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National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel: (01) 807 3800  
Tel: (01) 807 3838

**FISHING NETS - DETERMINATION OF MESH**

**BREAKING FORCE OF NETTING**

**(ISO 1806:2002)**

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EUROPEAN STANDARD

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English version

## Fishing nets - Determination of mesh breaking force of netting (ISO 1806:2002)

Filets de pêche - Détermination de la force de rupture de la  
maille de nappe de filet (ISO 1806:2002)

Fischnetze - Bestimmung der Maschen-Höchstzugkraft von  
Netztuchen (ISO 1806:2002)

This European Standard was approved by CEN on 6 July 2002.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

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## **Foreword**

This document EN ISO 1806:2002 has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 38 "Textiles".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2003, and conflicting national standards shall be withdrawn at the latest by June 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## EN ISO 1806:2002 (E)

### 1 Scope

This European Standard specifies a method of determining the mesh breaking force of netting for fishing.

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

### 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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

ISO 1805, *Fishing nets — Determination of breaking load and knot breaking load of netting yarns*.

### 3 Terms and definitions

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

#### 3.1

##### **dry mesh breaking force**

maximum force measured during a tensile test on meshes of netting in standard atmosphere

#### 3.2

##### **wet mesh breaking force**

maximum force measured during a tensile test on meshes of netting in wet conditions

#### 3.3

##### **time-to-break**

time, in seconds, taken to reach the mesh breaking force, measured from the moment of application of the force

### 4 Principle

A mesh is extended in the dry or wet state until one of the knots or joints reaches the force at rupture. The test is performed using a suitable apparatus that records or indicates the applied force.

The testing machine is operated at such a rate that the average time-to-break of a group of samples falls within specified time limits.

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