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

GB 6969-2026

Replacing GB 6969-2005

Fire suction hose

消防吸水管

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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 6969-2005 "Fire-fighting Suction Hose". Compared with GB 6969-2005, the main differences are structural adjustments and editorial changes. In addition, the main technological changes are as follows:

- a) A new chapter on "Terms and Definitions" has been added (see Chapter 3);
- b) A new chapter on "Classification and Models" has been added (see Chapter 4);
- c) Increased structural and material requirements for plastic suction pipes (see 5.1);
- d) The appearance quality requirements have been changed (see 5.2, 4.11 of the 2005 version);
- e) The requirements for the inner diameter of the suction pipe have been changed (see 5.3, 4.1 in the 2005 edition);
- f) The requirements for the length of the suction pipe have been changed (see 5.4, 4.1 of the 2005 edition);
- g) Interface performance requirements and inspection methods have been added (see
- h) The mass requirement per unit length has been changed (see 5.6,

4.2 of the 2005 edition);

1 Scope

GB 6969-2026 is the Chinese national standard on fire suction hose, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 27 February 2026 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 March 2027. Classification: ICS 13.220.20, CCS C84. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document defines the terminology for fire-fighting water suction pipes, and specifies their classification and model designation, performance requirements, inspection rules, marking, and instructions for use. The book and packaging describe the corresponding testing methods. This document applies to fire hoses used for pumping water or foam liquid during firefighting and rescue operations.

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 12514 Technical Requirements for Fire Protection Interfaces

GB/T 14905-2020 Determination of interlayer adhesive strength of rubber and plastic hoses

GB/T 16422.2-2022 Plastics - Laboratory Light Source Exposure Test Methods - Part

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Composed of a hose and a fire hose connection, it is used to draw water or foam liquid from natural water sources, fire pools, outdoor fire hydrants, foam storage tanks, etc. Component assembly.

Note. Hereinafter referred to as "suction pipe".

3.2 Straight suction hose A straight, non-bending suction pipe.

3.3 coiled suction hose It is in a coiled state and can be unfolded or pulled out during operation; it is a flexible suction hose.

4.1 Classification

4.1.1 Suction pipes can be classified according to their shape as follows:

- a) Straight-tube water suction pipe;
- b) Coil-type suction pipe.

4.1.2 Water suction pipes can be classified according to their material characteristics as follows: