

GENERAL HEADQUARTERS
ARMED FORCES OF THE PHILIPPINES
OFFICE OF THE QUARTERMASTER GENERAL
Camp General Emilio Aguinaldo
Quezon City

AFP SPECIFICATION

QM SPEC NR IC-21BOD

AUG 02 2013

Supersedes

QM SPEC NR C-55BF-PA dtd
24 March 2004 and

QM SPEC NR C-55BA dtd
19 June 2000

BLANKET, OD

1. GENERAL

1.1 Scope - This specification covers one type of Blanket, OD for use of military personnel of the Armed Forces of the Philippines.

1.2 Grade - The finished Blanket, OD shall be of the quality and grade of product prescribed by this specification.

1.3 Size - The size of the finished Blanket, OD shall be 210 cm (minimum) long and 152 cm (minimum) wide.

2. REQUIREMENTS

2.1 First Article - Two (2) finished samples of Blanket, OD shall be submitted to the Office of The Quartermaster General or equivalent office in the Major Services and subjected to first article inspection accordance with para 3.1.

2.2 Basic Material - The basic material shall be 100% polyester yarn dyed Olive Drab (OD), knitted and conforming with the following requirements:

Fabric Count/2.54 cm

Wales ----- 32 (min)

Course ----- 24 (min)

Thickness, mm ----- 0.82 (min)

Weight, g/m² ----- 220 (max)

Bursting Strength, kg/cm² ----- 9.9 (min)

Type of Knit ----- Plain Knit

Colorfastness

AATCC Gray Scale Rating

| | Change in Color | Staining |
|---|---------------------|-------------------|
| Laundering | Grade 4 (minimum) | Grade 4 (minimum) |
| Perspiration | Grade 4 (minimum) | Grade 4 (minimum) |
| Color Quality (Color Difference) (Spectrophotometric Method) | ----- 1.5 (maximum) | |

2.2.1 Thread – The thread for all sewing shall be nylon or polyester, of the same color shade as the basic material, yarn size of 116 denier (minimum), 2 ply (minimum) and breaking strength of 2.3 kg (minimum).

2.2.2 Binding Tape – The edges of the blanket shall be sewed with a binding tape made of nylon or polyester cloth, 2.60 ± 0.1 cm wide, of the same color shade as the basic material.

2.3 Construction

2.3.1 Cutting - The blanket shall be cut from one piece of material as specified in para 2.2 and shall be in accordance with the design as shown in the attached illustration.

2.3.2 Hem, Blanket - The ends of the blanket shall be reinforced with binding tapes as specified in para 2.2.2. There shall be 7 to 9 stitches per 2.54 cm.

2.4 Workmanship

2.4.1 Design - The blanket shall be of the design essentially the same as shown in the attached illustration.

2.4.2 Manufacturer's Label - Each blanket shall have a manufacturer's label printed on a piece of cloth with indelible ink or by dry heat transfer process of equal fastness and sewed on the back of the blanket 5 cm from the edges at the lower left corner using Arial Font, Size 20. The contents of the label shall consist of the following:

BLANKET, OD
QM SPEC NR
Name of Manufacturer
Lot No.

2.4.3 AFP Marking - The "AFP" marking shall be at the center on the face of the blanket, printed with black waterproof paint using Stencil Font, Size 400.

3. VERIFICATION

3.1 First Article Inspection - The samples of the blanket submitted in para 2.1 shall be subjected to first article inspection and for approval as against the bid sample. The samples shall be subjected to test and examination to verify if the requirements in para 2.2 through 2.4 are satisfied with reference to the attached test parameters and classification of defects for this document.

3.2 Sampling

3.2.1 Samples of materials, components and other items entering into the manufacture of the blanket, OD shall be taken at random from time to time by AFP inspectors for purposes of examination and to determine compliance with the requirements of this specification.

3.2.2 Pre-production Sample - Before actual production starts, the contractor/manufacturer shall submit two (2) samples of the finished blanket, OD to the Office of The Quartermaster General, AFP or equivalent office in the Major Services to determine extent of compliance with the requirements of the specification.

4. QUALITY ASSURANCE PROVISIONS

4.1 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 other 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 this document where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 Responsibility for Compliance – All items must meet all requirements of Sections 2 and 3. The inspection set forth in this document shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the document shall not relieve the contractor of the responsibility of assuring that all product or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling in quality conformance does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to acceptance of defective material.

4.3 Bid Samples – One (1) piece bid sample of blanket, OD shall be submitted to RDC, ASCOM, PA to determine the extent of compliance with this specification insofar as quality of materials used is concerned. One (1) bid sample of blanket, OD shall be submitted to the Office of The Quartermaster General, AFP to determine the extent of compliance with this specification insofar as workmanship, style and finish are concerned.

5. PACKAGING AND PACKING

6.1 Packaging - Each blanket, OD shall be folded and placed in a transparent cellophane bag. The open end of the bag shall be folded and closed with a transparent tape.

