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

GB 44017-2024

Armouring hose for the connection of gas appliance

燃气用具连接用金属包覆软管

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting: Please note that some of the contents of this document may involve patents: The issuing organization of this document does not assume the responsibility for identifying patents: This document is proposed and coordinated by the Ministry of Housing and Urban-Rural Development of the People's Republic of China: Metal sheathed hose for gas appliance connection

1 Scope

GB 44017-2024 is the Chinese national standard on armouring hose for the connection of gas appliance, in the field of construction materials and building. 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 29 April 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 August 2024. Classification: ICS 91.140, CCS P45. 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 specifies the classification, specifications and models, materials,

appearance, structure and dimensions, performance requirements of metal sheathed hoses for gas appliance connections: Requirements, test methods, inspection rules, marking and installation instructions, packaging, transportation and storage: This document is applicable to the transmission medium of town gas, the nominal size is not greater than DN15, the maximum working pressure is 0.01MPa, and the use environment Metal connection between indoor gas pipelines or bottled liquefied petroleum gas pressure regulator outlets and user gas burning appliances at temperatures between -10°C and 70°C Cover the hose: This document is not applicable to metal-clad hoses for connection of conveying media containing dimethyl ether:

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document: For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document:

GB/T 191 Pictorial markings for packaging, storage and transportation

GB/T 196 Basic dimensions of common threads

GB/T 1220 Stainless Steel Bars

GB/T 2518 Continuously hot-dip galvanized and zinc alloy coated steel sheets and strips
GB/T 2828:

1 Sampling procedures for inspection by attributes Part 1: Sampling plans for batch inspection based on the acceptance quality limit (AQL)

GB/T 3280 Stainless steel cold-rolled steel sheets and strips

GB/T 4240 Stainless steel wire

GB/T 5231 Grades and chemical compositions of processed copper and copper alloys

GB/T 7307 55° non-sealed pipe thread

GB/T 8815 Soft polyvinyl chloride plastics for wires and cables

GB/T 9576 Guide for the selection, storage, use and maintenance of rubber and plastic hoses and hose assemblies

GB/T 9577 Rules for marking, packaging and transportation of rubber and plastic hoses and hose assemblies

GB/T 10125 Artificial atmosphere corrosion test Salt spray test

3 Terms and definitions

The following terms and definitions apply to this document: 3:

1 With connecting joints at both ends, the inner layer is a rubber composite hose (referred to as "inner layer hose"), and the outer layer is a coating layer and a flexible metal coating layer: Protection, a fixed length pipe used to connect gas burning appliances to indoor gas pipelines or to bottled liquefied petroleum gas pressure regulators:

Note: Abbreviated as "clad tube":