



**International
Standard**

ISO 5284

**Conveyor belts — List of
equivalent terms**

Courroies transporteuses — Liste des termes équivalents

**Third edition
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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.

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 document 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).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

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

This third edition cancels and replaces the second edition (ISO 5284:1986), which has been technically revised. It also incorporates the Technical Corrigendum ISO 5284:1986/Cor. 1:2005.

The main changes are as follows:

- Russian, German, Spanish and Italian terms have been removed from the list of equivalent terms (Russian and Italian terms have been deleted due to the absence of translation experts for those languages);
- Chinese terms have been included in the list of equivalent terms;
- additional terms have been included;
- the annex containing equivalent American terms has been deleted.

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.

Introduction

ISO 21183-2 contains a list of equivalent terms that apply to conveyor belts in general. Many of these terms are also applicable to conveyor belts covered by this document without modification but are not included in this document.

This document contains only terms applicable to conveyor belts that are either not included in ISO 21183-2 or that are included in ISO 21183-2 but need modification — in one or more of the languages — for them to be applicable to conveyor belts.

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Conveyor belts — List of equivalent terms

1 Scope

This document establishes a list of equivalent terms relating to conveyor belts.

NOTE In addition to the terms given in two of the official ISO languages (i.e. English and French), this document gives equivalent terms in Chinese; these terms are published under the responsibility of the member body for China (SAC). However, only the terms given in the official languages can be considered as ISO terms.

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 List of equivalent terms

[Table 1](#) gives the equivalent terms in English, French and Chinese.

Table 1 — List of equivalent terms

No.	English	Français	Chinese
A1	abrasion	abrasion	磨损
A2	abrasion tester	abrasimètre	磨损试验机
A3	accelerated ageing test	essai de vieillissement accéléré	加速老化测试
A4	acid resistant	résistant aux acides	耐酸
A5	adhesion; bond; friction pull	adhérence	粘合,附着,剥离
A6	adhesion failure	défaut d'adhérence	粘合失效
A7	adhesive	adhésif	粘合剂,粘性的
A8	adhesive coating	couche adhésive	粘合涂层
A9	adhesive fabric	tissu adhésif	粘合织物布
A10	aftercure; post-cure; post-vulcanization	post-vulcanisation	后硫化
A11	afterflame	flamme résiduelle	余焰
A12	afterflame time	durée de flamme résiduelle	余焰燃烧时间
A13	afterglow	point d'incandescence	余辉,无焰燃烧
A14	afterglow time	durée d'incandescence résiduelle	余辉时间,无焰燃烧时间
A15	ageing	vieillessement	老化
A16	air bomb ageing	vieillessement à la bombe d'air	空气老化试验

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Table 1 (continued)

No.	English	Français	Chinese
A17	air checks; air trap	dépression de surface due à l'air	窝气
A18	air cure	vulcanisation à l'air	自然硫化
A19	air oven ageing	vieillessement en étuve à air	热空气老化
A20	air trap; air checks	dépression de surface due à l'air	窝气
A21	room temperature	température ambiante	环境温度
A22	angle of repose; repose angle	talus naturel	安息角,自然堆积角
A23	angle of slide	talus d'éboulement dynamique	滑动角
A24	antioxidant	antioxydant	抗氧化剂
A25	antiozonant	antiozonant	抗臭氧剂
A26	antislip surface	surface antidérapante	防滑面
A27	anti-run-back; backstop; holdback	antidériveur; antiretour	逆止装置,逆止器
A28	antistatic	antistatique	抗静电的
A29	arc of contact	arc de contact	接触角,围包角
A30	armoured belt	courroie armée	铠装输送带
A31	army duck	toile	重型帆布
A32	atmospheric cracking	craquelure due aux intempéries	自然龟裂
A33	automatic take-up	tension automatique	自动张紧装置
A34	automatic tracking device	dispositif de centrage de la courroie	自动纠偏装置
A35	average modulus	module moyen	平均模量
B1	backstop; anti-run-back; holdback	antidériveur; antiretour	逆止装置,逆止器
B2	back cover; bottom cover	revêtement non porteur	下覆盖层
B3	balata	balata	巴拉塔(胶)
B4	bare back	face nue	裸露面,裸胶非承载面
B5	bare duck	toile apparente	裸露帆布,裸胶帆布
B6	bare duck belt	courroie avec toile apparente	裸面输送带,裸胶帆布输送带
B7	bare pulley	tambour non garni	裸面滚筒
B8	bars; irons; side irons	cales	边铁,垫铁
B9	beading	bandelette talon	翻边
B10	belt	courroie	输送带
B11	belt carcass	carcasse d'une courroie transporteuse	带芯
B12	belt conveyor	transporteur à courroie	带式输送机
B13	belt drive	entraînement par courroie	带传动
B14	belt duck, belt fabric	toile pour courroie	帆布带芯,输送带帆布
B15	belt fastener	agrafe pour courroie	(接头)带扣
B16	belt grade	classe de la courroie	输送带等级
B17	belt misalignment	défaut d'alignement de la courroie	输送带跑偏
B18	belt modulus	module de la courroie	输送带模量
B19	belt pitch line	plan de tension de la courroie	输送带节线
B20	belt sag	flèche de la courroie	输送带垂度
B21	belt sag factor	coefficient de la flèche de la courroie	输送带垂度系数
B22	belt slip	glissement de la courroie	输送带打滑
B23	belt slope tension	tension due à la masse de la courroie	输送带斜面张力

