INTERNATIONAL STANDARD

**ISO 1805**

Second edition
2006-11-15

# Fishing nets — Determination of breaking force and knot breaking force of netting yarns

*Filets de pêche — Détermination de la force de rupture et de la force de rupture au noeud des fils pour filets*



Reference number
ISO 1805:2006(E)

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Published in Switzerland

# Contents

Page

## 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.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1805 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in collaboration with Technical Committee ISO/TC 38, *Textiles*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 1805:1973), of which it constitutes a technical revision.

# Fishing nets — Determination of breaking force and knot breaking force of netting yarns

## 1 Scope

This International Standard specifies a method of testing the breaking force and knot breaking force of netting yarns for fishing nets.

Tests may be carried out in both the dry and wet states, but tests in the wet state on the knotted yarn are considered to be particularly appropriate in indicating the behaviour of the yarn in use.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.



ISO 139, *Textiles — Standard atmospheres for conditioning and testing*

ISO 858, *Fishing nets — Designation of netting yarns in the Tex system*



## 3 Terms and definitions

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

**3.1**
**breaking force**
force, equal to the maximum force observed during a breaking test

NOTE Distinction is made between

— the dry yarn breaking force,

— the wet yarn breaking force,

— the dry knot breaking force,

— the wet knot breaking force.

**3.2**
**force at rupture**
final force at the moment that the specimen or the first component of the specimen breaks at, or after, attainment of the breaking force

NOTE The force at rupture is usually, but not always, identical to the breaking force.