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SUPERSEDING
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FEDERAL SPECIFICATION

GLOVES, RUBBER, AUTOPSY

This specification was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

1. SCOPE AND CLASSIFICATION

1.1 Scope.—This specification covers gloves suitable for protection of the operator while handling tissues during autopsies.

1.2 Classification.

1.2.1 *Type and classes.* — Autopsy gloves covered by this specification shall be of one type and of the following classes, as specified in the invitation for bids:

Class 1.—Natural rubber latex.

Class 2.—Polychloroprene rubber latex.

1.2.2 *Styles.*—Autopsy gloves covered by this specification shall be of the following styles, as specified in the invitation for bids.

A.—Curved finger.

B.—Straight finger.

1.2.3 *Sizes.* — Autopsy gloves covered by this specification shall be sizes 7, 8, 9, and 10, as specified in the invitation for bids.

2. APPLICABLE SPECIFICATIONS AND STANDARDS

2.1 The following specifications and standards, of the issues in effect on date of invitation for bids, form a part of this specification:

Federal Standards:

Fed. Test Method Std. No. 601—Rubber: Sampling and Testing.

Fed. Std. No. 102—Preservation, Packaging, and Packing Levels.

Fed. Std. No. 123—Marking for Domestic Shipment (Civilian Agencies).

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications, Standards, and Handbooks and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

(Single copies of this specification and other product specifications required by activities outside the Federal Government for bidding purposes are available without charge at the General Services Administration Regional Offices in Boston, New York, Atlanta, Chicago, Kansas City, Mo., Dallas, Denver, San Francisco, Los Angeles, Seattle, and Washington, D. C.

(Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal Specifications, Standards, and Handbooks from established distribution points in their agencies.)

3. REQUIREMENTS

3.1 Material. — Autopsy gloves furnished under this specification shall be made from natural rubber latex or polychloroprene rubber latex.

3.2 Design. — Gloves shall have a firmly rolled edge or band, shall be of either straight finger or curved finger design, and may have either smooth or roughened surfaces.

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3.3 Dimensions. — The dimensions of the glove shall be as shown in table I.

TABLE I.—*Dimensions of glove*

Size	Length, minimum	Circumference
	Inches	*Inches*
7	10	7
8	10½	8
9	10½	9
10	10½	10

A tolerance of plus ⅜ and minus ⅛ will be permitted on the circumference.

3.4 Physical requirements.— Autopsy gloves shall meet the requirements of table II.

TABLE II.—*Physical requirements*

Requirement	Class I	Class 2
Thickness at any point, inch:		
Minimum	0.012	0.012
Maximum	.018	.018
Tensile strength, pounds per square inch, minimum:		
Before aging or sterilization	3500	2500
After aging	Not less than 75 percent of tensile strength before aging.	
After 5 sterilizations	3500	2500
After 10 sterilizations	3000	2500
Ultimate elongation, percent, minimum:		
Before aging or sterilization	800	500
After aging	800	450

3.5 Identification marking. — Each glove shall be marked with the size and the name or trademark of the manufacturer. Marking shall be reasonably permanent and heavy imprints or objectionable colors that are readily dislodged after boiling in water for 10 minutes will not be acceptable.

3.6 Workmanship. — Gloves shall be free from ingrained foreign particles, thin spots, blisters, or other defects which may affect their serviceability.

4. SAMPLING, INSPECTION, AND TEST PROCEDURES

4.1 Sampling.

4.1.1 *Lot.*—Unless otherwise specified in the invitation for bids, the lot shall be formed as described in 3 of section 6 of Federal Test Method Standard No. 601. One pair of gloves constitutes a unit.

4.1.2 *Sampling for inspection.* — Unless otherwise specified in the invitation for bids, the sample for inspection shall be taken as described in 4 of section 6 of Federal Standard No. 601.

4.1.3 *Sampling for test.*—Unless otherwise specified in the invitation for bids, the sample for test shall be taken as described in 4.2.3.2.1 of section 6 of Federal Test Method Standard No. 601. Sampling plan B of table II of section 6 of Federal Test Method Standard No. 601 shall be used.

4.2 Inspection.—Gloves shall be inspected for design, dimensions, identification marking, and workmanship.

4.2.1 *Length.*—The length shall be measured from the tip of the middle finger to the tip of the gauntlet as described in method 2411 of Federal Test Method Standard No. 601 except that two measurements shall be made on each glove, one on front and one on back, and the minimum value recorded.

4.2.2 *Circumference.* — The outer circumference of the glove shall be measured at a point between the base of the index finger and the thumb by the method described in 2331 of Federal Standard No. 601.

4.3 Tests.

4.3.1 *Tensile strength.* — The tensile strength shall be determined as described in

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method 4111 of Federal Test Method Standard No. 601 using a dumbbell specimen cut with die III.

4.3.2 *Ultimate elongation.*—The ultimate elongation shall be determined as described in method No. 4121 of Federal Test Method No. 601 using a dumbbell cut die III.

4.3.3 *Resistance to sterilization.*—Specimens for tensile strength shall be sterilized as described in method 7411 of Federal Test Method Standard No. 601 except that the number of sterilizations shall be as required in table II.

4.3.4 *Resistance to accelerated aging.*—Specimens for tensile strength shall be aged as described in method 7221 or 7231 of Federal Test Method Standard No. 601.

4.3.5 *Thickness.*—The minimum and maximum thickness of the gloves shall be determined as described in method 2011 of Federal Test Method Standard No. 601, except that (*1*) a glove shall be the specimen, (*2*) a measurement shall be made at the tip of each finger, (*3*) measurements shall be made at 10 additional points distributed over the surface of the glove except within one inch of the tip of the finger, (*4*) two specimens shall be tested from each test unit, and (*5*) if either specimens fails to meet the requirement for minimum or maximum thickness, the test unit shall be considered defective. Thickness may be conveniently determined at the time specimens are prepared for tensile strength, accelerated aging and steam sterilization.

4.4 Compliance criteria.—Compliance of the lot shall be based on the principles described in section 6 of Federal Test Method Standard No. 601.

5. PREPARATION FOR DELIVERY

5.1 Packaging.—Unless otherwise specified in the invitation for bids, level C packaging in Federal Standard No. 102 shall apply.

5.2 Packing.—Unless otherwise specified in the invitation for bids, level C packing in Federal Standard No. 102 shall apply.

5.3 Marking. — Unless otherwise specified in the invitation for bids, marking shall be in accordance with Federal Standard No. 123.

6. NOTES

6.1 Ordering data. — Purchasers should exercise any desired options offered herein. (See 1.2, 4.1, 5.1, 5.2, and 5.3.)

6.2 Transportation description.—Transportation description applicable to this item is:

Gloves, not otherwise indexed by name.
Carload minimum weight 20,000 pounds, subject to Rule 34, Uniform Freight Classification.
Motor volume minimum weight 12,000 pounds.

6.3 This specification supersedes Military Specification MIL-G-2670.

Notice. — When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data, is not to be regarded, by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Navy Interest: MD.

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