



**ISO 5364**

**Anaesthetic and respiratory  
equipment — Oropharyngeal  
airways**

*Matériel d'anesthésie et de réanimation respiratoire — Canules  
oropharyngées*

**Sixth edition  
2026-05**



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2026

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

This is a preview of ISO 5364:2026. [Click here to purchase the full version from the ANSI store.](#)

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 General requirements</b> .....	<b>2</b>
4.1 General.....	2
4.2 Safety.....	2
<b>5 Materials</b> .....	<b>2</b>
5.1 General.....	2
5.2 Material requirements.....	2
<b>6 Design requirements</b> .....	<b>2</b>
6.1 General.....	2
6.2 Size designation.....	2
6.3 Dimensions.....	4
<b>7 Cleaning disinfection and sterilization</b> .....	<b>4</b>
<b>8 Information to be supplied by the manufacturer</b> .....	<b>5</b>
8.1 General.....	5
8.2 Marking.....	5
8.3 Marking of shelf or multi-unit packs.....	6
<b>Annex A (informative) Rationale</b> .....	<b>7</b>
<b>Annex B (normative) Test method for resistance to collapse of the buccal portion</b> .....	<b>9</b>
<b>Annex C (normative) Test method for patency of lumen</b> .....	<b>11</b>
<b>Annex D (informative) Guidance on materials and design</b> .....	<b>13</b>
<b>Bibliography</b> .....	<b>14</b>

This is a preview of ISO 5364:2026. [Click here to purchase the full version from the ANSI store.](#)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at [www.iso.org/patents](http://www.iso.org/patents). ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 121, *Anaesthetic and respiratory equipment*, Subcommittee SC 2, *Airway devices and related equipment*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 215, *Respiratory and anaesthetic equipment*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This sixth edition cancels and replaces the fifth edition (ISO 5364:2016), which has been technically revised.

The main changes are as follows:

- this document has been rewritten to follow the format of ISO 18190;
- the temperature of testing the lumen of the buccal portion and patency has changed from 34 °C to 40 °C to reflect the ambient conditions that can be reached in emergency use in some countries.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

This is a preview of ISO 5364:2026. [Click here to purchase the full version from the ANSI store.](#)

This document specifies dimensions and other requirements for *oropharyngeal airways*.

Airway size is designated by length, which is important when selecting an *oropharyngeal airway* to hold forward the base of the tongue to prevent obstruction of the airway by the soft tissues.

Airway size is indicated by a legible marking and by a colour code, which are important to allow rapid identification and selection in emergencies.

NOTE The terms defined in [Clause 3](#) are denoted throughout the document in *italic font*.