Conveyor belts - Specification for rubber- or plastics-covered conveyor belts of textile construction for general use (ISO 14890:2013)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 14890:2013 sisaldab Euroopa standardi EN ISO 14890:2013 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 14890:2013 consists of the English text of the European standard EN ISO 14890:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 20.02.2013.	Date of Availability of the European standard is 20.02.2013.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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Conveyor belts - Specification for rubber- or plastics-covered conveyor belts of textile construction for general use (ISO 14890:2013)

Courroies transporteuses - Spécification pour courroies transporteuses recouvertes de caoutchouc ou de plastique à structure textile, d'usage général (ISO 14890:2013)

Fördergurte - Anforderungen an Textilfördergurte mit Gummi- oder Kunststoff-Deckplatten für allgemeine Anwendungen (ISO 14890:2013)

This European Standard was approved by CEN on 21 January 2013.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 14890:2013) has been prepared by Technical Committee ISO/TC 41 "Pulleys and belts (including veebelts)" in collaboration with Technical Committee CEN/TC 188 “Conveyor belts” the secretariat of which is held by SNV.

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of an identical text or by endorsement, at the latest by August 2013, and conflicting national standards shall be withdrawn at the latest by August 2013.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.

This document supersedes EN ISO 14890:2003.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 14890:2013 has been approved by CEN as EN ISO 14890:2013 without any modification.

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Introduction

In the preparation of this International Standard, consideration has been given to the work of ISO Technical Committee ISO/TC41/SC3, and the following International Standards for conveyor belts have been followed as closely as possible:

— ISO 251;

— ISO 252;

— ISO 282;

— ISO 283;

— ISO 433;

— ISO 583;

— ISO 703.

Conveyor belts — Specification for rubber- or plastics-covered conveyor belts of textile construction for general use

1 Scope

This International Standard specifies requirements for rubber and/or plastics covered conveyor belting of textile construction for general surface use on flat or troughed idlers.

This International Standard is not suitable or valid for light conveyor belts as described in ISO 21183-1.

Items that are not requirements of this International Standard, but need to be agreed between the manufacturer and the purchaser, are included in Annex A.

A list of the details intended to be supplied by the purchaser of belting with an enquiry is given in Annex B.

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 37, *Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties*

ISO 188, *Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests*

ISO 252, *Conveyor belts — Adhesion between constitutive elements — Test methods*

ISO 282, *Conveyor belts — Sampling*

ISO 283, *Textile conveyor belts — Full thickness tensile strength, elongation at break and elongation at the reference load — Test method*

ISO 583, *Conveyor belts with a textile carcass — Total belt thickness and thickness of constitutive elements — Test methods*

ISO 703, *Conveyor belts — Transverse flexibility (troughability) — Test method*

ISO 4649, *Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device*

ISO 10247, *Conveyor belts — Characteristics of covers – Classification*

ISO 16851, *Textile conveyor belts — Determination of the net length of an endless(spliced) conveyor belt*

EN 12882, *Conveyor belting for general purpose use — Electrical and flammability safety requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
tensile strength
greatest measured force during the tensile test divided by the width of the test piece

NOTE It is expressed in newton per millimetre (N/mm).