

## Fibre ropes - General specification

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 9554:2010 sisaldab Euroopa standardi EN ISO 9554:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.09.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.08.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 9554:2010 consists of the English text of the European standard EN ISO 9554:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.09.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 15.08.2010.

The standard is available from Estonian standardisation organisation.

ICS 59.080.50

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English Version

## Fibre ropes - General specifications (ISO 9554:2010)

Cordages en fibres - Spécifications générales (ISO 9554:2010)

Faserseile - Allgemeine Festlegungen (ISO 9554:2010)

This European Standard was approved by CEN on 14 August 2010.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (EN ISO 9554:2010) 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of an identical text or by endorsement, at the latest by February 2011, and conflicting national standards shall be withdrawn at the latest by February 2011.

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.

This document supersedes EN ISO 9554:2005.

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

### Endorsement notice

The text of ISO 9554:2010 has been approved by CEN as a EN ISO 9554:2010 without any modification.

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# Fibre ropes — General specifications

## 1 Scope

This International Standard specifies the general characteristics of fibre ropes and their constituent materials. It is intended to be used in conjunction with the standards for the individual types of fibre rope, which cover the physical properties and specific requirements for that particular product type.

This International Standard also gives some information on the use of fibre ropes and also on their inspection and retirement criteria.

This International Standard does not intend to address all of the safety matters associated with its use. It is the responsibility of the user to select a rope type of the size and with the physical properties to meet the requirements of the application and to determine the applicability of regulatory limitations prior to its use.

## 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 1140, *Fibre ropes — Polyamide — 3-, 4- and 8-strand ropes*

ISO 1141, *Fibre ropes — Polyester — 3-, 4- and 8-strand ropes*

ISO 1968, *Fibre ropes and cordage — Vocabulary*

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

## 3 Terms and definitions

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

## 4 Manufacture

### 4.1 Constituent materials

The following materials are considered in this International Standard:

a) natural fibres:

- sisal;
- manila;
- hemp;