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

GB/T 9574-2017

Replacing GB/T 9574-2001

**Rubber and plastics hoses and hose assemblies -- Ratios of
proof and burst pressure to maximum working pressure**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 9574-2001 "Rubber and plastic hose and hose assembly test pressure, burst pressure and design work

Pressure ratio ", compared with GB/T 9574-2001 main technical changes are as follows.

- "test pressure" to "test pressure" (see cover, Chapter 1, Chapter 4);
- "design work pressure" changed to "maximum working pressure" (see the cover, Chapter 1, Chapter 4, Chapter 5);
- Added terms and definitions (see Chapter 3);
- Added "new category for conveying cement, concrete, mortar and grout hoses" (see table 1).

This standard uses the translation method identical with ISO 7751.2016 "Rubber and plastic hoses and hose assemblies to verify the pressure, burst pressure

The maximum working pressure ratio. "

This standard made the following editorial changes.

- Delete the text "bar" units that only keep "MPa" unit said.

The documents of our country that are consistent with the corresponding international documents that are normative references in this standard are as follows.

- GB/T 5563-2013 Rubber and plastics hoses and hose assemblies - Hydrostatic test method (ISO 1402.2009, IDT)
- GB/T 7528-2011 Rubber and plastics hoses and hose assembly terms (ISO 8330.2007, IDT)

This standard proposed by the China Petroleum and Chemical Industry Federation.

This standard by the National Rubber and Rubber Products Standardization Technical Committee (SAC/TC35) centralized.

This standard was drafted unit. Nanjing lied Orient Rubber Technology Co., Ltd., Shenyang Rubber Research Institute Co., Ltd..

1 Scope

This standard specifies the use of various types of hose verification pressure, the minimum burst pressure and the maximum working pressure ratio.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO 1402 Rubber and plastics hoses and hose assemblies - Hydrostatic test method
(Rubberandplasticshosesandhose
assemblies-Hydrostatictesting)

ISO 8330 Rubber and plastic hoses and hose assembly terms
(Rubberandplasticshosesandhoseassemblies-
Vocabulary)

3 Terms and definitions

ISO 8330 defined terms and definitions apply to this document.

ISO and IEC set up a terminology database for standardization at the following URL.

4 Verify the pressure ratio

Test methods to verify the pressure and test procedures see ISO 1402 regulations.

Unless otherwise specified, the ratio of verification pressure to maximum working pressure in the relevant hose and/or hose assembly product standard shall be

Table 1 is consistent and the pressure given in this table is used as a guide only. Hose product standards when the provisions of the different pressures, the hose test should be

Use the pressure specified in the hose product standard.

5 minimum burst pressure ratio

The test methods and test procedures for burst pressure are given in ISO 1402.

Unless otherwise specified, the ratio of the minimum burst pressure to the maximum working pressure in the relevant hose and/or hose assembly product standard

Should comply with the provisions of Table 1.

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