



Standard Specification for Natural Rubber Finger Cots¹

This standard is issued under the fixed designation D 3772; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers the requirements for finger cots made from natural rubber latex. The purpose of this specification is to obtain consistent performance among products produced in various locations or at various times in the same location.

1.2 This specification does not cover the safe and proper use of finger cots or products of special construction for special use.

1.3 The values stated in SI units are to be regarded as the standard.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

D 412 Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers—Tension²

D 573 Test Method for Rubber—Deterioration in an Air Oven²

D 865 Test Method for Rubber—Deterioration by Heating in Air (Test Tube Enclosure)²

D 1076 Specification for Rubber—Concentrated, Ammonia Preserved, Creamed, and Centrifuged Natural Latex²

D 3767 Practice for Rubber—Measurement of Dimensions²

2.2 Other Documents:

ISO 2859 Sampling Procedures and Tables for Inspection by Attributes³

Code of Federal Regulations, Title 21—Food and Drug

Administration, Part 177⁴

3. Classification

3.1 Types:

3.1.1 Type 1—Rolled.

3.1.2 Type 2—Flat.

3.2 Sizes—The sizes covered are small, medium, large, and extra large.

4. Ordering Information

4.1 Orders for material under this specification shall include the following information:

4.1.1 Reference to this ASTM designation (D 3772) and year of issue,

4.1.2 Type,

4.1.3 Thickness (if different than that specified), and

4.1.4 Size.

5. Materials and Manufacture

5.1 Finger cots shall be manufactured from latex conforming to Specification D 1076.

5.2 Finger cots shall be free of embedded grit or discoloration, but may be transparent, opaque, or colored.

5.3 Finger cots and any dressing materials applied to them shall not liberate substances known to be toxic or otherwise harmful under normal conditions of use. Any dressing or compounding materials shall not have a deleterious effect on the rubber and shall be permitted by the Code of Federal Regulations, Title 21, Food and Drug Administration, Section 177.2600 on Rubber Articles Intended for Repeated Use, that lists materials safe for use as indirect food additives. Other materials may be used if their safety and efficacy have been established previously.

6. Performance

6.1 Finger cots sampled in accordance with Section 7, shall meet the following performance requirements:

¹ This specification is under the jurisdiction of ASTM Committee D11 on Rubber and is the direct responsibility of Subcommittee D11.40 on Consumer Rubber Products.

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² Annual Book of ASTM Standards, Vol 09.01.

³ Available from American National Standards Institute, 25 W. 43rd St., 4th Floor, New York, NY 10036.

⁴ Available from the Superintendent of Documents, U. S. Government Printing Office, Washington, DC 20402.