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Rubber and plastics hoses - Method of test for flammability (ISO 8030:2014)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/15

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**Rubber and plastics hoses - Method of test for flammability (ISO 8030:2014)**

Tuyaux en caoutchouc et en plastique - Méthode d'essai d'inflammabilité (ISO 8030:2014)

Gummi- und Kunststoffschläuche - Verfahren zur Prüfung der Entflammbarkeit (ISO 8030:2014)

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## Foreword

This document (EN ISO 8030:2014) has been prepared by Technical Committee ISO/TC 45 "Rubber and rubber products" in collaboration with Technical Committee CEN/TC 218 "Rubber and plastics hoses and hose assemblies" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2015, and conflicting national standards shall be withdrawn at the latest by January 2015.

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### Endorsement notice

The text of ISO 8030:2014 has been approved by CEN as EN ISO 8030:2014 without any modification.

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## **Rubber and plastics hoses — Method of test for flammability**

*Tuyaux en caoutchouc et en plastique — Méthode d'essai  
d'inflammabilité*





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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

The committee responsible for this document is ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Rubber and plastics hoses and hose assemblies*.

This third edition cancels and replaces the second edition (ISO 8030:1995), which has been technically revised.

The method of test in this edition is now based on a gas burner which has replaced the spirit burner which was specified in the previous edition.



# Rubber and plastics hoses — Method of test for flammability

## 1 Scope

This International Standard specifies a method for assessing the flammability of hoses, except for hoses intended for use with petroleum fuels for combustion engines. The method is restricted to hoses of sizes up to and including nominal bore of 50 mm.

NOTE 1 The user is referred to the applicable hose standard for flame/afterglow requirements.

NOTE 2 The method of test for flammability of hoses for use with petroleum fuels is given in ISO 13774[1].

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8056-1, *Aircraft — Nickel-chromium and nickel-aluminium thermocouple extension cables — Part 1: Conductors — General requirements and tests*

ISO 9162, *Petroleum products — Fuels (class F) — Liquefied petroleum gases — Specifications*

ISO 23529, *Rubber — General procedures for preparing and conditioning test pieces for physical test methods*

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