

**Teraskoordiga konveierilindid. Osa 3: Maa-
alustes paigaldistes kasutamiseks mõeldud
terastrossiga lintkonveierid**

Steel cord conveyor belts - Part 3: Special safety
requirements for belts for use in underground
installations

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 15236-3:2008 sisaldab Euroopa standardi EN ISO 15236-3:2007 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 15236-3:2008 consists of the English text of the European standard EN ISO 15236-3:2007.
Standard on kinnitatud Eesti Standardikeskuse 28.01.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 28.01.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
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English Version

**Steel cord conveyor belts - Part 3: Special safety requirements
for belts for use in underground installations (ISO 15236-3:2007)**

Courroies transporteuses à câbles d'acier - Partie 3:
Exigences de sécurité particulières aux courroies utilisées
dans des installations souterraines (ISO 15236-3:2007)

Stahlseil-Fördergurte - Teil 3: Besondere
Sicherheitsanforderungen für den Einsatz untertage (ISO
15236-3:2007)

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Foreword

This document (EN ISO 15236-3:2007) has been prepared by Technical Committee CEN/TC 188 "Conveyor belts", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 41 "Pulleys and belts (including veebelts)".

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of an identical text or by endorsement, at the latest by January 2008, and conflicting national standards shall be withdrawn at the latest by January 2008.

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Steel cord conveyor belts —

Part 3:

Special safety requirements for belts for use in underground installations

1 Scope

This part of ISO 15236 specifies the performance and constructional requirements applicable to conveyor belts for underground mining having steel cords in the longitudinal direction as reinforcement. The requirements for design and construction apply to the design of single belts as well as the design of complete type series such as those covered in ISO 15236-2.

Steel cord belts in accordance with this part of ISO 15236 are intended for use underground in coal mines and in other applications where the highest demands for safety against fire and explosion hazards have to be complied with.

NOTE At present the requirements can only be met by the use of compounds based on chloroprene rubber for the covers as well as for the bonding rubber.

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

ISO 4649:2002, *Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device*

ISO 7623, *Steel cord conveyor belts — Cord-to-coating bond test — Initial test and after thermal treatment*

ISO 8094, *Steel cord conveyor belts — Adhesion strength test of the cover to the core layer*

ISO 7590:2001, *Steel cord conveyor belts — Methods for the determination of total thickness and cover thickness*

ISO 7622-2, *Steel cord conveyor belts — Longitudinal traction test — Part 2: Measurement of tensile strength*

ISO 2062, *Textiles — Yarns from packages — Determination of single-end breaking force and elongation at break*

EN 13827, *Steel cord conveyor belts — Determination of the lateral and vertical displacement of steel cords*

EN 14973, *Conveyor belts for use in underground installations — Electrical and flammability safety requirements*