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Third edition
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Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies

Tuyaux et flexibles en caoutchouc et en plastique — Méthodes de mesurage des dimensions des tuyaux et de la longueur des flexibles



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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.

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The main task of technical committees is to prepare International Standards. 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 4671 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 1, *Hoses (rubber and plastics)*.

This third edition cancels and replaces the second edition (ISO 4671:1999), which has been technically revised. The main changes are the following:

- a clause has been added (Clause 3) specifying details of test piece conditioning and temperature of measurement;
- in 4.2, the use of tapered gauges has been added;
- in Clause 4, an additional method of measuring the inside diameter has been included (4.8);
- in Clause 5, an additional method of measuring the outside diameter has been included (5.6);
- in 7.1, the parts of hoses at which readings are to be taken have been specified;
- in 8.1, the parts of the hoses at which readings are to be taken have been specified;
- in Clause 8, three additional methods of measuring the concentricity have been included (8.4, 8.5 and 8.6);
- in 9.2, the method of measuring the lining and cover thickness has been modified.