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Table 1 (continued)

No.	English	Français	Chinese
B24	belt turnover system; belt twist system	système de retournement de courroie	输送带翻带系统,输送带翻转系统
B25	belt twist system; belt turnover system	système de retournement de courroie	输送带翻扭转系统,输送带翻带系统
B26	belt with reinforced edge; step ply	courroie à bord renforcé	边缘加强输送带,阶梯层
B27	bench test	banc d'essai	台架测试
B28	bend pulley	tambour d'inflexion	改向滚筒
B29	bending modulus	module d'inflexion	弯曲模量
B30	bias angle	angle de biais	裁断角度
B31	bias cord breaker	tissu protecteur coupé en biais	斜交线绳缓冲层,斜交线绳补强层
B32	bias cut	coupe biaise	斜裁,斜切
B33	bias joint	joint de biais	斜接接头
B34	bias laid	pose en biais	斜铺
B35	bite; nip	jeu	咬合,夹紧
B36	blanket conveyor; hugger belt conveyor	élévateur à courroies parallèles	覆盖式输送机,夹带式输送机
B37	blister	cloque	鼓泡
B38	bloom	efflorescence	喷霜
B39	blooming	efflorescence disparaissant par frottement	喷霜
B40	bond; adhesion; friction pull	adhérence	粘合,附着,剥离
B41	boot	carter	启动,开机
B42	bottom cover; back cover	revêtement non porteur	下覆盖层
B43	bow	écart	弯曲
B44	brand	marque	标牌
B45	breaker ply	pli de protection	缓冲补强层
B46	bucket elevator	élévateur à godets	斗式提升机
B47	bucket pad	semelle pour godets	料斗垫
B48	bucket side cover	revêtement de courroie élévatrice à godets	斗提机内侧板
B49	buffing	brossage	打磨
B50	buffing marks	marques de brossage	打磨痕迹
B51	bumping	dégazage	放气
B52	bushed bolt holes	trous de boulons revêtus	带衬套的螺栓孔
B53	butt joint	joint bout à bout	对接
B54	butt strap; saddle	Courroie pour recouvrement de joint	封口胶
C1	calculated centre distance	entr'axe calculé	计算中心距
C2	calender	calandre	压延机
C3	calender stop	arrêt de calandre	压延机停机
C4	capacity	capacité	容量,能力
C5	capped edge	talon	包边
C6	capped end	protection de l'extrémité	端部封头
C7	carcase	carcasse	带芯
C8	carcase; reinforcement	armature	带芯;增强层
C9	carrying idler	rouleau porteur	承载托辊

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Table 1 (continued)

No.	English	Français	Chinese
C10	carrying side	brin porteur	承载面
C11	carrying side cover; top cover	revêtement porteur	承载面覆盖层,上覆盖层
C12	catenary idler	rouleau caténaire	吊挂托辊
C13	cement	dissolution	黏合剂
C14	cemented edge	bord dissolutionné	封边
C15	centre-to-centre	entr'axe	中心距
C16	centrifugal bucket elevator	élévateur à godets centrifuge	离心式斗式提升机
C17	chalking	farinage	粉化
C18	checking; crazing	craquelure	裂纹,银纹
C19	churn (mixer)	malaxeur	混炼机
C20	cleated belt; raised rib belt	courroie à tasseaux	横隔板输送带
C21	cloth impression; fabric impression	impression du tissu	布纹面
C22	cold check	craquelure due au froid	低温脆裂
C23	cold ends of press	extrémités froides de la presse	平板硫化机冷端
C24	cold feed	alimentation à froid	冷喂料
C25	cold flex; low temperature flexing	flexion à basse température	低温挠性
C26	cold flow	fluage à froid	冷流
C27	cold resistant; freeze resistant	résistant au froid	耐寒性,耐低温性
C28	commercially smooth	état de surface commercial	光滑度
C29	compound; mix	mélange	混炼胶
C30	compression member	élément de compression	压缩单元
C31	compression set	déformation rémanente à la compression	压缩永久变形
C32	continuous bucket elevator	élévateur continu à godets	连续斗式提升机
C33	control	témoin	控制
C34	conveyor belt	courroie transporteuse	输送带
C35	conveyor belt stretch	allongement d'une courroie transporteuse	输送带拉伸
C36	conveyor cover	revêtement du transporteur	输送带覆盖层
C37	conveyor width	largeur du transporteur	输送带宽度
C38	cord belt	câblés de courroie	钢丝绳芯输送带
C39	cord breaker	protecteur en câblés	钢丝绳芯缓冲补强层
C40	count	titre	(纱线)支数
C41	counterweight; gravity weight	contrepoids	配重
C42	cover	revêtement	覆盖层
C43	cover joint; cover splice	joint du revêtement	覆盖层接头
C44	cover splice; cover joint	joint du revêtement	覆盖层接头
C45	cover wear	usure du revêtement	覆盖层磨损
C46	crack(ing)	formation de craquelure	龟裂
C47	crazing; checking	craquelure	银纹,裂纹
C48	creep	fluage	蠕变
C49	creep speed drive	entraînement auxiliaire	低速驱动
C50	crimp	embuvage	卷曲度,曲率
C51	crown	bombé	中高度