



**International  
Standard**

**ISO 251**

**Conveyor belts with textile  
carcass — Widths and lengths**

*Courroies transporteuses à carcasse textile — Largeurs et  
longueurs*

**Fifth edition  
2024-12**

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## Foreword

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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](http://www.iso.org/directives)).

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

This fifth edition cancels and replaces the fourth edition (ISO 251:2012), which has been technically revised.

The main change is as follows: [Table 3](#) has been included with slab belting tolerance.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Conveyor belts with textile carcass — Widths and lengths

## 1 Scope

This document 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, as tolerances on the widths and lengths of cut light conveyor belts are given in ISO 15147.

NOTE The lengths of conveyor belts are not standardized.

## 2 Normative references

There are no normative references in this document.

## 3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

## 4 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       |

Table 1 (continued)

| Nominal width | Tolerance |
|---------------|-----------|
| 2 600         | ±26       |
| 2 800         | ±28       |
| 3 000         | ±30       |
| 3 200         | ±32       |

## 5 Tolerances on lengths

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

Table 2 — Tolerances on length for endless conveyor belts

| Length<br>m | Tolerance<br>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 between delivered length and ordered length |  |
|-------------------------|---|--|
| Slab belting            | ±5 %  |  |
| As one length           | +2,5 %<br>0   |  |
| In several lengths      | for each single length or as one length ±5 %          | for the sum of all lengths 0 to +2,5 % |