

INTERNATIONAL STANDARD

ISO
282

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Conveyor belts — Sampling

Courroies transporteuses — Échantillonnage



Reference number
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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.

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.

International Standard ISO 282 was prepared by Technical Committee ISO/TC 41, *Pulleys and belts (including veebelts)*, Sub-Committee SC 3, *Conveyor belts*.

This second edition cancels and replaces the first edition (ISO 282:1975), which has been technically revised. In particular, clauses 2 and 4 have been added.

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Conveyor belts — Sampling

1 Scope

This International Standard specifies the number of samples to be taken for carrying out acceptance tests on conveyor belts, depending on the overall length ordered by the same user.

It is applicable to a batch of conveyor belts having the same characteristics: quality, width, etc.

2 Definition

For the purposes of this International Standard, the following definition applies.

2.1 acceptance test: Test conducted at the producer's laboratory by or on behalf of the producer or on behalf of the purchaser or user in order to verify compliance with the conditions or requirements of the contract.

3 Specification

The number of samples to be taken is given in table 1.

No recommendation is made regarding the place from which the sample shall be taken.

Table 1

Total length of belt ordered L m	Number of samples
$L \leq 500$	1
$500 < L \leq 1\,000$	2
$1\,000 < L \leq 2\,000$	3
$2\,000 < L \leq 3\,500$	4
$3\,500 < L \leq 5\,000$	5
$5\,000 < L \leq 7\,000$	6
$7\,000 < L \leq 10\,000$	7
NOTE — Above 10 000 m, one additional sample shall be taken for every 5 000 m.	

4 Sampling

The test samples shall be of full-belt width and of a sufficient length to carry out all tests requested for the type of belt considered.

The additional lengths required for the test samples shall be included in the total length of the order.