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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Light conveyor belts - Principal characteristics and applications

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting method to modify and adopt ISO 21183-1:2005 "Light Conveyor Belt Part 1: Basic Performance and Application".

Compared with ISO 21183-1:2005, this standard has technical differences, and the clauses related to these differences have been passed on the outer margins.

The vertical single line (|) of the position is marked, and the technical differences and their reasons are as follows.

--- Increased normative references and terms to apply my country's technical conditions (see Chapter 2 and Chapter 3).

This standard also made the following editorial changes.

---The standard name was revised to "Basic Performance and Application of Light Conveyor Belt".

This standard was proposed by the China Petroleum and Chemical Industry Federation.

This standard is under the jurisdiction of the National Belt Wheel and Belt Standardization Technical Committee Conveyor Belt Subcommittee (SAC/TC428/SC1).

Drafting organizations of this standard. Qingdao Shinkansen Technical Consulting Co., Ltd., Shanghai Yongli Belt Industry Co., Ltd., Qingdao Sinochem New Material Co., Ltd.

Laboratory, Qingdao University of Science and Technology.

1 Scope

This standard specifies the basic structure, performance and application of light conveyor belts.

This standard applies to light conveyor belts.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article

Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

ISO 21183-2 Light Conveyor Belt Part 2.Equivalent Terminology (Lightconveyorbelts-Part 2.Listof

equivalentterms)

3 Terms and definitions

The terms and definitions defined in ISO 21183-2 apply to this document.

4.1.1 General application

Light-duty conveyor belts are mainly used indoors for loading goods (such as parcels, bags, cans, containers, luggage, various industrial goods and food)

transport.

In most cases, the light conveyor belt is installed on the machine as a part of the machine, also known as the machine belt. Light conveyor belts in the production process or

It is responsible for conveying as a conveying part in production and processing, sometimes with a specific name.

Example 1.

The machine belt is used as a pure conveying equipment. paper processing machine (printing, cutting, etc.), letter sorting machine/letter cancellation machine, automatic ticket vending machine/automatic ticket coating machine, bag

Installed.

Example 2.

Machine belts are used in production links or production processing equipment. folding machines, dough processors, chocolate and confectionery processors, paper and plastic film special processing machines, rolls

Hood.

Example 3.

Belts with proper names.

---Folded colloidal belt, tubular winder belt, felt for printing;

---Processing belts for drying, coating, particleboard manufacturing and other purposes.

4.1.2 Other applications

Light conveyor belts for conveying bulk goods can be used in the chemical industry, pharmaceutical industry, cosmetics industry, food industry, agriculture, wood industry, tobacco industry, and the main

It should be used indoors or outdoors with a cover.