INTERNATIONAL STANDARD

ISO 251

Fourth edition
2012-10-01

Conveyor belts with textile carcass — Widths and lengths

Courroies transporteuses à carcasse textile — Largeurs et longueurs

Reference number
ISO 251:2012(E)

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 251 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Subcommittee SC 3, *Conveyor belts*.

This fourth edition cancels and replaces the third edition (ISO 251:2003), of which it constitutes a minor revision.

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Conveyor belts with textile carcass — Widths and lengths

1 Scope

This International Standard specifies the widths and lengths of conveyor belts with a textile carcass. It also specifies the corresponding tolerances.

It is not applicable to light conveyor belts as described in ISO 21183-1[1], as tolerances on the widths and lengths of cut light conveyor belts are given in ISO 15147[2].

NOTE The lengths of conveyor belts are not standardized.

2 Widths and tolerances

The widths of conveyor belts and permissible tolerances shall be as given in Table 1.

Table 1 — Nominal widths and tolerances of open-ended conveyor belts

Dimensions in millimetres

Nominal width	Tolerance
300	±5
400	±5
500	±5
600	±6
650	±6,5
800	±8
1 000	±10
1 200	±12
1 400	±14
1 600	±16
1 800	±18
2 000	±20
2 200	±22
2 400	±24
2 600	±26
2 800	±28
3 000	±30
3 200	±32

3 Tolerances on lengths

The permissible tolerances for the lengths of conveyor belts, measured loose, shall be as given in Tables 2 and 3.

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Table 2 — Tolerances on length for endless conveyor belts

Length m	**Tolerance** mm
≤ 15	±50
> 15 but ≤ 20	±75
> 20	±0,5 % of the length in metres

Table 3 — Tolerances on length for open-ended conveyor belts

Belt delivery condition	**Tolerance** (maximum permissible difference between delivered length and ordered length)	
As one length	$^{+2,5\ \%}_{0}$	
In several lengths	for each single length or as one length ±5 %	for the sum of all lengths $^{+2,5\ \%}_{0}$

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Bibliography

[1] ISO 21183-1, *Light conveyor belts — Part 1: Principal characteristics and applications*

[2] ISO 15147, *Light conveyor belts — Tolerances on widths and lengths of cut light conveyor belts*

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ICS 53.040.20

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