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

GB/T 24144-2009

**Fire-fighting hoses-Rubber and plastics suction hoses and
hose assemblies**

消防软管 橡胶和塑料吸引软管和软管组合件

(English Translation)

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Foreword

This standard is equivalent to international standards ISO 14557:2002 "Fire Hose Rubber and plastic hoses and hose assemblies attract" (In English).

This standard is equivalent translation ISO 14557:2002.

GB/T 7528 is a modified adoption of international standards ISO 8330 Chapter 2 of this standard references 1998, covered by this standard vocabulary and the National International standards.

For ease of use, this standard also made the following editorial changes.

- a) "this International Standard" be replaced by "this standard";
- b) use a decimal point instead of a decimal comma ",. ", ";
- c) Remove international standards introduction, preface;
- d) adding a reference, as in the notes to 6.6 GB/T 18424-2001 is cited as an information content, so its columns the reference.

The Standard Appendix A, Appendix B, Appendix C, Appendix D, Appendix E is a normative appendix, Appendix F for the informative appendix.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Rubber and rubber products hose Standardization Technical Committee Technical Committee (SAC/TC35/SC1) centralized.

Introduction

This standard applies to manual water supply is not pressurized fire hose to pump attract.

GB/T 24144-2009/ISO 14557:2002 Fire Hose Rubber and plastic hoses and hose

assemblies attract

1 Scope

This standard specifies the requirements and test methods for fire rubber and plastic hoses attract.

Note 1: All the pressure is expressed in MPa. 1MPa = 10bar.

This standard also specifies requirements for hose assemblies. Hose assemblies have been fitted with means of hose fittings, hose assembly is made Factory made (see Chapter 8).

A type (rubber) hose is suitable for -20 °C lowest temperature, B-type (thermoplastics) hose is suitable for a minimum temperature of -10 °C.

Note 2: The hose lower than the predetermined temperature can be used in manufacturing supply agreement with the purchaser. In this case, the low temperature flexibility tests (See 6.3) should be carried out at a predetermined temperature.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 5563 Rubber and plastics hoses and hose assemblies - Hydrostatic testing method (GB/T 5563-2006, ISO 1402.

1994, IDT)

GB/T 5564-2006 Rubber and plastic hoses low flexing test (ISO 4672:1997, IDT) GB/T 5565 rubber or plastic tubing and hose bending test non-enhanced (GB/T 5565-2006, ISO 1746:1998, IDT) GB/T 5567 Rubber and plastics hoses and hose assemblies - Determination of resistance to suction flat properties (GB/T 5567-2006, ISO 7233.

1991, IDT)

GB/T 7528 Rubber and plastics hoses and hose assemblies term (GB/T 7528-2002, ISO 8330:1998, MOD) GB/T 9573 Rubber and plastics hoses and hose assemblies size measurement method (GB/T 9573-2003, ISO 4671:1999, IDT) GB/T 9575 General Industrial Rubber and plastics hose diameters and tolerances, and tolerances on length (GB/T 9575-2003, ISO 1307:1992, IDT) Determination of GB/T 14905 Rubber and plastic hoses adhesion strength between layers (GB/T 14905-2009, ISO 8033:2006, IDT) GB/T 24134-2009 Evaluation of ozone resistance under static conditions rubber and plastic hose

(ISO 7326:2006, IDT) ISO 176. 1976 Determination of loss of plasticizer activated carbon

3 Terms and Definitions

GB/T 7528 established the terms and definitions apply to this standard.

Category 4

4.1 Typed (hose structure)

A hose should contain.

a) uniform thickness, concentricity and without proper holes, voids and other defects in the rubber inner liner;

GB/T 24144-2009/ISO 14557:2002