# INTERNATIONAL STANDARD

ISO 3861

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# Rubber hoses for sand and grit blasting — Specification

Tuyaux en caoutchouc pour sablage et grenaillage — Spécifications



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## Foreword

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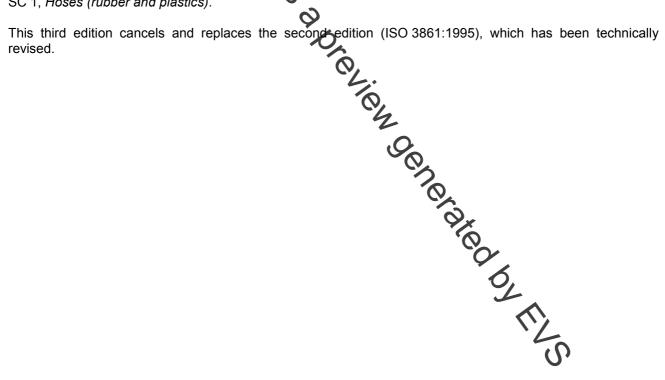
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ISO 3861 was prepared by Technical Committee ISO/TC 45, Rubber and rubber products, Subcommittee SC 1, Hoses (rubber and plastics).

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# Rubber hoses for sand and grit blasting — Specification

WARNING — Persons using this International Standard should be familiar with normal laboratory practice. This standard does not purport to address all the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate health and safety practices and to ensure compliance with any national regulatory conditions.

#### 1 Scope

This International Standard opecifies the requirements for rubber hoses for wet and dry sand and grit blasting, suitable for use up to a maximum working pressure of 6,3 bar and over an operating temperature range of -25 °C to +70 °C.

### 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 37, Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties

ISO 188:1998, Rubber, vulcanized or thermoplastic Scelerated ageing and heat resistance tests

ISO 1307, Rubber and plastics hoses for general-purpose industrial applications — Bore diameters and tolerances, and tolerances on length

ISO 1402, Rubber and plastics hoses and hose assemblies — http://www.setup.com/

ISO 1746:1998, Rubber or plastics hoses and tubing — Bending tests,

ISO 4649:2002, Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device

ISO 4671, Rubber and plastics hoses and hose assemblies — Methods of **measurement** of dimensions

ISO 4672:1997, Rubber and plastics hoses — Sub-ambient temperature flexibility tests

ISO 7326:1991, Rubber and plastics hoses — Assessment of ozone resistance understatic conditions

ISO 8031, Rubber and plastics hoses and hose assemblies — Determination of electrical resistance

ISO 8033, Rubber and plastics hoses — Determination of adhesion between components

ISO 8330, Rubber and plastics hoses and hose assemblies — Vocabulary

### 3 Terms and definitions

For the purposes of this document, the terms and definitions in ISO 8330 apply.