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

GB/T 28267.3-2015

**Steel cord conveyor belts -- Part 3: Special safety requirements
for belts for use in underground installations**
(English Translation)

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1 Scope

This Part of GB/T 28267 specifies the performance and constructional requirements applicable to conveyor belts for underground mining having steel cords in the longitudinal direction as reinforcement. The requirements for design and construction apply to the design of single belts as well as the design of complete type series such as those covered in GB/T 28267.2.

Steel cord belts in accordance with this Part are intended for use underground in coal mines and in other applications where the highest demands for safety against fire and explosion hazards have to be complied with.

NOTE At present the requirements can only be met by the use of compounds based on chloroprene rubber for the covers as well as for the bonding rubber.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 5753-2013, Steel Cord Conveyor Belts - Methods for the Determination of Total

Thickness and Cover Thickness (ISO 7590.2009, IDT);

GB/T 9867-2008, Rubber vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device (ISO 4649.2002, IDT)

ISO 37, Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties

ISO 703, Conveyor belts - Transverse flexibility (troughability) - Test method

ISO 2062, Textiles - Yarns from packages - Determination of single-end breaking force and elongation at break

GB/T 30314-2021 | GB/T 28267.4-2015 | GB/T 30313-2013 | GB/T 28267.2-2025 |