

INTERNATIONAL STANDARD

ISO
4074-2

Second edition
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Rubber condoms —
Part 2:
Determination of length

Préservatifs masculins en caoutchouc —
Partie 2: Détermination de la longueur



Reference number
ISO 4074-2:1994(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 4074-2 was prepared by Technical Committee ISO/TC 157, *Mechanical contraceptives*.

This second edition cancels and replaces the first edition (ISO 4074-2:1980) of which it constitutes a technical revision.

ISO 4074 consists of the following parts, under the general title *Rubber condoms*:

- Part 1: *Requirements*
- Part 2: *Determination of length*
- Part 3: *Determination of width*
- Part 4: *Determination of colour fastness*
- Part 5: *Testing for holes — Water leak test*
- Part 6: *Determination of bursting volume and pressure*
- Part 7: *Oven conditioning*
- Part 9: *Determination of tensile properties*
- Part 10: *Packaging and labelling — Condoms in consumer packages*

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Rubber condoms —

Part 2: Determination of length

1 Scope

This part of ISO 4074 specifies a method of determining the length of rubber condoms.

2 Principle

Free hanging of the unrolled condom over a graduated mandrel and measurement of its length, the reservoir excluded.

3 Equipment

A **mandrel** with a scale divided into millimetres and having the dimensions shown in figure 1, with the zero beginning at the rounded end.

4 Procedure

4.1 Move the condom inside the package such that it is away from the area where the package is to be torn. Tear the package and remove the condom.

In no circumstance use scissors or other sharp instruments to open the package.

4.2 Unroll the condom, stretch it slightly twice but by no more than 20 mm to smooth out the wrinkles caused by the condom having been rolled up.

NOTE 1 Lubricants may be removed and suitable powders may be added to avoid sticking.

4.3 Put the condom over the mandrel and let it hang freely, stretched only by its own weight.

4.4 Note, to the nearest millimetre, the smallest value of the length of the condom that can be read on the scale outside the open end of the condom.

5 Test report

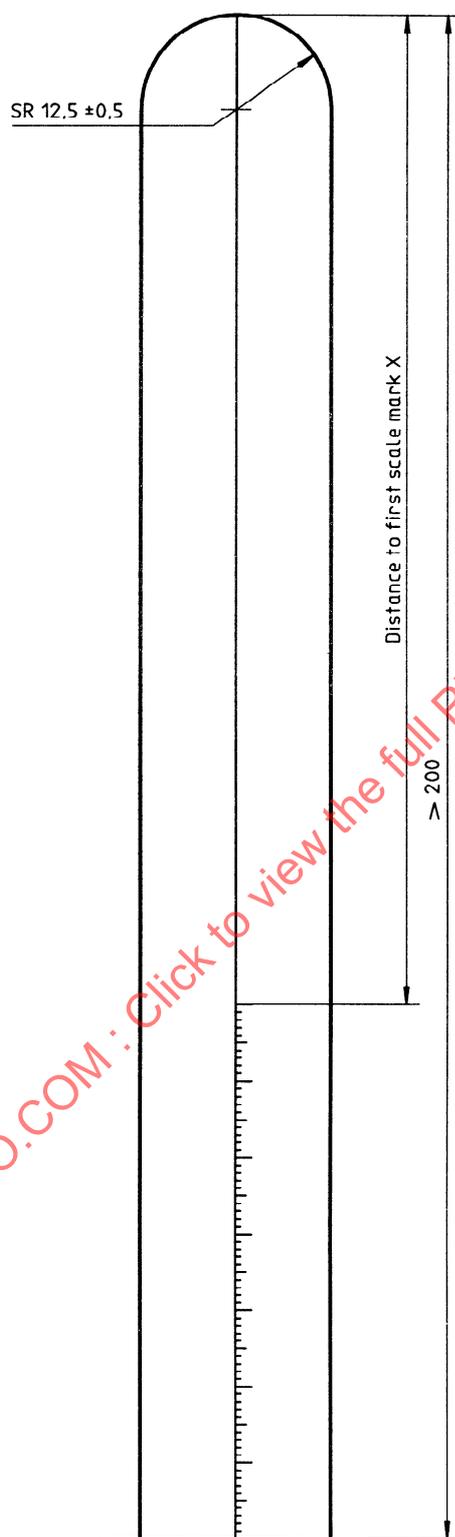
The test report shall include the following information:

- a) identification of the sample, e.g. batch number;
- b) the length measured in accordance with 4.4;
- c) the date of the test.

6 Condom disposal

Condoms subjected to this test may also be used for determination of width but shall be destroyed after testing.

Dimensions in millimetres



NOTES

- 1 The zero point of the measuring scale is on the top of the hemisphere.
- 2 The measuring scale shall be marked in millimetres in the region of measurement.

Figure 1 — Mandrel for determining length of condom

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