



SWEDISH
STANDARDS
INSTITUTE

**SVENSK STANDARD
SS-EN ISO 1969:2004**

Fastställd 2004-11-26

Utgåva 1

**Tågvirke – Polyeten – 3- och 4 duktsrep
(ISO 1969:2004)**

**Fibre ropes – Polyethylene – 3- and 4-strand
ropes (ISO 1969:2004)**

ICS 59.080.50

Språk: engelska

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Europastandarden EN ISO 1969:2004 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN ISO 1969:2004.

Denna standard ersätter SS-EN 700, utgåva 1.

The European Standard EN ISO 1969:2004 has the status of a Swedish Standard. This document contains the official English version of EN ISO 1969:2004.

This standard supersedes the Swedish Standard SS-EN 700, edition 1.

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EUROPEAN STANDARD
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ICS 59.080.50

Supersedes EN 700:1995

English version

**Fibre ropes - Polyethylene - 3- and 4-strand ropes
(ISO 1969:2004)**

Cordages en fibres - Polyéthylène - Cordages à 3 et 4
torons (ISO 1969:2004)

Faserseile - Polyethylen - 3- und 4-litzige Seile (ISO
1969:2004)

This European Standard was approved by CEN on 4 October 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of 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.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 1969:2004) 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 May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

This document supersedes EN 700:1995.

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.

Fibre ropes — Polyethylene — 3- and 4-strand ropes

1 Scope

This International Standard specifies requirements for 3-strand hawser-laid and 4-strand shroud-laid ropes for general service (excluding fittings) made of polyethylene 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 — Terms and definitions*

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

ISO 9554:—¹⁾, *Fibre ropes — General specification*

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 type of rope (see Clause 5);
- the reference number of the rope;
- the material from which the rope is made.

EXAMPLE Designation of a 4-strand shroud-laid rope (type B) with a linear mass of 802 ktex corresponding to the reference number 40 made of polyethylene (PE):

Fibre rope ISO 1969 - B - 40 - PE.

1) To be published. (Revision of ISO 9554:1991)

5 General requirements

5.1 Polyethylene ropes shall be made in one of the following constructions:

- type A: 3-strand hawser-laid rope (see Figure 1);
- type B: 4-strand shroud-laid rope (see Figure 2).

5.2 Construction, manufacture, lay, labelling, packaging, invoicing and delivery lengths shall conform to ISO 9554.

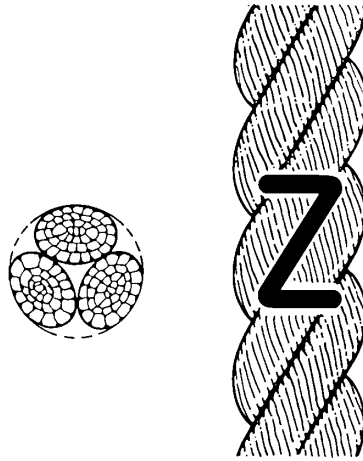


Figure 1 — Shape of a 3-strand hawser-laid rope (type A)

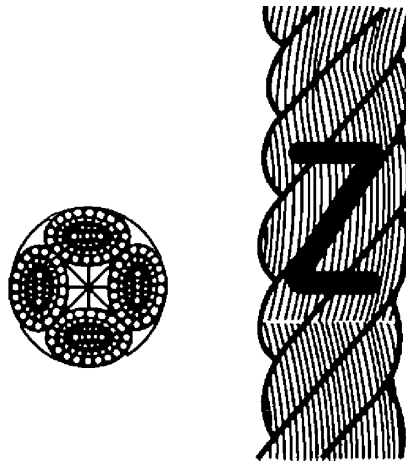


Figure 2 — Shape of a 4-strand shroud-laid rope (type B)

6 Physical properties

Linear density and minimum breaking force shall conform to Tables 1 and 2.