UDC 621.851/.852

Ref. No.: ISO/R 432 - 1965 (E)

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION
R 432

CHARACTERISTICS OF CONSTRUCTION OF PLY TYPE CONVEYOR BELTS

1st EDITION

March 1965

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 432, *Characteristics of Construction of Ply Type 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 1960 and led, in 1962, to the adoption of a Draft ISO Recommendation.

In January 1963, this Draft ISO Recommendation (No. 564) 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	Sweden
Austria	Germany	Switzerland
Belgium	Greece	United Kingdom
Chile	India	U.S.A.
Czechoslovakia	Italy	U.S.S.R.
Denmark	Japan	Yugoslavia
Finland	Netherlands	
Portugal	Spain	

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.

ISO Recommendation R 432 March 1965

CHARACTERISTICS OF CONSTRUCTION OF PLY TYPE CONVEYOR BELTS

1. SCOPE

The purpose of this ISO Recommendation is to specify the most important characteristics of construction of ply type conveyor belts.

It specifies

the number and the position of longitudinal joints,
the number and the position of transverse joints.

It does not however fix the width of the cover edges, as it has been decided that this would not be a subject of international standardization.

2. LONGITUDINAL JOINTS

2.1 Number of longitudinal joints

2.1.1 *Open edge type belting*

Belt width *		Maximum number of longitudinal joints	
millimetres	inches	per outer ply	per inner ply
400, 500, 650 and 800	16, 20, 26 and 32	0	1
1000 and 1200	40 and 48		
1400 and 1600	56 and 64	1	2
1800 and 2000	72 and 80	2	2

* According to ISO Recommendation R 251, *Widths and lengths of conveyor belts.*

NOTE. — These limitations of the number of joints are not imposed on belts of widths which are not listed in the table above.

2.1.2 *Folded type belting*

Belt width *		Maximum number of longitudinal joints	
millimetres	inches	per outer ply	per inner ply **
400, 500 and 650	16, 20 and 26	1	1
800, 1000 and 1200	32, 40 and 48	2	2
1400, 1600 and 1800	56, 64 and 72	3	2
2000	80	4	2

* According to ISO Recommendation R 251.
** This number may be doubled, if there are no longitudinal joints in both outer plies of the belt.

NOTE. — These limitations of the number of joints are not imposed on belts of widths which are not listed in the table above.