

**Fibre ropes - Polyamide - 3-, 4-, 8- and 12-strand ropes
(ISO 1140:2012)**

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NATIONAL FOREWORD

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ICS 59.080.50

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English Version

Fibre ropes - Polyamide - 3-, 4-, 8- and 12-strand ropes (ISO 1140:2012)Cordages en fibres - Polyamide - Cordages à 3, 4, 8 et 12
torsions (ISO 1140:2012)Faserseile - Polyamid - 3-, 4-, 8- und 12-litzige Seile (ISO
1140:2012)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 1140:2012) 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of an identical text or by endorsement, at the latest by February 2013, and conflicting national standards shall be withdrawn at the latest by February 2013.

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

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Endorsement notice

The text of ISO 1140:2012 has been approved by CEN as a EN ISO 1140:2012 without any modification.

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Fibre ropes — Polyamide — 3-, 4-, 8- and 12-strand ropes

1 Scope

This International Standard specifies requirements for 3-strand hawser-laid and 4-strand shroud-laid ropes, 8-strand braided ropes and 12-strand braided ropes for general service made of polyamide, 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, *Fibre ropes — General specifications*

3 Terms and definitions

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

4 Designation

Fibre ropes shall be designated by

- the words “fibre rope”,
- the number of this International Standard,
- the construction or type of rope (see Clause 5),
- the reference number of the rope,
- the material from which the rope is made (the mixing of polyamide fibre types and grades shall not be permitted), and
- the type of stabilization (1 or 2 in accordance with ISO 9554).

Polyamide-laid ropes that are required to have a heat setting on the rope to ensure lay and dimensional stability are designated as type 1 ropes. In other cases, polyamide-laid ropes that are not required to have a heat setting on the rope are designated as type 2 ropes.

EXAMPLE

Designation of a 3-strand hawser-laid rope heat set (type 1), reference number 20 (type A), corresponding to a linear density of 247 ktex and made of polyamide (PA):

Fibre rope ISO 1140 – A – 20 – PA – 1