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Dentistry - Elastomeric impression and bite registration materials (ISO 4823:2025)

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This standard includes the English version of the European Standard.

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Dentistry - Elastomeric impression and bite registration materials (ISO 4823:2025, Corrected version 2025-08)

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Zahnheilkunde - Elastomere Abform- und Bissregistriermaterialien (ISO 4823:2025, korrigierte Fassung 2025-08)

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European foreword

This document (EN ISO 4823:2025) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

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International Standard

ISO 4823

Dentistry — Elastomeric impression and bite registration materials

*Médecine bucco-dentaire — Produits pour empreintes et
matériaux pour enregistrement des rapports intermaxillaires à
base d'élastomères*

**Sixth edition
2025-06**

**Corrected version
2025-08**

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ISO 4823:2025(en)**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.

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).

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This document was prepared by Technical Committee ISO/ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This sixth edition cancels and replaces the fifth edition (ISO 4823:2021), which has been technically revised.

The main changes are as follows:

- packaging and instructions for use requirements have been updated;
- editorial corrections have been made.

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.

This corrected version of ISO 4823:2025 incorporates the following corrections:

- In [7.2.1.2](#), in the key and in NOTE 1 to [Figure A.1](#), the value "(0,5 ± 0,2) ml" was corrected to "(0,5 ± 0,02) ml".

Dentistry — Elastomeric impression and bite registration materials

1 Scope

This document specifies the requirements and their test methods for elastomeric impression and bite registration materials.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 48-4, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 4: Indentation hardness by durometer method (Shore hardness)*

ISO 1942, *Dentistry — Vocabulary*

ISO 6873, *Dentistry — Gypsum products*

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