INCH-POUND

A-A-54902
30 July 1993

COMMERCIAL ITEM DESCRIPTION

SYRINGES, HYPODERMIC, NEEDLE LOCK, Glass, 3 ml (cc)

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for Federal Specification GG-S-935A, which is cancelled.

This Commercial Item Description covers a Luer Lock syringe suitable for use in medical procedures.

Salient characteristics:

Material. The barrel and plunger shall be fabricated from borosilicate glass. The Luer Lock tip shall be brass with nickel or chromium over nickel plating.

Style and design. The syringe shall be a 3 ml (cc) Luer Lock type in accordance with ISO 594. The inside of the barrel shall have a smooth, uniform surface, free from pits, grind marks or other imperfections. The plunger shall glide freely and smoothly through the barrel while maintaining a fluid-tight fit.

The distal end of the plunger, when fully inserted shall mate evenly with the distal end of the barrel. The distal end of the plunger shall be clearly visible and shall accurately indicate the capacity.

The Luer tip shall not separate from the barrel when subjected to a 25 pound force for 1 minute.

The style, design and dimensions shall be in accordance with Figure 1.

AMSC N/A FSC 6515

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

The barrel shall have main graduations at each 1 ml (cc) and subgraduations at each 0.2 ml (cc). Main graduations shall be at least 33 percent longer than subgraduations. Each main graduation shall have the numerical volume indicated.

Markings. The outside surface of the barrel shall be marked with the same serial number marked on the plunger and the name or registered trademark of the manufacturer.

Accuracy test The syringe shall deliver ± 5 percent of the capacity indicated at each main graduation when tested against a calibrated burette. As an alternate, the determination of capacity test listed in ISO 7886 is acceptable.

Leakage test. The syringe shall be tested for liquid and air leakage past the piston in accordance with ISO 8537.

Workmanship The syringe shall be free from defects which detract from its appearance or impair its serviceability.

Unit Each (EA). One syringe individually packaged as specified, constitutes one unit.

QUALITY ASSURANCE PROVISIONS.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspection are deemed necessary to assure supplies and services conform to prescribed requirements.

Records. Records of examinations and tests performed by or for the contractor shall be maintained by the contractor and made available to the Government upon the Government's request, at any time, or from time to time, during the performance of the contract and for a period of three years after delivery of the supplies to which such records relate.

Inspection. Inspection, as used herein, is defined as both examination (such as visual or auditory investigation without the use of special laboratory appliances or procedures) and testing (determination by technical means of physical and chemical properties) of the item.

Examination. Examination shall be conducted to determine compliance with specification requirements.

Sampling for examination. Sampling for examination shall be conducted in accordance with MIL-STD-105 and as specified. Unit of product for examination purposes shall be one syringe as specified. Sampling shall be inspection level II with an Acceptable Quality Level (AQL) of 1.0.

Tests. Tests shall be conducted to determine compliance with specification requirements. Where feasible, the same sample shall be used for determination of two or more test characteristics.

Sampling for tests. Sampling for tests shall be conducted in accordance with MIL-STD-105 and as specified. Unit of product for test purposes shall be one syringe. Sampling shall be inspection level S-2 with an AQL of 1.0.

Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this Commercial Item Description, and that the product conforms to the producers' own drawings, specifications, standards, and quality assurance practices. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, providing they fall within the tolerance specified using conversion tables contained in the latest revision of Federal Standard No. 376, and all other requirements of this document are met.

If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable.

The contracting officer has the option of accepting or rejecting the product.

Regulatory requirements.

Federal Food, Drug, and Cosmetic Act. If the product covered by this document has been determined by the U.S Food and Drug Administration to be under its jurisdiction, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of the Federal Food, Drug and Cosmetic Act, as amended, and regulations promulgated thereunder. In addition, the offeror/contractor shall comply, and be responsible for compliance by its subcontractors/suppliers, with the requirements of all other applicable Federal, State, and local statutes, ordinances, and regulations.

Recovered materials. The offeror/contractor is encouraged to use recovered material in accordance with Federal Acquisition Regulation Subpart 23.4 to the maximum extent practical.

Preservation, packaging, packing, labeling, and marking. Unless otherwise specified, preservation, packaging, and packing shall be to a degree of protection to preclude damage to containers and/or contents thereof under normal shipping conditions, handling, etc., involving shipment from the supply source to the receiving activity, plus reshipment from receiving activity and shall conform to applicable carrier's rules and regulations. Intermediate and exterior package quantities and labeling and marking shall be as specified in the contract and/or order.

Ordering data. Intermediate/exterior package quantities and labeling and marking must be specified in the contract and/or order.

