SLOVENSKI STANDARD
kSIST FprEN ISO 1107:2017

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Ribiške mreže - Mreženje - Osnovni pojmi in definicije (ISO/FDIS 1107:2017)

Fishing nets - Netting - Basic terms and definitions (ISO/FDIS 1107:2017)

Fischnetze - Netztuch - Grundbegriffe und Definitionen (ISO/FDIS 1107:2017)

Filets de pêche - Nappes de filet - Termes fondamentaux et définitions (ISO/FDIS 1107:2017)

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Fishing nets — Netting — Basic terms and definitions

Filets de pêche — Nappes de filet — Termes fondamentaux et définitions

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is Technical Committee ISO/TC 38, *Textiles.*

This third edition cancels and replaces the second edition (ISO 1107:2003), of which it constitutes a minor revision.

The main changes compared to the previous edition are as follows:

— ISO 858, ISO 1139 and ISO 1530 have been moved to the Bibliography;

— Figures 1 and 3 have been changed;

— a terminological entry for the average length of mesh size has been added;

— some terminological entries have been split into two entries, with domains (such as <knotted netting> and <knotless netting> added, in accordance with the rules for terminological entries set out in ISO 10241-1.

Fishing nets — Netting — Basic terms and definitions

1 Scope

This document gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

3.1 Netting and netting yarn

3.1.1
netting
meshed structure of indefinite shape and size composed of one yarn or of one or more systems of yarns interlaced or joined, or obtained by other means, for example by stamping or cutting from sheet material or by extrusion

3.1.2
yarn
all types of yarns suitable for the manufacture of netting

Note 1 to entry: The principal types of netting yarns are twines (see 3.1.2.1, 3.1.2.2, 3.1.2.3).

Note 2 to entry: The size of netting yarn is indicated by its linear density expressed in the unit tex of the Tex system in accordance with ISO 858. The size of the final product is expressed by the "resultant linear density" in accordance with ISO 1139. The resultant linear density is the reciprocal of "runnage" which expresses the length per unit mass, in metres per gram or per kilogram, for example.

Note 3 to entry: The definition in ISO 1139 denotes "yarn" folded yarn and cabled yarn as a general term embracing a single yarn (including monofilament) multiple wound yarns.

3.1.2.1
netting twine
product of one twisting operation embracing two or more single yarns or monofilaments

3.1.2.2
cabled netting twine
product of further twisting operations embracing two or more netting twines

3.1.2.3
braided netting cord
product of braiding or plaiting netting yarns and/or netting twines

3.2 Mesh

3.2.1
mesh
design formed opening, surrounded by netting material

Note 1 to entry: There are several types of mesh shapes.

3.2.1.1
diamond mesh
mesh (3.2.1) composed of four sides of the same length

3.2.2
square mesh
diamond mesh (3.2.1.1) in which adjacent sides are at right angles

3.2.3
hexagonal mesh
mesh (3.2.1) composed of six sides, out of which the length of one pair of opposite sides can be different from that of the other four sides, in case of an irregular hexagon

3.3 Mesh size

3.3.1
mesh side length
distance between two sequential knots or joints, measured from centre to centre when the yarn between those points is fully extended

Note 1 to entry: See Figure 1.

Note 2 to entry: In hexagonal meshes, two different values are possible in the case of an irregular hexagon.

Note 3 to entry: This is also referred to a “half mesh”.

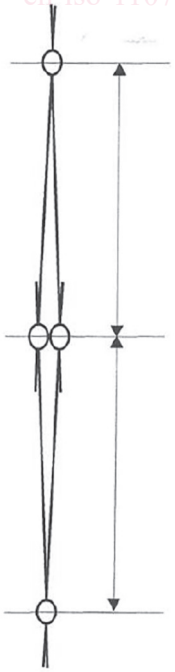

Figure 1 — Mesh side length

3.3.2
mesh length
<knotted netting> distance between the centres of two opposite knots in the same mesh when fully extended in the *N-direction* (3.4.1.1)

Note 1 to entry: See Figure 2.

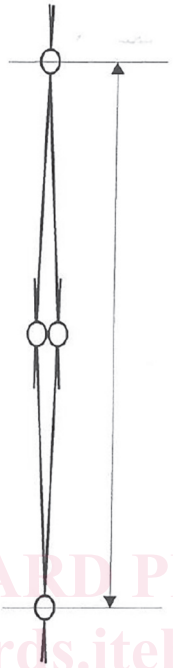

Figure 2 — Mesh length

3.3.3
mesh length
<knotless netting> distance between the centres of two opposite joints in the same mesh when fully extended along its longest possible axis (3.5.2.1)

Note 1 to entry: See Figure 2.

3.3.4
mesh opening
<knotted netting> longest distance between two opposite knots in the same mesh when fully extended in the N-direction (3.4.1.1);

Note 1 to entry: See Figure 3.

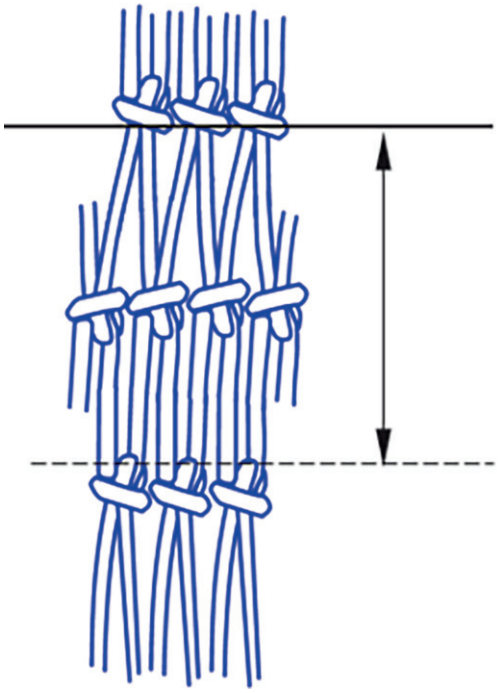

Figure 3 — Measure of mesh opening

3.3.5
mesh opening
<knotless netting> inside distance between two opposite joints in the same mesh when fully extended along its longest possible axis (3.5.2.1)

3.4 Knotted netting

3.4.1 General directions of the netting yarn

3.4.1.1
N-direction
depthwise direction
<knotted netting> direction at right angles (normal) to the general course of the netting yarn

Note 1 to entry: See Figure 4.

3.4.1.2
T-direction
lengthwise direction
<knotted netting>direction parallel to the general course of the netting yarn (twine-wise)

Note 1 to entry: See Figure 4.