

INTERNATIONAL STANDARD

ISO
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Third edition
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Rubber condoms —

Part 5:

Testing for holes — Water leak test

Préservatifs masculins en caoutchouc —

Partie 5: Essai pour la détection des trous — Détection par fuite d'eau



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 4074-5 was prepared by Technical Committee ISO/TC 157, *Mechanical contraceptives*.

This third edition cancels and replaces the second edition (ISO 4074-5:1984), 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 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 5:

Testing for holes — Water leak test

1 Scope

This part of ISO 4074 specifies the method of testing a rubber condom for holes by observing any leakage from the condom after it has been filled with water.

2 Principle

Filling the condom with a specified volume of water and examining for visible water leakage through the wall of the suspended condom. In the absence of any leakage the condom is then rolled on coloured absorbent paper which is subsequently examined for signs of leakage.

3 Equipment

3.1 Mounting equipment suitable for mounting the condom at its open end, allowing it to be suspended, with a means of filling the condom with water while it is suspended. An example of a suitable mount is given in figure 1.

3.2 Coloured absorbent paper.

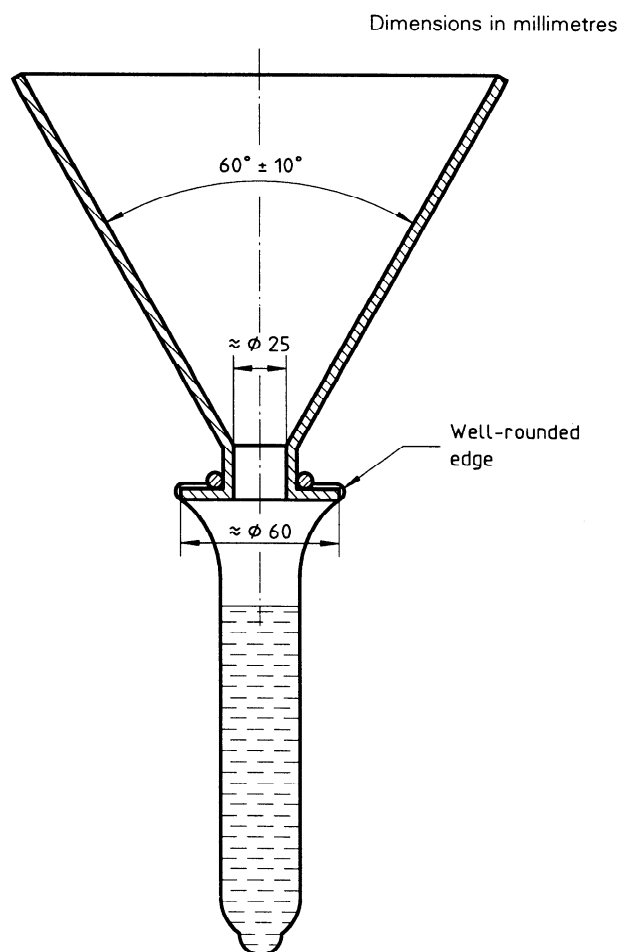


Figure 1 — Suitable mount