NOTE: The following National Stock Number and its respective Item Identification is covered by this document:

NATIONAL STOCK NUMBER	ITEM IDENTIFICATION
6515-00-827-3104	SYRINGE, HYPODERMIC LUER LOCK, Glass, 3 ml

MILITARY INTERESTS:

Custodians:

Army - MD
Navy - MS
Air Force - 03

Preparing Activity:

DoD-MB

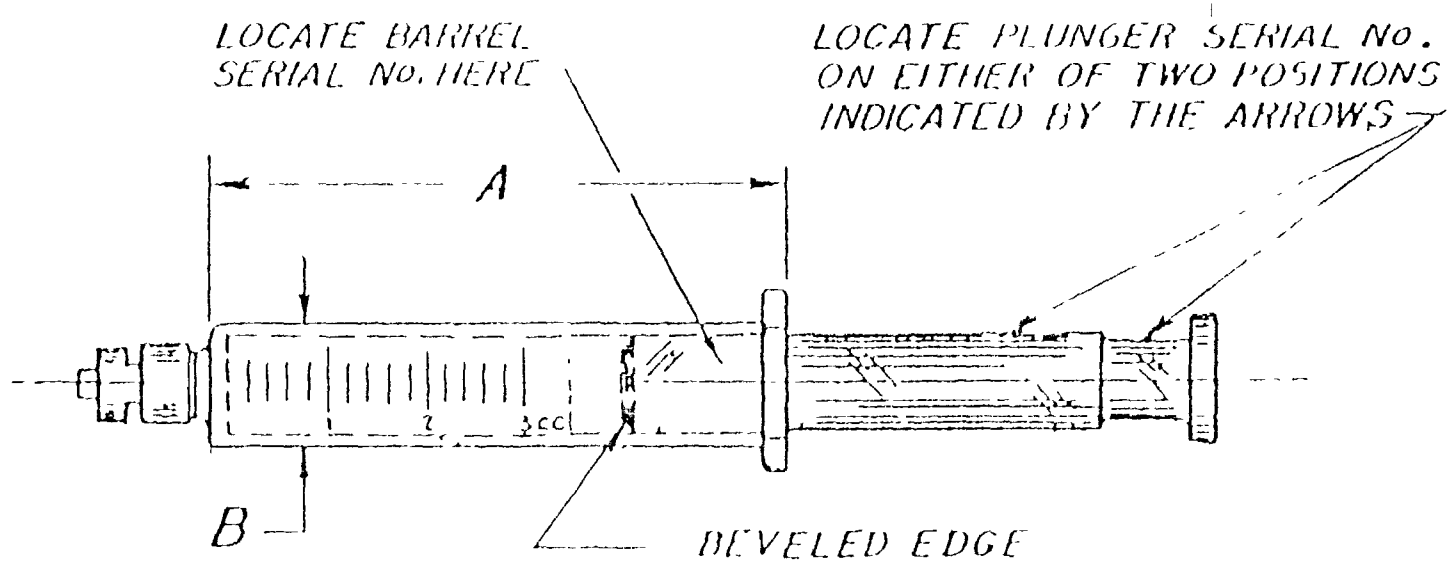
Agent:

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS
USPHS
FDA-MPQAS
GSA-FSS-FCGC

Project Number: 6515-5551
Location: c:\word\doc\levin\syrinhyp\sg



SIZE	DIMENSIONS OF BARREL		
	A	B	WALL THK. MIN.
1(3cc)	$3\frac{13}{64} - \frac{1}{64}$	$\frac{13}{32} - \frac{1}{32}$	.035

FIGURE 1 - Syringe without finger rings

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1 The preparing activity must complete blocks 1, 2, 3, and 8 In block 1, both the document number and revision letter should be given

2 The submitter of this form must complete blocks 4, 5, 6, and 7

3 The preparing activity must provide a reply within 30 days from receipt of the form

NOTE This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements

I RECOMMEND A CHANGE:	1 DOCUMENT NUMBER	2 DOCUMENT DATE (YYMMDD)
	A-A-54902	930730

3 DOCUMENT TITLE

SYRINGES, HYPODERMIC, NEEDLE LOCK, Glass, 3 ml (CC)

4 NATURE OF CHANGE (Identify paragraph number and include proposed rewrite if possible Attach extra sheets as needed)

5 REASON FOR RECOMMENDATION

6 SUBMITTER

a NAME (Last, First, Middle Initial)	b ORGANIZATION

c ADDRESS (Include Zip Code)	d TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON (If applicable)	7 DATE SUBMITTED (YYMMDD)

8 PREPARING ACTIVITY

a NAME	b TELEPHONE (Include Area Code) (1) Commercial	(2) AUTOVON
Defense Personnel Support Center ATTN: DPSC-MSE	(215)737-2870	444-2870
ADDRESS (Include Zip Code) 2800 South 20TH Street Philadelphia, PA 19145	IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT Defense Quality and Standardization Office 5203 Leesburg Pike Suite 1403 Falls Church, VA 22041-3466 Telephone (703) 756 2340 AUTOVON 289-2340	

DD Form 1426, OCT 89 *Previous editions are obsolete* 198 290