
INTERNATIONAL STANDARD



1009

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Photography — Black-and-white paper for roll paper printers — Sizes of rolls

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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.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 42, *Photography*, has reviewed ISO Recommendation R 1009-1969 and found it technically suitable for transformation. International Standard ISO 1009 therefore replaces ISO Recommendation R 1009-1969, which was approved by the Member Bodies of the following countries:

Argentina	Czechoslovakia	Japan
Belgium	Egypt, Arab Rep. of	South Africa, Rep. of
Brazil	France	Sweden
Bulgaria	Germany	Thailand
Canada	Greece	United Kingdom
Chile	Italy	U.S.A.

No Member Body expressed disapproval of the Recommendation.

Photography – Black-and-white paper for roll paper printers – Sizes of rolls

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the sizes and slitting tolerances of photographic black-and-white paper in rolls for machine printers.

2 WIDTHS AND TOLERANCES

Preferred sizes are given in Table 1.

TABLE 1

Nominal width		Slitting width and tolerance	
cm	in	mm	in
6,3	2 1/2	63,5 – 0,8	2,50 – 0,03
7	2 3/4	69,8 – 0,8	2,75 – 0,03
7,6	3	76,2 – 0,8	3,00 – 0,03
8,9	3 1/2	88,9 – 0,8	3,50 – 0,03
10,8	4 1/4	108,0 – 1,0	4,25 – 0,04
12,7	5	127,0 – 1,0	5,00 – 0,04

3 LENGTHS OF ROLLS AND PERMISSIBLE NUMBER OF SPLICES

Specifications are given in Table 2.

TABLE 2

Nominal length of rolls		Permissible number of splices
m	ft	
75	—	2
—	250	
150	—	3
—	500	
300	—	5
—	1000	

NOTE – Single weight only for rolls which are 300 m or 1 000 ft in length.

4 LENGTH ALLOWANCE FOR SPLICES

In rolls containing splices, an additional length at least equal to the *A* dimension used (see figure) plus 15 cm (6 in) shall be provided per splice.

5 BASIS OF SIZE CHECKING

Any check of dimensions shall be made on unprocessed paper taken from a previously unopened package, and exposed for at least 2 h to a temperature of $20 \pm 2^\circ\text{C}$ and a relative humidity of $55 \pm 5\%$.

6 SPLICE WARNING

Means for detecting each splice shall be provided in the form of a long hole or slot in the paper. The dimensions and location of the slot are given in the figure.

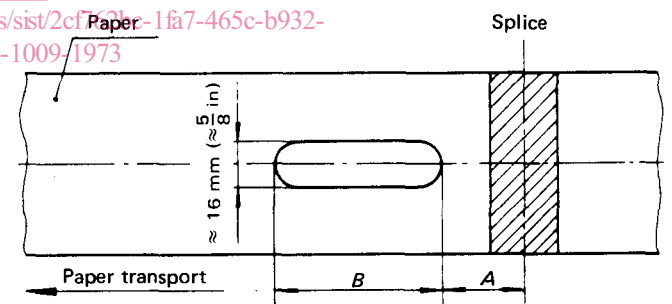


FIGURE – Slot used for splice detection

$$A = 25 \text{ to } 104 \text{ mm (1 to 4 in)}$$

$$B = 75 \pm 20 \text{ mm (3.0} \pm 0.8 \text{ in)}$$

7 ROLL PAPER CORES

The preferred inside diameter of cores for roll paper is

$$76,4 + 2,0_0 \text{ mm (3.01} + 0,08_0 \text{ in)}$$

8 WINDING

The labelling shall indicate whether the paper is wound emulsion in or emulsion out.

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