

ICS 59.080.50

CCS W 58



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

GB/T 15029-2025

Replacing GB/T 15029-2009

Sisal ropes

剑麻白棕绳

(English Translation)

Issued on: October 5, 2025

Implemented on: May 1, 2026

**Issued by: State Administration for Market Regulation and
Standardization Administration of China**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

This document replaces GB/T 15029-2009 "Sisal White and Brown Rope". Compared with GB/T 15029-2009, the main differences are structural adjustments and editorial changes.

Aside from the modifications, the main technical changes are as follows.

- a) Added normative reference to NY/T 233 (see Chapter 3);
- b) The definition of "sisal white-brown rope" has been changed (see 3.1, 2009 edition 3.1);
- c) The structural designations for 12-strand and 16-strand braided ropes have been removed (see 4.2.2 in the 2009 edition);
- d) Requirements for marking in GB/T 18674-2018 have been added and the marking representation method has been changed (see 4.3);
- e) A requirement has been added that "sisal white and brown ropes should be made from sisal yarn that meets the requirements of NY/T 255" (see 5.1);
- f) Change "content of extractable lubricant" to "oil content" and modify the oil content requirements (see 5.3, 7.3, 2009 edition). 5.3, 6.2.3);
- g) The main technical performance requirements for three-strand and four-strand twisted sisal white and brown ropes have been revised (see 5.4, 2009 edition of 5.4);
- h) Sampling requirements have been changed (see Chapter 6, Chapter 6 of the 2009 edition);
- i) Added inspection rules (see Chapter 8);
- j) Packaging requirements have been changed (see 9.2, 7.2 of the 2009 edition);
- k) Changes were made to transportation and storage (see Chapter 10, Chapter 8 of the

2009 edition).

1 Scope

This document provides the product classification, specification codes, and markings for sisal white palm rope, and specifies the technical requirements, inspection rules, packaging, and markings. Transportation and storage, with corresponding test methods described.

This document applies to the classification, testing, and sale of ropes made from sisal fiber.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 8834 Determination of relevant physical and mechanical properties of fiber ropes

GB/T 18674-2018 General Technical Requirements for Fishing Ropes

NY/T 233 Terminology for Agave Fiber and Products

NY/T 243 Determination of moisture regain of sisal fiber and its products

NY/T 245 Determination of oil content in sisal fiber products

NY/T 255 Sisal yarn

3 Terms and Definitions

The terms and definitions defined in NY/T 233 and the following terms and definitions apply to this document.

3.1

Ropes made from sisal fibers.

[Source: NY/T 233-2014, 5.5, with modifications]

3.2

The lowest value obtained by conducting no less than three tensile strength tests on sisal white hemp rope samples according to GB/T 8834.

4.1 Classification

4.1.1

Twisted White Hemp Rope. A white hemp rope made by twisting together sisal strands, which is divided into three-strand ropes with a coreless structure, designated as Type A [see Figure 1a]

There are two types of products. Type B and a four-strand rope with a rope core structure [see Figure 1b). Generally, the twisting direction of the yarn and strands in a twisted rope is. rope... Yarn Z-twist, rope strand S-twist, rope Z-twist.