

U. S. Gov't
Master
Specification
No. 222

DEPARTMENT OF COMMERCE

BUREAU OF STANDARDS
George K. Burgess, Director

CIRCULAR OF THE BUREAU OF STANDARDS No. 225

[Issued May 22, 1925]

UNITED STATES GOVERNMENT MASTER SPECIFICATION FOR RUBBER CATHETERS

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 222

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 catheters.

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I. TYPE

Rubber catheters shall be of a single type as described below.

II. MATERIAL AND WORKMANSHIP

Catheters shall be made of an all-rubber compound. They shall have an absolutely smooth, glass cured finish, and be free from imperfections.

III. GENERAL REQUIREMENTS

Catheters shall have a solid tip and depressed velvet eye at outlet end with a funnel-shaped end. They shall be of the sizes 8 to 28, even numbers, French scale, as called for in the proposal.

IV. DETAIL REQUIREMENTS

1. RUBBER CONTENT.—The rubber compound shall contain not less than 55 per cent by volume of best quality new wild or plantation rubber.

2. TENSILE STRENGTH.—The tensile strength shall be not less than 1,200 lbs./in. ²

3. ULTIMATE ELONGATION.—The ultimate elongation shall be not less than 350 per cent (1 inch to 4.5 inches).

4. RESISTANCE TO HOT AIR.—Samples shall be aged in a drying oven in circulating air at 70° C. for seven days. Twenty-four hours after removal the tensile strength shall not decrease more than 50 per cent.

V. SAMPLING

One catheter shall be selected from each 100 delivered, for test and analysis.

VI. PACKING AND MARKING

Catheters shall be marked with manufacturer's name or trade name and date of manufacture. They shall be packed 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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