

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 433**

MARKING OF CONVEYOR BELTS

1st EDITION
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BRIEF HISTORY

The ISO Recommendation R 433, *Marking of Conveyor Belts*, was drawn up by Technical Committee ISO/TC 41, *Pulleys and Belts (including Vee-Belts)*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question by the Technical Committee began in 1958 and led, in 1962, to the adoption of a Draft ISO Recommendation.

In January 1963, this Draft ISO Recommendation (No. 565) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	France	Portugal
Austria	Germany	Spain
Belgium	Greece	Sweden
Chile	India	Switzerland
Czechoslovakia	Italy	United Kingdom
Denmark	Japan	U.S.A.
Finland	Netherlands	U.S.S.R.
		Yugoslavia

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in March 1965, to accept it as an ISO RECOMMENDATION.

MARKING OF CONVEYOR BELTS

1. SCOPE

The purpose of this ISO Recommendation is to specify the characteristics of marking of conveyor belts.

It states the indications to be marked, and also the dimensions and position of the marks.

2. INDICATIONS TO BE MARKED

The indications to be marked are shown below, in the order in which they appear in the marking:

(1) The standard value of the *breaking strength* at full thickness, expressed in kilogrammes-force per centimetre (according to ISO Recommendation R 283 *).

(2) A letter identifying the *basic property*, in accordance with the following code:

F: flame resisting with and without covers (according to ISO Recommendation R 340**)

J: flame resisting with covers (according to ISO Recommendation R 340**)

E: static electricity conducting (according to ISO Recommendation R 284***)

S: flame resisting with and without covers (according to ISO Recommendation R 340**)
and static electricity conducting (according to ISO Recommendation R 284***)

K: flame resisting with covers (according to ISO Recommendation R 340**) and static
electricity conducting (according to ISO Recommendation R 284***)

T: heat resisting

R: low temperature resisting

G: for fat products

A: for food products

C: for chemicals

M, N or P: rubber covers, the mechanical characteristics of which should be indicated
further

X: for special purposes.

(3) The last two figures of the *year of manufacture*.

* ISO Recommendation R 283, *Full thickness tensile strength and elongation of conveyor belts. Specifications and method of test*.

** ISO Recommendation R 340, *Flame resistance of conveyor belts. Specifications and method of test*.

*** ISO Recommendation R 284, *Electrical conductivity of conveyor belts. Specification and method of test*.