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Specification
No. 224

DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
George K. Burgess, Director

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UNITED STATES GOVERNMENT MASTER SPECIFICATION FOR
RUBBER FINGER COTS

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 224

This specification was officially promulgated by the Federal Specifications Board on November 5, 1924, for the use of the Departments and Independent Establishments of the Government in the purchase of rubber finger cots

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I. TYPE

Finger cots shall be of a single type as described below.

II. MATERIAL AND WORKMANSHIP

Finger cots shall be free from coloring matter or fillers, reclaimed rubber, or substitutes. The surface shall be smooth and free from ingrained particles, blisters, thin spots, or other imperfections.

III. GENERAL REQUIREMENTS

1. **SIZE.**—The lengths and weight per gross shall be in accordance with the following table:

Size	Length, minimum	Weight per gross		
		Light	Medium	Heavy
	<i>Inches</i>	<i>Ounces</i>	<i>Ounces</i>	<i>Ounces</i>
Small.....	2½	2¾	5	9
Medium.....	2½	2¾	5¼	9¼
Large.....	2¾	2¾	5½	9½

IV. DETAIL REQUIREMENTS

1. **RUBBER CONTENT.**—Cots shall contain at least 95 per cent by volume of best quality new wild or plantation rubber.

2. **TENSILE STRENGTH.**—The tensile strength shall be at least 2,700 lbs./in.²

3. **ULTIMATE ELONGATION.**—The ultimate elongation shall be at least 600 per cent (1 inch to 7 inches).

4. **STERILIZATION.**—Test pieces shall be wrapped in gauze and subjected to five successive sterilizations in steam at 15 pounds pressure for periods of 20 minutes each with intervals of 20 minutes between sterilizations. Test pieces shall remain at room temperature for 24 hours before being tested. The tensile strength after this test shall be not less than 1,500 lbs./in.²

V. SAMPLING

Twelve finger cots of each size and weight delivered shall be submitted for test and analysis.

VI. PACKING AND MARKING

Packing and marking shall be as called for in the proposal.

VII. ADDITIONAL INFORMATION

No details specified.

VIII. GENERAL SPECIFICATIONS

General Specifications for Rubber Goods, F. S. B. Specification No. 59, in effect on date of issuance of proposals, shall form part of this specification.

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