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Fishing nets — Hanging of netting — Basic terms and definitions

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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, International Standard ISO 1531 replaces ISO Recommendation R 1531-1970 drawn up by Technical Committee ISO/TC 38, *Textiles*.

The Member Bodies of the following countries approved the Recommendation :

Australia	India	South Africa, Rep. of
Belgium	Iran	Spain
Brazil	Israel	Sweden
Czechoslovakia	Japan	Switzerland
Denmark	Korea, Rep. of	Thailand
Egypt, Arab Rep. of	Netherlands	Turkey
France	Norway	United Kingdom
Germany	Poland	U.S.S.R.
Greece	Portugal	
Hungary	Romania	

No Member Body expressed disapproval of the Recommendation.

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Fishing nets — Hanging of netting — Basic terms and definitions

1 SCOPE AND FIELD OF APPLICATION

This International Standard gives the principal terms relating to the hanging of netting for fishing nets, together with their definitions.

2 REFERENCE

ISO 1107, *Fishing nets — Netting — Basic terms and definitions.* [1)]

3 TERMS AND DEFINITIONS

3.1 mounting : The attachment of netting to a supporting rope or frame.

NOTE — The netting direction, N or T (see ISO 1107) in relation to the rope used for mounting, must be stated precisely.

3.2 hanging : The mounting of netting according to a specific relationship between the length of that part of the final rope or frame on which the netting is mounted (see 3.3) and the length of the netting.

3.3 length of rope : The length of the section of the rope or frame between the extreme points of mounting of the netting.

3.4 length of netting : For the calculation of the hanging ratio, "length of netting" means that dimension of the netting to be mounted which is parallel to the final rope or frame, measured when the netting is fully extended, prior to being hung, in one or other of the directions mentioned in the Note to 3.1.

3.5 hanging ratio (symbol E) : The ratio between the length of final rope (see 3.3) and the length of netting (see 3.4), calculated as follows :

$$E = \frac{\text{length of rope}}{\text{length of netting}}$$

In this equation,

a) the numerator and denominator are both expressed in the same unit of length, or

b) the numerator indicates the length of rope measured in mesh lengths on to which is hung the number of meshes indicated by the denominator.

Example : Hanging ratio $E = \frac{7}{10}$ means

a) that on to 7 m of rope a netting 10 m long is hung, or

b) that a section of rope of length equal to the length of 7 meshes measured according to 3.4 is supporting 10 meshes of netting.

The hanging ratio may be written as a vulgar fraction, or as a decimal fraction or as a percentage.

Thus, using the above example :

$$E = \frac{7}{10} \text{ or } E = 0{,}7 \text{ or } E = 70\ \%$$

The standard method of expressing the ratio as a percentage, therefore, is as follows :

$$E = \frac{\text{length of rope}}{\text{length of netting}} \times 100$$

NOTE — If any other method of calculating the percentage ratio is used, this must be indicated in detail.

1) At present at the stage of draft. (Revision of ISO/R 1107.)