United Kingdom |
| Czechoslovakia | New Zealand | U.S.A.* |
| Egypt, Arab Rep. of | Romania | |
| France | South Africa, Rep. of | |

* Did not approve sub-clauses 4.2 and 4.3.

The Member Body of the following country expressed disapproval of the document on technical grounds :

U.S.S.R.

Cinematography — Magnetic stripes for sound records on 16 mm motion-picture film perforated 8 mm Type S-2R (1-4 and 1-3) — Positions and width dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensional features of the magnetic stripes applied to 16 mm motion picture raw stock, perforated 8 mm Type S-2R with perforations at locations 1-4 and 1-3 for subsequent slitting to 8 mm Type S processed motion-picture film complying with ISO 1700.

2 REFERENCES

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

ISO 2966, *Cinematography — 16 mm motion-picture film perforated 8 mm Type S (1-3) and (1-4) — Cutting and perforating dimensions.*¹⁾

ISO 3027, *Cinematography — Magnetic stripes and recording head gaps for sound record on 8 mm Type S motion-picture prints — Positions and width dimensions.*

3 FILM STOCK

3.1 The dimensions of the film stock shall conform to the specifications given in ISO 2966.

3.2 The dimensional features of the processed film after slitting should conform to the requirements of ISO 1700.

4 LOCATION AND WIDTH OF MAGNETIC STRIPING

4.1 The location and width of the magnetic sound stripes and balance stripes shall be as shown in the figures and given in the table.

4.2 If the magnetic sound stripe increases the thickness of the film, by more than 0,005 mm (0.000 2 in) a balance stripe shall be applied to effectively equalize the thickness of the two edges of the slit 8 mm film. The balance stripes should have the same thickness and shall have the essentially same composition as the sound record stripe.

4.3 The thickness of the magnetic sound stripe and of the balance stripe shall not exceed 0,020 mm (0.000 8 in).

4.4 The stripes shall be applied to the side of the film which, when slit, will be towards the light source when used in a projection system arranged for direct front projection onto a reflection-type screen.

4.5 The location of the magnetic stripes on the processed film after slitting shall conform to that specified in ISO 3027.

1) At present at the stage of draft.