



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 14686:2004

ICS 59.080.50

**FIBRE ROPES OF POLYESTER/POLYOLEFIN
DUAL FIBRES**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 14686

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English version

Fibre ropes of polyester/polyolefin dual fibres

Cordages en fibres bi-matériaux polyester/polyoléfines

Faserseile Polyester/Polyolefin-Doppelfaser

This European Standard was approved by CEN on 23 September 2004.

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Foreword

This document (EN 14686:2004) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

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

EN 14686:2004 (E)

1 Scope

This document specifies requirements for 3-strand hawser-laid, 8 strand and 12 strand braided ropes made of polyester in combination with polyolefin and it gives rules for their designation.

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.

EN ISO 1968:2004, *Fibre ropes and cordage — Vocabulary (ISO 1968:2004)*

prEN ISO 2307, *Fibre ropes — Determination of certain physical and mechanical properties (ISO/DIS 2307:2003)*

prEN ISO 9554:2003, *Fibre ropes — General specifications (ISO/DIS 9554:2003)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN ISO 1968:2004 apply.

4 Designation

Fibre ropes shall be designated by

- the words "fibre rope";
- number of this document;
- construction or type of rope (see clause 6);
- reference number of the rope;
- materials from which the rope is made;
- level of performance of rope : fibre rope or higher strength (*hs*) fibre rope.

EXAMPLE:

Designation of a 3-strand hawser-laid rope (reference number 20 (type A) corresponding to a linear density of 194 ktex made of polyester/polyolefin dual fibre:

Fibre rope EN 14686 - A - 20 - polyester/polyolefin

EXAMPLE:

Designation of a 12-strand braided rope (reference number 20 (type T) corresponding to a linear density of 221 ktex made of higher strength polyester/polyolefin dual fibre:

Fibre rope EN 14686 - T - 20 - polyester/polyolefin (*hs*)

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