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Master
Specification
No. 215a

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

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UNITED STATES GOVERNMENT MASTER SPECIFICATION
FOR SURGEONS' RUBBER APRONS

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 215a
[Revised June 1, 1925]

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 surgeons' rubber aprons.

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I. TYPE

Aprons shall be of a single type as described below.

II. MATERIAL AND WORKMANSHIP

Aprons shall be made from single or double coated rubber sheeting as specified. They shall be free from defects in material or workmanship.

III. GENERAL REQUIREMENTS

Aprons shall be made of one piece, black or maroon as specified, faced on edge with rubber-coated cloth tape at least $\frac{5}{8}$ inch wide. The body of the apron shall be at least 36 inches long and 33 inches wide. The bib of the apron shall measure at least 10 inches from the body of the apron to the top. The bib shall be at least 10 inches wide at the top. On each side of the body of the apron shall be fastened a herringbone cloth tape $\frac{3}{4}$ inch wide and 12 inches long. A similar cloth tape $\frac{3}{4}$ inch wide and 22 inches long shall be fastened securely at each side of the top of the bib. These tapes shall weigh not less than 1 pound per 80 yards. The thickness of coated sheeting shall be as follows:

	Inch
Single coated.....	0. 015 ± 0. 003
Double coated.....	. 020 ± . 005

IV. DETAIL REQUIREMENTS

1. RUBBER CONTENT.—The rubber coating shall contain not less than 38 per cent, by weight, of the best quality new wild or plantation rubber.

2. FABRIC.—The sheeting shall be a plain weave, evenly woven and free from imperfections and makeweight. It shall have a thread count of not less than 68 threads in warp and 70 in filling and shall weigh not less than 4.3 ounces per square yard. It shall have a tensile strength of not less than 60 pounds warp and filling, determined by the strip method.

3. FINISHED SHEETING.—The tensile strength of the coated sheeting shall be not less than 65 pounds warp and filling. Tests shall be made within 30 days from date of delivery, by strip method on specimens 2 inches wide.

4. RESISTANCE TO STEAM.—A sample 6 inches square of coated sheeting shall be subjected to the action of steam at a pressure of 20 lbs./in.² for 30 minutes; removed, and after two hours, again subjected to the above steaming test. After 24 hours at room temperature, there shall be no noticeable change in the condition of the sample.

V. SAMPLING

One apron from each 100 or less delivered shall be selected for test and analysis.

VI. PACKING AND MARKING

On the back of each apron shall be stamped in indelible letters, not less than $\frac{1}{4}$ inch high, the manufacturer's name or trade-name, and date of manufacture. Aprons shall be packed for shipment 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. 59a, and for Textiles, in effect on date of issuance of proposal, shall form part of this specification.

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