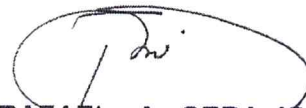
6.2 Packing - Twenty (20) pieces of blanket, OD shall be packed in a corrugated carton. The top cover shall be sealed with a binding tape and finally secured with nylon straps. The box shall be labeled as follows:

BLANKET, OD
(Name of Manufacturer)
Qty: 20 pcs
Lot No.

6. NOTES

6.1 The contractor/manufacturer shall notify the Office of The Quartermaster General, AFP or equivalent office in the Major Services at least seven (7) days before actual production starts so that AFP inspectors can be assigned to oversee the process of manufacture to be followed and to inspect the quality of materials to be used.

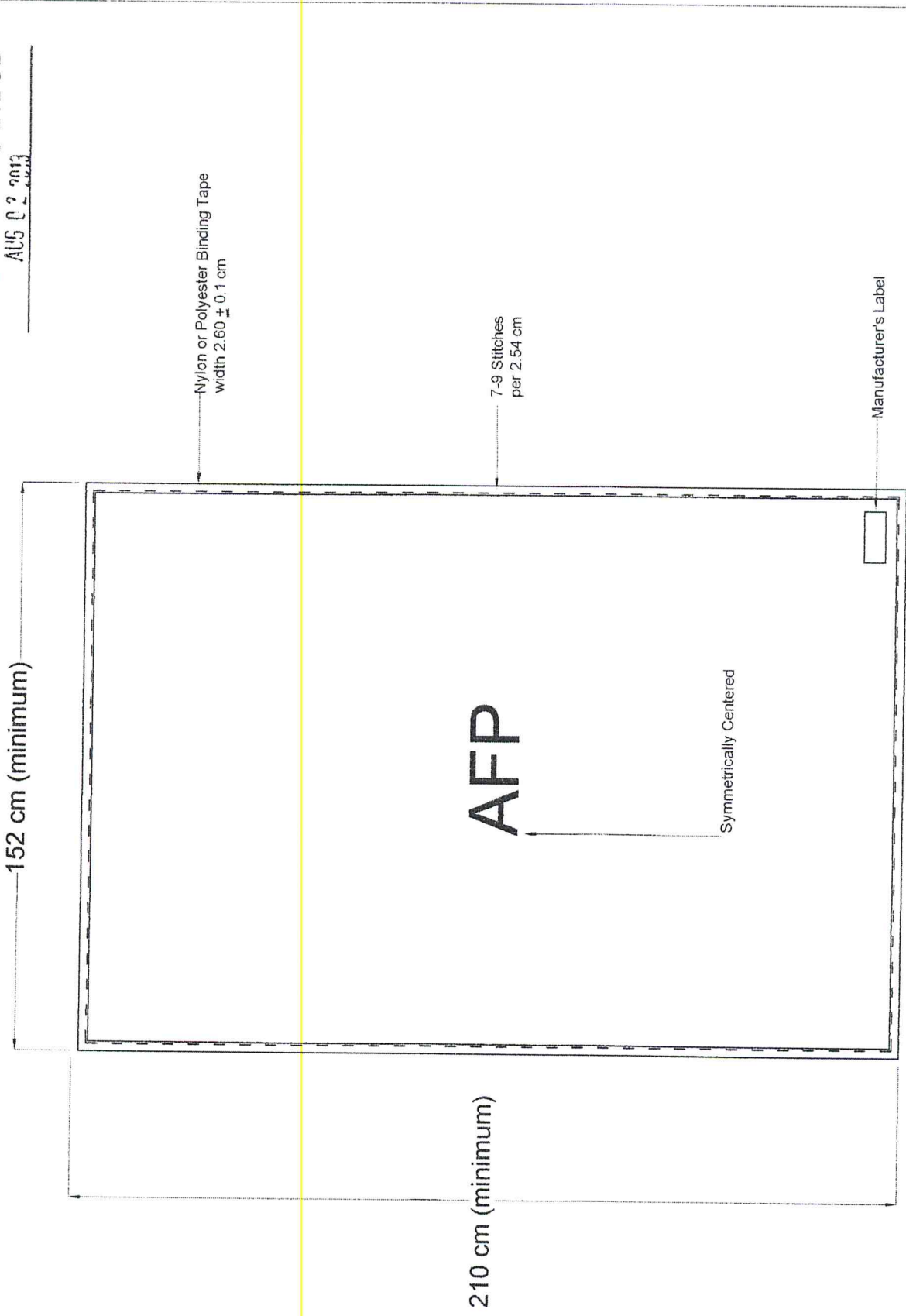
6.2 Any point not covered by this text shall be governed by the attached illustration which shall be followed in every detail.



