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

GB/T 20462.2-2006

**Thermoplastic tubing and hoses for automotive use -- Part 2:
Petroleum-based-fuel applications**

汽车用热塑性非增强软管和软管 第2部分：石油基燃油用

(English Translation)

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Foreword

GB/T 20462-2006 "Thermoplastic tubing and hoses for automotive use"

includes the following 2 parts:

- Part 1: Non-fuel applications;
- Part 2: Petroleum-based-fuel applications.

This Part is Part 2 of GB/T 20462-2006.

This Part is identical to ISO 13775-2:2000 "Thermoplastic tubing and hoses for automotive use - Part 2: Petroleum-based-fuel applications" (English edition).

This Part is identical to the translation of ISO 13775-2:2000.

For ease of use, this Standard also makes the following editorial changes:

- a) The word "this International Standard" is changed to "this Part";
- b) USE the decimal point "." instead of the comma "," as a decimal point;
- c) Delete the Foreword of the international standard.

Annex A in this Part is an informative annex. Annexes B and C are normative annexes.

This Part was proposed by China Petroleum and Chemical Industry Association.

This Part shall be under the jurisdiction of Subcommittee 1 on Hose, China

National Standardization Technical Committee on Rubber and Rubber Products

(SAC/TC 35/SC 1).

Drafting organization of this Part: Taizhou Changli Resin Tube Co., Ltd.

Main drafters of this Part: Peng Weixiang, Wang Yimin, Yao Qin.

This Part is issued for the first time.

Thermoplastic tubing and hoses for automotive use -

Part 2: Petroleum-based-fuel applications

1 Scope

This Part of GB/T 20462 specifies the construction, type, dimensions, test requirements, and test methods for six types of extruded thermoplastic tubing and hoses with a nominal bore of 2 mm~14 mm for use in petroleum-based-fuel lines in vehicles powered by internal-combustion engines.

2 Normative references

The following documents contain provisions which, through reference in this Part of GB/T 20462, constitute provisions of this Part. For the dated references, their subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest editions of these documents are applicable. For undated reference documents, the latest editions apply to this Part.

GB/T 9572 Rubber and plastics hoses and hose assemblies - Determination of electrical resistance (GB/T 9572-2001, idt ISO 8031:1993)

GB/T 18423 Rubber and plastics hoses and tubing - Determination of transmission of liquids through hose and tubing walls (GB/T 18423-2001, idt ISO 8308:1993)

ISO 188 Rubber, vulcanized or thermoplastic - Accelerated ageing and heat resistance tests

ISO 1402 Rubber and plastics hoses and hose assemblies - Hydrostatic testing

ISO 1746 Rubber or plastics hoses and tubing - Bending tests

ISO 1817 Rubber, vulcanized - Determination of the effect of liquids

ISO 4639-3:1995 Rubber tubing and hoses for fuel circuits for internal-combustion engines - Specification - Part 3: Oxidized fuels

ISO 4925 Road vehicles - Non-petroleum base brake fluid

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