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

GB/T 46229-2025

Rubber hoses for sand and grit blasting

喷砂用橡胶软管

(English Translation)

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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.

This document is equivalent to ISO 3861:2021 "Rubber hoses and hose assemblies for abrasive blasting".

The following minimal editorial changes have been made to this document.

--- Changed the name of the standardization document to "Rubber hose for sandblasting" to coordinate with the existing standardization document;

Introduction

This document specifies rubber hoses for use with abrasive blasting. When the hoses are fitted with couplings, this document also contains requirements for the hose assemblies.

Rubber hose for sandblasting Warning. Personnel using this document should have formal laboratory work experience. This document does not indicate all possible safety issues.

It is your responsibility to take appropriate health and safety measures and ensure compliance with relevant national laws and regulations.

1 Scope

This document specifies the requirements for rubber hoses and hose assemblies for wet and dry blasting, suitable for use with a maximum working pressure of 0.63MPa, operating temperature range of -25°C~70°C hoses and hose assemblies.

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 3512-2014 Rubber, vulcanized or thermoplastic - Hot air accelerated aging and heat resistance tests (ISO 188:2011, IDT) ISO 37 Rubber, vulcanized or thermoplastic rubber - Determination of tensile stress-strain properties Note. GB/T 528-2009 Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties (ISO 37:2005, IDT) Note. GB/T 9575-2013 Rubber and plastic hoses - Specifications and maximum and minimum inside diameters and cut length tolerances (ISO 1307:2006, IDT) assemblies-Hydrostatic testing) Note. GB/T 5563-2025 Rubber and plastic hoses and hose assemblies - Test methods for hydrostatic pressure (ISO 1402:2021, IDT) ISO 4649:2017 Rubber, vulcanized or thermoplastic rubber - Determination of abrasion resistance (rotating roller abrader method) Note. GB/T 9867-2008 Rubber, vulcanized or thermoplastic - Determination of abrasion resistance (rotating roller abrader method) (ISO 4649:2002, IDT) ISO 4671 Rubber and plastics hoses and hose assemblies - Methods of measuring hose dimensions and hose assembly lengths Note. GB/T 9573-2013 Rubber and plastic hoses and hose assemblies - Hose dimensions and hose assembly length measurement methods (ISO 4671:2007, IDT) Note. GB/T 24134-2009 Rubber and plastic hoses - Evaluation of ozone resistance under static conditions (ISO 7326:2006, IDT) Note. GB/T 9572-2013 Rubber and plastic hoses and hose assemblies - Determination of electrical resistance and conductivity (ISO 8031:2009, IDT) Note. GB/T 14905-2020 Rubber and plastic hoses - Determination of interlayer adhesion strength (ISO 8033:2016, IDT)