



SLOVENSKI STANDARD
SIST EN ISO 3861:2000
01-december-2000

Gumene cevi za peskanje - Specifikacija (ISO 3861:1995)

Rubber hoses for sand and grit blasting - Specification (ISO 3861:1995)

Gummischläuche zum Sandstrahlen - Anforderung (ISO 3861:1995)

Tuyaux en caoutchouc pour sablage et grenailage - Spécifications (ISO 3861:1995)

Ta slovenski standard je istoveten z: EN ISO 3861:1997

[SIST EN ISO 3861:2000](https://standards.iteh.ai/catalog/standards/sist/c435f821-6bd9-4ec2-877c-2712836bd098/sist-en-iso-3861-2000)

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ICS:

83.140.40 Gumene cevi Hoses

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EUROPEAN STANDARD

EN ISO 3861

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1997

ICS 23.040.70

Descriptors: See ISO document

English version

**Rubber hoses for sand and grit blasting -
Specification (ISO 3861:1995)**Tuyaux en caoutchouc pour sablage et
grenailage - Spécifications (ISO 3861:1995)Gummischläuche zum Sandstrahlen - Anforderung
(ISO 3861:1995)**(standards.iteh.ai)**[SIST EN ISO 3861:2000](https://standards.iteh.ai/catalog/standards/sist/c435821-6bd9-4ec2-877c-2712836bd098/sist-en-iso-3861-2000)<https://standards.iteh.ai/catalog/standards/sist/c435821-6bd9-4ec2-877c-2712836bd098/sist-en-iso-3861-2000>

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.

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

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

Page 2
EN ISO 3861:1997

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 3861:1995 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 1307	1992	Rubber and plastics hoses for general-purpose industrial applications - Bore diameters and tolerances, and tolerances on length	EN ISO 1307	1995
ISO 1402	1994	Rubber and plastics hoses and hose assemblies - Hydrostatic testing	EN ISO 1402	1996
ISO 1746	1983	Rubber or plastics hoses and tubing - Bending tests	EN 21746	1993
ISO 4671	1984	Rubber and plastics hoses and hose assemblies - Methods of measurement of dimensions	EN 24671	1993
ISO 7326	1991	Rubber and plastics hoses - Assessment of ozone resistance under static conditions	EN 27326	1993
ISO 8031	1993	Rubber and plastics hoses and hose assemblies - Determination of electrical resistance	EN 28031	1993
ISO 8033	1991	Rubber and plastics hoses - Determination of adhesion between components	EN 28033	1993

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INTERNATIONAL
STANDARD

ISO
3861

Second edition
1995-08-01

**Rubber hoses for sand and grit blasting —
Specification**

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Tuyaux en caoutchouc pour sablage et grenailage — Spécifications

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Reference number
ISO 3861:1995(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 3861 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Hoses (rubber and plastics)*.

This second edition cancels and replaces the first edition (ISO 3861:1977), which has been technically revised. The major changes compared with the 1977 edition are as follows:

- a) the title and scope have been expanded to include sand-blasting as well as grit-blasting;
- b) additional bore sizes have been added and changes made to the tolerance of the 20 mm and 40 mm bore sizes;
- c) the thickness of the cover has been specified as an additional requirement;
- d) the value for the elongation at break of the lining has been reduced from 500 % to 400 %, the tensile strength of the cover has been reduced from 12 MPa to 10 MPa, and an abrasion resistance test for the lining has been added;
- e) testing of physical properties is carried out on test sheets;
- f) an ozone resistance requirement has been added;

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- g) the test for electrical properties is now in accordance with ISO 8031 and an alternative method for the dissipation of static electricity is included;
- h) a marking clause has been added.

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