
Single-use rubber gloves for general applications — Specification

*Gants en caoutchouc à usages généraux, non réutilisables —
Spécifications*



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Foreword

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WARNING — Persons using this International Standard should be familiar with normal laboratory practices. This standard does not purport to address all of the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any regulatory conditions.

1 Scope

This International Standard specifies the physical requirements and methods of sampling and testing for single-use rubber gloves, made from natural rubber latex, synthetic rubber latex or rubber solution, intended for general applications, but not gloves intended for medical purposes.

It does not cover the safe and proper use of the gloves.

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 37, *Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties*

ISO 188, *Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests*

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

3 Requirements

3.1 Materials

Gloves shall be manufactured from suitable materials. Any pigment, surface treatment, lubricant or powder used shall be non-toxic and shall be disclosed on request. Substances used for the treatment that could be transferred to the skin during use shall not cause any harm.

3.2 Dimensions

When measured at the points shown in Figure 1, gloves shall comply with the dimensions for length and palm width given in Table 1, using the inspection level and AQL given in Table 3.

The measurement of length shall be the shortest distance between the tip of the second finger and the cuff end.

The length measurement may be taken by hanging the glove on a suitable mandrel with a tip radius of 5 mm.

The measurement of width shall be at the midpoint between the base of the index finger and the base of the thumb. The width measurement shall be made with the glove placed on a flat surface.