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AFP SPECIFICATION

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BLANKET FLANNEL, OD

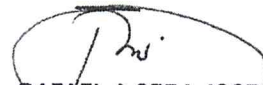
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TEST PARAMETERS

BLANKET, OD
AUG 02 2013

| TEST PARAMETERS | QM SPEC NR IC-21BOD dtd <u>AUG 02 2013</u> | CLASSIFICATION OF DEFECTS | |
|---|--|---------------------------|-------|
| | | Major | Minor |
| Finished Measurements, cm | | | |
| Length, cm | 210 (minimum) | x | |
| Width | 152 (minimum) | x | |
| Basic Material | 100% polyester | x | |
| Color | OD | x | |
| Fabric Count | | | |
| Wales | 32 (minimum) | | x |
| Courses | 24 (minimum) | | x |
| Thickness, mm | 0.82 (minimum) | | x |
| Bursting Strength, kg/cm ² | 9.9 (minimum) | x | |
| Weight, g/m ² | 220 (maximum) | | x |
| Type of Knit | Plain Knit | | x |
| Colorfastness | | | |
| Laundering | AATCC Gray Scale Rating | | |
| Change in Color | Grade 4 (minimum) | x | |
| Staining | Grade 4 (minimum) | x | |
| Perspiration | | | |
| Change in Color | Grade 4 (minimum) | x | |
| Staining | Grade 4 (minimum) | x | |
| Color Quality (Color Difference) (Spectrophotometric Method) | 1.5 (maximum) | x | |
| Thread, Sewing | Nylon or Polyester | | x |
| Color | Same color shade as basic material | x | |
| Yarn Size, Denier | 116 (minimum) | | x |
| No. of Ply | 2 (minimum) | | x |
| Breaking Strength, kg | 2.3 (minimum) | x | |
| Binding Tape | Polyester or nylon cloth | | x |
| Color | Same color shade as basic material | x | |
| Width, cm | 2.60 + 0.1 cm | | x |
| Construction | Shall be cut from one piece material | x | |
| | The ends of the blanket shall be reinforced with binding tapes having 7 - 9 stitches/2.54 cm | x | |
| | having 7 - 9 stitches per 2.54 cm | | x |
| Design | Shall be as illustrated in the specification | x | |
| Manufacturer 's Label | Shall have a manufacturer 's label | x | |
| Location | Printed on a piece of cloth with indelible ink or by dry heat transfer process of equal fastness | x | |

| | | | |
|--------------------------|---|-----------|-----------|
| | sewed on the back of the blanket 5 cm from the edges at the lower left corner | | x |
| Type of Lettering | Arial font, Size 20 | | x |
| Contents of Label | BLANKET, OD QM SPEC NR (Name of Manufacturer) Lot No: | | x |
| AFP Marking | With AFP Marking | x | |
| Type of Lettering | Stencil Font, Size 400 | | x |
| Location | Shall be at the center on the face of the blanket | | x |
| Type of Paint | Waterproof paint | x | |
| TOTAL TEST POINTS | | 20 | 16 |



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BLANKET, OD
QM SPEC NR IC-21BOD dtd 02 Aug 2013

LIST OF REQUIRED PROTOTYPE SAMPLES FOR TESTING

1. FOR POST QUALIFICATION TEST

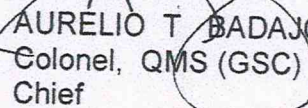
PROTOTYPE SAMPLES

RDC -Two (2) pcs

Thread Sewing - 10 m (minimum)

2. FOR ACCEPTANCE TEST

Two (2) pcs of Blanket, OD – Picked at random from delivery


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**BLANKET, OD
QM SPEC NR IC-21BOD dtd 02 August 2013**


VISUAL INSPECTION CHECKLIST

PO Nr _____
Supplier _____
Lot Size _____
* Sample Size _____

Date _____

| DESCRIPTION OF DEFECTS | CLASIFICATION OF DEFECTS |
|---|--------------------------|
| 1. Packing and Packaging | |
| a. Contents of carton label not as specified | Minor |
| b. Each blanket shall be folded placed in a transparent cellophane bag. | Minor |
| c. Twenty (20) pieces shall be packed in a corrugated carton. | Major |
| 2. Not olive drab in color | Major |
| 3. The edges of the blanket shall be sewed with a binding tape, same color shade of the basic material. | Major |
| 4. The blanket shall be cut from one piece of material. | Major |
| 5. Loose sewing/Untrimmed thread ends | Minor |
| 6. AFP marking: | |
| a. Provided with AFP marking | Major |
| b. Placed at the center on the face of the blanket | Minor |
| c. Printed with black paint | Major |
| 7. Manufacturer's label | |
| a. Printed on a piece of cloth and sewed on the reverse side of the blanket | Major |
| b. Contents of the label not as specified | Minor |
| 8. Presence of dirt, stains and other defects: | |
| a. Affecting appearance | Major |
| b. Does not affect appearance | Minor |

*Note: Sample Sizes - is based on Military Standard 105E, Table III-A of General Inspection Level I Code F double sampling plan.


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