



NSAI
Standards

Irish Standard
I.S. EN ISO 10325:2009

Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO 10325:2009)

I.S. EN ISO 10325:2009

Incorporating amendments/corrigenda issued since publication:

This document replaces:

This document is based on:
EN ISO 10325:2009

Published:
1 December, 2009

This document was published
under the authority of the NSAI
and comes into effect on:
29 December, 2009

ICS number:
59.080.50

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I.S. EN ISO 10325:2009

EUROPEAN STANDARD

EN ISO 10325

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2009

ICS 59.080.50

English Version

Fibre ropes - High modulus polyethylene - 8-strand braided ropes, 12-strand braided ropes and covered ropes (ISO 10325:2009)

Cordages en fibres - Polyéthylène à haut module -
Cordages 8 torons, cordages 12 torons et cordages avec
couverture (ISO 10325:2009)

Faserseile - Hochmodulares Polyethylen - 8-litzige
geflochtene Seile, 12-litzige geflochtene Seile und
ummantelte Seile (ISO 10325:2009)

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Contents

Page

Foreword.....	3
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Foreword

This document (EN ISO 10325:2009) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with 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of an identical text or by endorsement, at the latest by June 2010, and conflicting national standards shall be withdrawn at the latest by June 2010.

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The text of ISO 10325:2009 has been approved by CEN as a EN ISO 10325:2009 without any modification.

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I.S. EN ISO 10325:2009
**INTERNATIONAL
STANDARD**

**ISO
10325**

First edition
2009-12-01

**Fibre ropes — High modulus
polyethylene — 8-strand braided ropes,
12-strand braided ropes and covered
ropes**

*Cordages en fibres — Polyéthylène à haut module — Cordages
8 torons, cordages 12 torons et cordages avec couverture*



Reference number
ISO 10325:2009(E)

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Published in Switzerland

Foreword

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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.

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ISO 10325 was prepared by Technical Committee ISO/TC 38, *Textiles*.

Fibre ropes — High modulus polyethylene — 8-strand braided ropes, 12-strand braided ropes and covered ropes

1 Scope

This International Standard specifies requirements for 8-strand braided ropes, for 12-strand braided ropes, and for covered rope constructions made of high modulus polyethylene (HMPE), and 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.

ISO 1968, *Fibre ropes and cordage — Vocabulary*

ISO 2307, *Fibre ropes — Determination of certain physical and mechanical properties*

ISO 9554:2005, *Fibre ropes — General specifications*

3 Terms and definitions

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

3.1

cover

jacket

braided cover or other protective layer, which is placed over the rope core

NOTE The cover has no significant contribution to the rope strength.

4 Designation

Fibre ropes shall be designated by the following:

- the words “fibre rope”;
- the number of this International Standard;
- the construction type of the rope;
- the reference number of the rope;

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