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# INTERNATIONAL STANDARD



# 251

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Conveyor belts — Widths and lengths

*Courroies transporteuses — Largeurs et longueurs*

First edition — 1976-07-01

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[ISO 251:1976](#)

<https://standards.iteh.ai/catalog/standards/sist/b8e6efb6-9565-493f-bd26-089a80e1e42e/iso-251-1976>

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Ref. No. ISO 251-1976 (E)

**Descriptors** : conveyor belts, specifications, dimensions, width, length.

Price based on 1 page

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 251 was drawn up by Technical Committee ISO/TC 41, *Pulleys and belts (including vee-belts)*. It was submitted directly to the ISO Council, in accordance with clause 6.12.1 of the Directives for the technical work of ISO.

This International Standard cancels and replaces ISO Recommendation R 251-1970, which had been approved by the Member Bodies of the following countries :

Australia	Greece	Spain
Austria	India	Sweden
Belgium	Israel	Switzerland
Brazil	Italy	Thailand
Czechoslovakia	Japan	Turkey
Denmark	Netherlands	United Kingdom
Egypt, Arab Rep. of	New Zealand	U.S.S.R.
Finland	Norway	
France	South Africa, Rep. of	

No Member Body had expressed disapproval of the document.

# Conveyor belts – Widths and lengths

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the widths of conveyor belts and the corresponding tolerances, and also tolerances on lengths.

## 2 WIDTHS AND TOLERANCES

2.1 The widths of conveyor belts are fixed as shown in the table below.

TABLE – Widths of conveyor belts

mm	in
300	12
400	16
500	20
600	24
650	26
800	32
1 000	40
1 200	48
1 400	56
1 600	64
1 800	72
2 000	80

2.2 The permissible tolerances on the widths are fixed as follows :

- a) for the widths of 300 to 500 mm (12 to 20 in) :  $\pm 5$  mm ( $\pm 3/16$  in)
- b) for the widths of over 500 mm (20 in) :  $\pm 1$  % of the value in millimetres

## 3 LENGTHS AND TOLERANCES

3.1 The lengths of conveyor belts are not standardized.

3.2 The permissible tolerances on the lengths of conveyor belts, measured in loose condition, are fixed as follows :

- a) for belts delivered in the endless state and mounted in that way :  $\pm 0,5$  %
- b) for open belts : maximum difference between the delivered length and the ordered length :  $\begin{matrix} +2 \\ -0,5 \end{matrix}$  %

### NOTES

- 1 This specification is not applicable to underground belts.
- 2 Special cases may be the subject of agreement between the parties concerned.