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A-A-54143
15 June 1990

COMMERCIAL ITEM DESCRIPTION

BLANKET, BED

(Cotton, Thermal Weave)

The General Services Administration has authorized the use of this commercial item description as a replacement for Military Specification MIL-B-37038 which is cancelled.

This Commercial Item Description covers a white, thermal weave cotton, bed blanket.

Salient Characteristics

The bed blanket shall be a bleached, white, all cotton, leno weave blanket suitable for use in hospital rooms, surgical operating rooms, and oxygen enriched environments. The blanket shall be furnished in the following two sizes

Size 1	66 inches plus or minus 2 inches wide by 90 inches plus or minus 2 inches long
Size 2	31 inches plus or minus 2 inches wide by 36 inches plus or minus 2 inches long (infant blanket)

The blanket cloth shall be fabricated from a grade and staple length of cotton, carded, drawn, and spun into yarn which shall conform to the following requirements

AMSC N/A FSC 7210
DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited

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Characteristic	Requirement
Weave	(Determined by any standard commercial method)
Body	Cellular leno
Border (each side)	Cellular leno or plain
Color	White (Bleached)
Yarn number and ply	(Determined by any standard commercial method)
Warp	3/2 ply to 5/2 ply
Filling	3/2 ply to 5/2 ply
Yarns per inch, body, minimum	(ASTM D 1910)
Warp	7 (Size 1), 10 (Size 2)
Filling	11
Yarns per inch, border, minimum	(ASTM D 1910)
Warp	8
Filling	11
Breaking strength, body, pounds, minimum	(Industry Test Method ASTM D 1682)
Warp	23
Filling	43
Nonfibrous materials, percent maximum*	5.0
Flammability, seconds minimum	10.0 (at a 45 degree angle)

* Includes the starch and protein content and the chloroform and water soluble materials

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The flammability of the finished blanket shall conform to class 2 of the National Fire Protection Association (NFPA), Standard 702, Flammability of Wearing Apparel, except that flame spread shall be 10 seconds or more at a 45 degree angle

The finished cloth shall not be flame retardant treated. All the sewing operations shall be performed with a soft finish, unbleached or white and tints, cotton thread, Ticket No 30, 3 ply, with a 3 pound minimum breaking strength The blanket shall be fabricated from one piece of the cloth without any joining seams, rectangular in shape, with hemmed ends The minimum weight of the size 1 blanket shall be 2.4 pounds The minimum weight of the size 2 blanket shall be 9 3 ounces.

Each blanket shall be fabricated from one piece of the blanket cloth with selvaged sides Each end shall be turned down with each raw edge turned under, for 1/2 inch plus or minus 1/8 inch, to form a hem 1 inch plus or minus 1/8 inch wide The seam shall be produced by turning the edge of the material, folding it back over the body of the material, and stitching the turned and folded portion to the body of the material with two rows of stitches, a minimum of six stitches per inch A lockstitch (type 301), chain stitch (type 401), or safety stitch (type 402) shall be used Each hem shall be sewn with two rows of stitching, 3/16 to 5/16 inch apart, in a manner that shall catch the turnunder No side of the size 1 blanket shall be hemmed The size 2 blanket may have full length plain woven side borders, or one or two hemmed side borders The blanket may contain a centered plain weave stripe, approximately 2 inches wide, in the entire length of the blanket. The leno weave shall be in the length direction.

Each row of stitching shall be straight and parallel to the seam edge The straightness of the stitching, in any row, shall be maintained within a tolerance of plus or minus 1/32 inch The ends of lockstitching shall be backstitched, by overlapping on themselves, a minimum of 1/2 inch. Each thread break, skip, and run-off, shall be overstitched not less than 1/2 inch. The thread tension shall be maintained so that there shall not be any loose or tight stitching and the lock shall be embedded in the materials sewn together

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The seam allowances shall be maintained so that no run-off or open seam shall occur All seams shall start and finish uniformly. No seam shall be twisted, puckered, or pleated, and no part of the blanket shall be caught in an unrelated operation or seam All the sewing thread ends shall be trimmed to a maximum length of 1/4 inch except when stitch type 401 is used The tail on stitch type 401 shall be one to two inches. No cut or raw edge shall be visible

Each blanket shall have a sewn-on identification label The label shall be a mildew-resistant, printed, acrylic coated, nonwoven, launderable, label. The size of the label shall be adequate to contain the washing instructions and fabric content, which is required as a minimum

The blankets shall not contain any stain, hole, abraded area, tear, cut, mend, patch, scorch, or needle chew

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

Unit Each (EA) One blanket, 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

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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

Sampling for tests (cloth)

The sampling for the testing of the blanket cloth shall be as follows:

Lot size (cloth yards)	Sample size
800 or less	2
801 up to and including 22,000	3
22,001 and over	5

The sample unit of cloth for test purposes shall be one linear yard of the cloth The samples shall be taken from the beginning of each roll The lot shall be unacceptable if one or more sample units fail to meet any of the fabric property requirements. Physical tests required for the cloth may be performed on samples taken from the assembled blankets. To determine the number of blankets (sample size) to be taken for testing of the cloth, substitute blankets for yards in lot size.

Sampling for tests (blanket)

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 bed blanket.

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

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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

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 be Federal Acquisition Regulation Subpart 23.4 to the maximum extent practical

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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

NOTES: 1 The following National Stock Numbers are covered by this document

7210-00-139-5779 (Size 1)
7210-01-089-3409 (Size 2)

2 Manetta Mills' fabric no 12-72, or equal, is suitable for the size 2 blanket

MILITARY INTERESTS

Custodians:

Army - MD
Navy - MS
Air Force - 03

CIVIL AGENCY COORDINATING ACTIVITIES:

VA-OSS
PHS
FDA-MPQAS

PREPARING ACTIVITY

DoD-MB

Agent:

DLA-DM

Project Number 7210-0287

Location BLKTCID 13A