
**Composition cork — Gasket material
— Test methods**

*Aggloméré composé de liège — Joints pour industries mécaniques —
Méthodes d'essai*



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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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.

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 documents 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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 87, *Cork*.

This third edition cancels and replaces the second edition (ISO 4708:2000). The major amendments are technical changes introduced in [Clause 4](#), [Clause 5](#) and [Annex A](#).

Composition cork — Gasket material — Test methods

1 Scope

This International Standard specifies test methods to determine the characteristics of agglomerated composition cork and rubbercork to be used as gaskets in the mechanical industry. The following characteristics are considered:

- thickness,
- apparent density,
- tensile strength,
- compressibility and recovery,
- flexibility,
- resistance to boiling water,
- behaviour in fluids.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 633, *Cork — Vocabulary*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 7322:2014, *Composition cork — Test methods*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 633 and the following apply.

3.1

composition cork

product obtained from the agglutination of cork granules with the addition of a binder generally not derived from cork wood cells

3.2

rubbercork

product manufactured as a compound of cork granules and rubber, which can be used either in the form of granules or as a binder

3.3

failure

appearance of any crack, break or surface separation

3.4

disaggregation

substantial loss of particles and/or splitting open of a test specimen during the test