

**SLOVENSKI STANDARD
SIST EN ISO 11758:2000****01-december-2000**

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Rubber and plastics hoses - Exposure to a xenon arc lamp - Determination of changes in colour and appearance (ISO 11758:1995)

Gummi- und Kunststoffschläuche - Bestrahlung mit Xenonbogenlampe - Bestimmung der Änderungen von Farbe und Aussehen (ISO 11758:1995)

Tuyaux en caoutchouc et en plastique - Exposition a la lampe a arc au xénon - Détermination du changement de coloration et d'aspect (ISO 11758:1995)

<https://standards.iteh.ai/catalog/standards/sist/73a471ed-d9bc-4346-b4bf-22e87d2b8410/sist-en-iso-11758-2000>

Ta slovenski standard je istoveten z: EN ISO 11758:1997

ICS:

23.040.70 Gumene cevi in armature Hoses and hose assemblies

SIST EN ISO 11758:2000**en**

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EUROPEAN STANDARD

EN ISO 11758

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1997

ICS 23.040.70

Descriptors: See ISO document

English version

**Rubber and plastics hoses - Exposure to a xenon
arc lamp - Determination of changes in colour and
appearance (ISO 11758:1995)**

Tuyaux en caoutchouc et en plastique
Exposition à la lampe à arc au xénon
Détermination du changement de coloration et
d'aspect (ISO 11758:1995)

Gummi- und Kunststoffschläuche - Bestrahlung
mit Xenonbogenlampe - Bestimmung der Änderungen
von Farbe und Aussehen (ISO 11758:1995)

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This European Standard was approved by CEN on 1997-04-21. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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EN ISO 11758:1997

Foreword

The text of the International Standard from Technical Committee ISO/TC 45 "Rubber and rubber products" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 November 1997, and conflicting national standards shall be withdrawn at the latest by November 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 11758:1995 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 105-A02	1993	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour	EN 20105-A02	1994

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INTERNATIONAL
STANDARD

ISO
11758

First edition
1995-08-15

**Rubber and plastics hoses — Exposure
to a xenon arc lamp — Determination
of changes in colour and appearance**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

*Tuyaux en caoutchouc et en plastique — Exposition à la lampe à arc
au xénon — Détermination du changement de coloration et d'aspect*

SIST EN ISO 11758:2000

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Reference number
ISO 11758:1995(E)

ISO 11758:1995(E)**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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11758 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Hoses (rubber and plastics)*.

Annexes A, B and C form an integral part of this International Standard.

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International Organization for Standardization
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Introduction

Measuring the effect of a light source on hoses is of value as a means of inspecting the conservation of the colour, which is often indicative, and the integrity of the coating material that protects the components making up the hose.

Accordingly, this International Standard pursues a threefold aim:

- a) to carry out accelerated artificial ageing using existing material, with a source approximating as closely as possible to natural light;
- b) to measure the effects of this light source on hoses;
- c) to set a limit on deterioration, by agreement between the manufacturer and the user.

A related International Standard is ISO 8580:1987, *Rubber and plastics hoses — Determination of ultra-violet resistance under static conditions*, which refers only to fluorescent lights.

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The only other International Standard in this field, ISO 4665-3:1987, *Rubber vulcanized — Resistance to weathering — Part 3: Methods of exposure to artificial light*, is not specific to hoses.