

A-A-51305A
19 January 1990
SUPERSEDING
A-A-51305
20 December 1985

COMMERCIAL ITEM DESCRIPTION

MATTRESS, STRETCHER

(Ambulance)

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for Military Specification MIL-M-40042B which is cancelled.

This Commercial Item Description covers a foam rubber pad with mattress cover, suitable for use with an ambulance stretcher.

Salient characteristics:

The stretcher mattress shall consist of a firm, high resilient, polyether foam pad, a mattress cover of polyvinyl coated polyester or nylon, a 24 inch long zipper, and polyester thread. The overall dimensions of the mattress shall be 72 to 73 inches long, 18 to 18-1/2 inches wide, 3 to 3-1/2 inches thick, with a 2 inch plus or minus 1/4 inch radius on each corner.

The foam pad shall be made of one solid piece of foam, or it may be molded in not more than four sections, and strongly bonded together in such a manner that the seams shall not be so firm as to be detectable through the case. The pad shall have a minimum density of 3.0 pounds per cubic foot with no large voids or objectionable odor. The pad shall be made of virgin foam material, not previously used material. The pad shall have an indentation load deflection (ILD) from 31 to 36 pounds of force per 50 square inch area to produce a 25 percent indentation, when tested as specified. The material for the mattress cover shall be a minimum of 6 ounces per square yard and shall be fire-resistant treated. Each finished mattress shall fit snugly over the foam pad, but shall not pucker or pull the mattress out of line due to an excessively close fit. The top and bottom panels of the mattress cover shall each be cut in one piece. Each side of the mattress cover on the side panels shall be provided with

AMSC N/A

FSC 6530

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

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not less than two round brass screened ventilators.

Each foam pad shall be marked in ink with the manufacturer's name or registered trademark and year of manufacture. Black ink that is light and water spray fast shall be used. Each complete mattress shall have a cloth identification label printed with the contract or purchase order number.

The mattress cover coating shall be free from peeling, blistering, splitting, or cracking. The cover fabric shall be free from patches or mends. The fabric shall be free from creases, wrinkles, stains, streaks, spots, or shade variations, affecting appearance. The fabric shall be free from oil, grease, dirt, or other contamination.

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

Unit. Each (EA). One mattress, 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 inspections 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.

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Sampling for tests. Sampling for tests, including dimensional test, shall be conducted in accordance with MIL-STD-105, with an AQL of 4.0 (percent defective) and an inspection level of S-3. The unit of product for test purposes shall be one stretcher mattress.

Tests. Tests shall be conducted to determine compliance with specification requirements. Where feasible, the same sample shall be used for the determination of two or more test characteristics. Tests shall include, but shall not be limited to the following:

Indentation load deflection. The foam pad shall be tested for indentation load deflection (ILD) as specified in ASTM D1564. An ILD which is not from 31 to 36 pounds of force per 50 square inch area to produce a 25 percent deflection, shall constitute a defect.

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 tolerances specified using conversion tables contained in the latest revision of Federal Standard 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.

Contractor certification. The contractor shall certify that the product offered meets the salient characteristics of this description and 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.

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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 Public Law 94-580, as amended, and as implemented by 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, labeling, and marking must be specified in the contract and/or order.

NOTE: The following National Stock Number is covered by this document:

6530-00-784-2120

NOTE: The stretcher mattress shall be suitable for use as a replacement mattress for NSN 6530-00-982-2042, STRETCHER AMBULANCE, two level.

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MILITARY INTERESTS:

PREPARING ACTIVITY:

Custodians:

DoD - MB

Army - MD

Agent:

Navy - MS

Air Force - 03

DLA-DM

CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS

PHS

FDA-MPQAS

Project No. 6530-2077

Location:

CID/MATTRESS/STRETCHER/H13-31

INSTRUCTIONS In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (**DO NOT STAPLE**), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

NOTE This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification 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.

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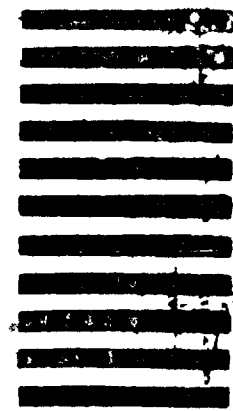
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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER A-A-51305A		2. DOCUMENT TITLE MATTRESS, STRETCHER (Ambulance)	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
b. ADDRESS (Street City State ZIP Code)		<input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER (Specify)	
5. PROBLEM AREAS			
a. Paragraph Number and Wording			
b. Recommended Wording			
c. Reason Rationale for Recommendation			
6. REMARKS			
7a. NAME OF SUBMITTER (Last First MI) - Optional		b. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
c. MAILING ADDRESS (Street City State ZIP Code) - Optional		8. DATE OF SUBMISSION (YYMMDD)	