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

GB/T 3939.3-2026

Replacing GB/T 3939.3-2004

**Nomenclature and marking of main fishing gear materials - Part
3: Ropes**

主要渔具材料命名与标记 第3部分：绳索

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Table of Contents

- 1 Scope
- 3 Ropes Published on 2026-02-
- 4 Naming
 - 4.2 Naming Method
- 5 Sinking Stones. Naming and Marking of Main Fishing Gear Materials Part
 - 5.1 Complete Markup
 - 5.2 Simple Labeling

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 is Part 3 of GB/T 3939 "Naming and Marking of Main Fishing Gear Materials". GB/T 3939 has already published the following parts.

1. Network Cables;

5. Sinking Stones. This document replaces GB/T 3939.3-2004 "Naming and Marking Ropes for Main Fishing Gear Materials" and is consistent with GB/T 3939.3-2004. Compared to previous versions, aside from structural adjustments and editorial changes, the main technical changes are as follows:

---The naming has been changed (see Chapter 4, Chapter 4 of the 2004 edition);

---Added codes for major rope fiber materials and structural types (see Chapters 4 and 5);

---The categories, composition, and representation of the tags have been changed (see Chapter 5, Chapters 5 and 6 of the 2004 edition);

---Added rope grade and rope post-treatment marking information (see 5.1.1, 5.1.2, 5.2.1, 5.2.2);

---Added the code marking content for mixed rope types (see 5.1.2, 5.2.2). Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Fisheries Standardization (SAC/TC156). This document was drafted by: East China Sea Fisheries

Research Institute, Chinese Academy of Fishery Sciences; Zhongyun Marine Equipment (Jiangsu) Co., Ltd.; and Haiyang... Technology Co., Ltd., Shandong Lupu Technology Co., Ltd., Yancheng Shenli Rope Manufacturing Co., Ltd., Yangzhou Xinglun Rope & Cable Co., Ltd., Jiangsu Manjie Ke Co., Ltd., Yangzhou Huayi Rope & Belt Co., Ltd., Shandong Nanshan Zhishang Technology Co., Ltd., Taixing Yongyu New Materials Co., Ltd. Qingdao Xinglun Marine Technology Co., Ltd., Fuzhou Dali Industrial Development Co., Ltd., and Huizhou Yichen Network Technology Co., Ltd. The main drafters of this document are. Shi Jiangao, Chen Jianxin, Dong Hongfei, Wang Junben, Shen Ming, Cao Yiru, Cao Chenrui, Li Sihai, Zhao Shaode, and Yin Xinming. Lin Dawei, Wang Aifang, Pang Xue, and Li Maoju. The document replaced by this document has been released in the following versions.

---Published as GB/T 3941-1983 in 1983, and revised for the first time in.2004 as GB/T 3939.3-2004;

---This is the second revision.

Fishing gear materials refer to the materials used directly to assemble fishing gear, mainly including five categories of products. fishing line, netting, rope, floats, and sinkers. The naming and labeling of major fishing gear materials is to standardize the naming principles and labeling composition of five major product categories, including fishing lines. The marking standards meet the requirements for common exchange and convention regarding fishing gear materials, promote smooth communication, reduce communication barriers, and facilitate production and trade. The smooth progress of activities such as fishing, research, and other related activities. Netting, netting sheets, ropes, floats, and sinkers belong to five major categories of fishing gear materials, and related products... The industry is enormous, and products are generally processed and sold by different companies. Therefore, it is necessary to develop relevant standards for different sectors to provide support for the development of modern fisheries. Technological support. High-quality development of fisheries requires a corresponding standardization system for fishing gear materials. GB/T 3939 "Main Fishing Gear Materials" The "Naming and Marking Standard" aims to standardize the naming and marking of five major categories of fishing gear materials, including fishing line, to facilitate the supervision, production, trade, and cooperation of related products. The exchange, etc., is planned to consist of the following five parts.

1.Network Cables;

1 Scope

GB/T 3939.3-2026 is the Chinese national standard covering how a fishing rope is designated - the material, the construction and lay, and the diameter or runnage, in a code that identifies the product without a specification sheet. It replaces GB/T 3939.3-2004 and has been in force since 1 September 2026, with the float and sinker parts of the series. It was issued on 27 February 2026 and has been in force since 1 September 2026, replacing

GB/T 3939.3-2004. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the terminology and definitions for the naming and marking of main fishing gear materials, specifically fishing ropes, and establishes the principles for naming and marking fishing ropes. composition. This document applies to the production, trade, and management of fishing ropes that have not undergone post-treatment such as impregnation or coating. Other ropes may refer to this document for further information.

3 Ropes Published on 2026-02-

27 Implemented on 2026-09-

01 State Administration for Market Regulation The State Administration for Standardization issued a statement.

4 Naming

4.1 Naming Principles Ropes are named according to the principles of classification based on fiber materials and rope structure.

4.2 Naming Method

4.2.1 Fiber Rope When a fiber rope is composed of a single fiber material, it is named using the Chinese name of the fiber material followed by the fiber rope structure (Table 1). The Chinese names of fiber materials shall be as specified in Table A.1 of Appendix A. When a fiber rope is composed of two or more fiber materials, its main fiber material shall be used. The fiber material names are then connected sequentially using "/", followed by the rope structure name (Table 1). Other fiber ropes and hybrid ropes not listed in Table 1 are also included. For ropes, if the structural type code is clearly specified in the officially published standard, the relevant standard shall apply.

4.2.2 Mixed ropes When the fibers of a hybrid rope are composed of a single fiber material, the Chinese name of the fiber material is used followed by the hybrid rope structure (Table 1) and... Naming of hybrid rope types (Table 2). When the fibers of a hybrid rope consist of two or more fiber materials, they are named in order of their primary and secondary fiber composition. Material names are connected by a "/", followed by the hybrid rope structure (Table 1) and hybrid rope type (Table 2). For materials not listed in Table 2... For other mixed ropes, if the mixed rope code is clearly specified in the officially published standard, the relevant standard shall apply.

5.1 Complete Markup

5.1.1 Fiber ropes The complete marking of a fiber rope is indicated in the following manner.

5.1.2 Mixed Rope The complete marking of mixed ropes is indicated as follows:

5.2 Simple Labeling

5.2.1 Fiber Ropes The simplified marking of fiber ropes is as follows:

5.2.2 Mixed Rope The simplified marking for mixed ropes is as follows: GB/T 3939.3-2026.
Naming and Marking of Main Fishing Gear Materials Part 3. Ropes ICS

56 National Standards of the People's Republic of China Replaces GB/T 3939.3-2004
Naming and Marking of Main Fishing Gear Materials Part