



SLOVENSKI STANDARD SIST EN ISO 20238:2019

01-julij-2019

Nadomešča:
SIST EN 1554:2012

Naprave za kontinuirni transport - Trakovi tračnih transporterjev - Preskušanje trenja na pogonskem bobnu (ISO 20238:2018)

Conveyor belts - Drum friction testing (ISO 20238:2018)

Fördergurte - Prüfung der Trommelreibung (ISO 20238:2018)

Courroies transporteuses - Essais de frottement au tambour (ISO 20238:2018)

Ta slovenski standard je istoveten z: EN ISO 20238:2019

SIST EN ISO 20238:2019
<https://standards.sist.it/standards/sist/04/16/09/20238-2019-124c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

ICS:

53.040.20 Deli za transporterje Components for conveyors

SIST EN ISO 20238:2019 **en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20238:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

EUROPEAN STANDARD

EN ISO 20238

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2019

ICS 53.040.20

Supersedes EN 1554:2012

English Version

Conveyor belts - Drum friction testing (ISO 20238:2018)

Courroies transporteuses - Essais de frottement au tambour (ISO 20238:2018)

Fördergurte - Prüfung der Trommelreibung (ISO 20238:2018)

This European Standard was approved by CEN on 21 February 2019.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

[SIST EN ISO 20238:2019](https://standards.iteh.ai/catalog/standards/sist/9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019)

<https://standards.iteh.ai/catalog/standards/sist/9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 20238:2019
<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

European foreword

This document (EN ISO 20238:2019) 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 2019, and conflicting national standards shall be withdrawn at the latest by August 2019.

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

This document supersedes EN 1554:2012.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

iTeh STANDARD PREVIEW
Endorsement notice
(standards.iteh.ai)

The text of ISO 20238:2018 has been approved by CEN as EN ISO 20238:2019 without any modification.

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20238:2019](#)

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

INTERNATIONAL
STANDARD

ISO
20238

First edition
2018-01

Conveyor belts — Drum friction testing

Courroies transporteuses — Essais de frottement au tambour

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 20238:2019](https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019)

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>



Reference number
ISO 20238:2018(E)

© ISO 2018

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN ISO 20238:2019

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Published in Switzerland

Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	1
5 Apparatus.....	2
6 Test piece.....	6
7 Procedure.....	6
7.1 General.....	6
7.2 Procedure and test.....	6
7.2.1 Selection of test method.....	6
7.2.2 Method A — Tests in still air.....	6
7.2.3 Method B — Tests in moving air.....	8
7.3 Premature termination.....	9
8 Test report.....	9

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 20238:2019](https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019)

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

ISO 20238:2018(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html. (standards.iteh.ai)

This document was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*.

SIST EN ISO 20238:2019
<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>

Introduction

The purpose of this document is to provide a method of testing that will assist conveyor belt users in assessing the degree of risk which can be anticipated from the hazard caused when a conveyor belt stalls and the drive mechanism of the conveyor system continues to operate, causing localized heating of the conveyor belt through contact with the driving drum or other frictional heat source.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 20238:2019](https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019)

<https://standards.iteh.ai/catalog/standards/sist/f9d41dd9-c1b6-424c-ac6b-5c63fd77ada0/sist-en-iso-20238-2019>