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DEPARTMENT OF COMMERCE

BUREAU OF STANDARDS
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UNITED STATES GOVERNMENT MASTER SPECIFICATION FOR
STOMACH OR LAVAGE TUBE

FEDERAL SPECIFICATIONS BOARD SPECIFICATION No. 237

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 stomach or lavage tubes.

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I. TYPE

Stomach or lavage tubes shall be of a single type consisting of tube and funnel.

II. MATERIAL AND WORKMANSHIP

Tube and funnel shall be made of a rubber compound and shall be free from imperfections. The tube shall have a smooth glass cured finish.

III. GENERAL REQUIREMENTS

The tube shall have an open end and one depressed eye on side of outlet end. The funnel shall be connected with the tube by a tight-fitting hard-rubber connection.

IV. DETAIL REQUIREMENTS

1. **TUBE.**—The tube shall be 5 feet long, with a black mark encircling the tube 24 inches from outlet end. Its diameter shall be 30 French scale, and its wall shall be not less than 0.055 inch thick.

2. **FUNNEL.**—The funnel shall have a capacity of approximately 3 fluid ounces. The wall of the funnel and its neck shall be not less than 0.082 inch thick. The edge of the funnel shall have a round bead or flange approximately 0.125 inch thick.

3. **CONNECTION.**—The neck of the funnel shall be connected with the tube by a hard-rubber center flanged connection piece which shall fit tightly into the tubes for not less than one-half inch on each side of the flange. The ends of the connection piece shall be rounded.

4. **RUBBER CONTENT.**—The rubber compound in tube and funnel shall contain at least 55 per cent by volume of best quality new wild or plantation rubber.

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

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

7. **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 stomach tube shall be selected from each 100 or less delivered for test and analysis.

VI. PACKING AND MARKING

The tubes shall be marked with manufacturer's name or trade name and date of manufacture. Packing 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 proposal, shall form part of this specification.

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