

INTERNATIONAL STANDARD

ISO
3861

Second edition
1995-08-01

Rubber hoses for sand and grit blasting — Specification

iTeh Standards
Tuyaux en caoutchouc pour sablage et grenaillage — Spécifications
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[ISO 3861:1995](#)

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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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