

# INTERNATIONAL STANDARD

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**21606**

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## **Dentistry — Elastomeric auxiliaries for use in orthodontics**

*Art dentaire — Auxiliaires élastomères utilisés en orthodontie*



Reference number  
ISO 21606:2007(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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 21606 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*.

## Introduction

This first edition of ISO 21606 has been developed as a result of the difficulty often encountered by clinicians in making meaningful comparisons between elastomeric auxiliaries using the information currently available from manufacturers and suppliers.

Specific qualitative and quantitative requirements for freedom from biological hazards are not included in this International Standard, but it is recommended that in assessing possible biological hazards reference should be made to ISO 10993-1 and ISO 7405.

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# Dentistry — Elastomeric auxiliaries for use in orthodontics

## 1 Scope

This International Standard is applicable to all elastomeric auxiliaries including orthodontic elastics, elastomeric bands, chains, links, thread and ligatures used for orthodontics both inside and outside the mouth, in conjunction with fixed and removable appliances.

## 2 Normative references

The following referenced documents are indispensable for the application 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 1942<sup>1)</sup>, *Dentistry — Vocabulary*

ISO 3696:1987, *Water for analytical use — Specification and test methods*

ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions of ISO 1942 and the following apply.

### 3.1

#### **orthodontic elastics**

intra-oral and extra-oral elastomeric rings used to apply forces to teeth

### 3.2

#### **orthodontic thread**

elastomeric thread (may be hollow) of constant cross-section used to apply forces to teeth

### 3.3

#### **orthodontic elastomeric chain**

interconnected elastomeric rings or a multi-perforated elastomeric band used to apply forces to teeth

### 3.4

#### **orthodontic elastomeric ligatures**

elastomeric rings used to retain wires to orthodontic attachments

### 3.5

#### **orthodontic elastomeric separators**

elastomeric products used to open interproximal spaces between teeth

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1) To be published. (Replaces ISO 1942, parts 1 to 5)