

HEADQUARTERS
PHILIPPINE ARMY
OFFICE OF THE ARMY QUARTERMASTER
Fort Andres Bonifacio, Makati City

PA SPECIFICATION

QM SPEC NR IC-21SAW

AMENDMENT 1

MAY 26 2016

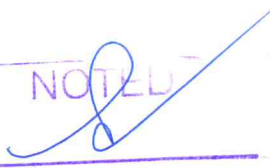
Interim

SOCKS, ATHLETIC, WHITE

This amendment forms part of QM SPEC NR IC-21SAW dated 16 March 2009 and is mandatory for use of all procuring agencies of the Philippine Army.

1. Para 1.3 Size – Change the length of the sole from 19.0 (min) to read as “**21 ± 2**”.
2. Para 2.3.1 Stitches – Delete the entire paragraph to read as: “**Para 2.3.1 Fabric Count – The fabric count for the socks, athletic shall be eight (8) minimum per cm in the courses and five (5) minimum per cm in the wales.**”


AURELIO T BADAJOS
Colonel GSC (QMS) PA
Chief


NOTED
CG, PA
DATE: 26 May 16

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

AFP SPECIFICATION

QM SPEC NR IC-21SAW
MAR 16 2009

SOCKS, ATHLETIC, WHITE (shown)

1. SCOPE

1.1 Scope - This specification covers one (1) type of Socks, Athletic, White for use of military personnel of the Armed Forces of the Philippines.

1.2 Grade – The finished athletic socks shall conform to the quality and grade of product prescribed by this specification.

1.3 Size – The socks, athletic shall be of one size only, with the following dimensions below and as shown in the attached illustration.

Characteristics	Body	Folded Top	Heel	Sole
Type of Knit	Plain Knit w/ terry loops	Rib Knit 1x1 (min) or Plain Knit 3x1 (min)	Plain Knit w/ terry loops	Plain Knit w/ terry loops
Length, cm	9.0 (+/-1.0)	5.0 (+/- 0.5)	-	19.0 (min)
Width, cm	7.0 (+/-1.0)	6.0 (+/- 1.0)	-	8.0 (+/-1.0)
Stretchability	18.5 (min)	-	-	18.0 (min)

2. REQUIREMENTS

2.1 First Article - Two (2) pairs sample of the finished athletic socks submitted to the Office of The Quartermaster General, AFP or equivalent office in the major services shall be subjected to first article inspection in accordance with para 3.1

2.2 Basic Material - The basic material of the socks shall conform to the following requirements:

Parts	No. of Ply	% by Weight
Top	2 ply Cotton (min) 1 ply nylon or polyester (min)	15% +/-5% Cotton 20% +/-5% Nylon or Polyester with 65% (+/-5%) Elastic Rubber
Body, Heel	2 ply cotton (min) 1 ply nylon or polyester (min) With 1 ply spandex (min)	35% +/-5% Cotton 40% +/-5% Nylon or Polyester with 25% +/- 5% Spandex

2.3 Construction - The socks shall be constructed in accordance with acceptable standards in the manufacture of socks.

2.3.1 Stitches - The stitches for the socks, athletic shall be 8 stitches in the weft and 5 stitches in the wales per square centimeter.

2.3.2 Sizing - The socks, athletic shall be free from sizing and any shrinkage or curling thereof.

2.4 Workmanship

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

2.4.2 Finish - The finished athletic socks shall be clean, well-shaped, well finished and free from holes, mends and other imperfections and/or defects affecting the appearance and/or serviceability.

3. VERIFICATION

3.1 First Article Inspection - The two (2) pairs samples of the finished athletic socks submitted in para 2.1 shall be subjected to first article inspection and for approval as against the bid sample. The samples shall also be subjected to tests and examination to verify if the requirements in para 2.2 through para 2.4 are satisfied, with reference to the attached test parameters.

3.2 Sampling -

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

3.2.2 Pre-Production Sample - Before actual production starts, unless otherwise specified, one (1) pair of the finished sample of the athletic socks shall be submitted to the Office of The Quartermaster General, AFP or equivalent office in the major services for approval as to type, size, workmanship and finish and one (1) pair sample to RDC, ASCOM, PA for test and verification whether it conforms with this specification.

3.3 Inspection

3.3.1 Inspection may be made any time throughout the entire process of manufacture. The passing as satisfactory of any detail of construction or materials shall not relieve the contractor/manufacturer of responsibility for faulty workmanship or defective materials which may be discovered at any time prior to final acceptance.

3.3.2 Final inspection of the finished socks shall be made either at point of production or at point of delivery. In case of factory inspection, every facility shall be afforded to AFP inspectors by the manufacturer for the prosecution of their work.

3.4 Test

3.4.1 Government standard methods of test to determine compliance with the requirements of this specification shall be followed whenever applicable. Potential or prospective bidders are encouraged to become familiar with the scope of test to which the athletic socks shall be subjected.

3.4.2 The bid samples of the athletic socks shall be submitted to the Research and Development Center, ASCOM, PA to determine the extent of compliance with this specification insofar as quality of materials used is concerned. The Office of The Quartermaster General, AFP or equivalent office in the Major Services shall determine the extent of compliance with this specification insofar as workmanship, style and finish are concerned.

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 – Two (2) pieces bid samples of raincoat shall be submitted to RDC, ASCOM, PA to determine the extent of compliance with this specification insofar as quality of materials used is concerned. The Office of The Quartermaster General, AFP or equivalent office in the Major Services shall determine the extent of compliance with this specification insofar as workmanship, style and finish are concerned.

5. PACKAGING AND PACKING

5.1 Packaging – The socks shall be folded once and placed in a transparent/cellophane bag. Twelve (12) pairs shall be neatly stacked to a bundle with every other pair reversed. Each bundle shall be securely tied over with paper tape along its width.



5.2 Packing – Ten (10) bundles or one hundred twenty (120) pairs of athletic socks shall be packed in a corrugated carton. The top cover when closed shall be sealed with a binding tape and finally secured with nylon straps. The box shall be labeled as follows:

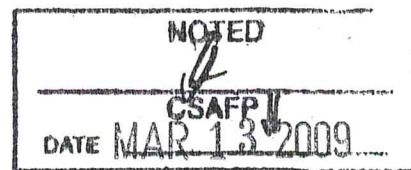
SOCKS, ATHLETIC, WHITE
(Name of Manufacturer)
Lot Nr:
Qty:

6. MISCELLANEOUS

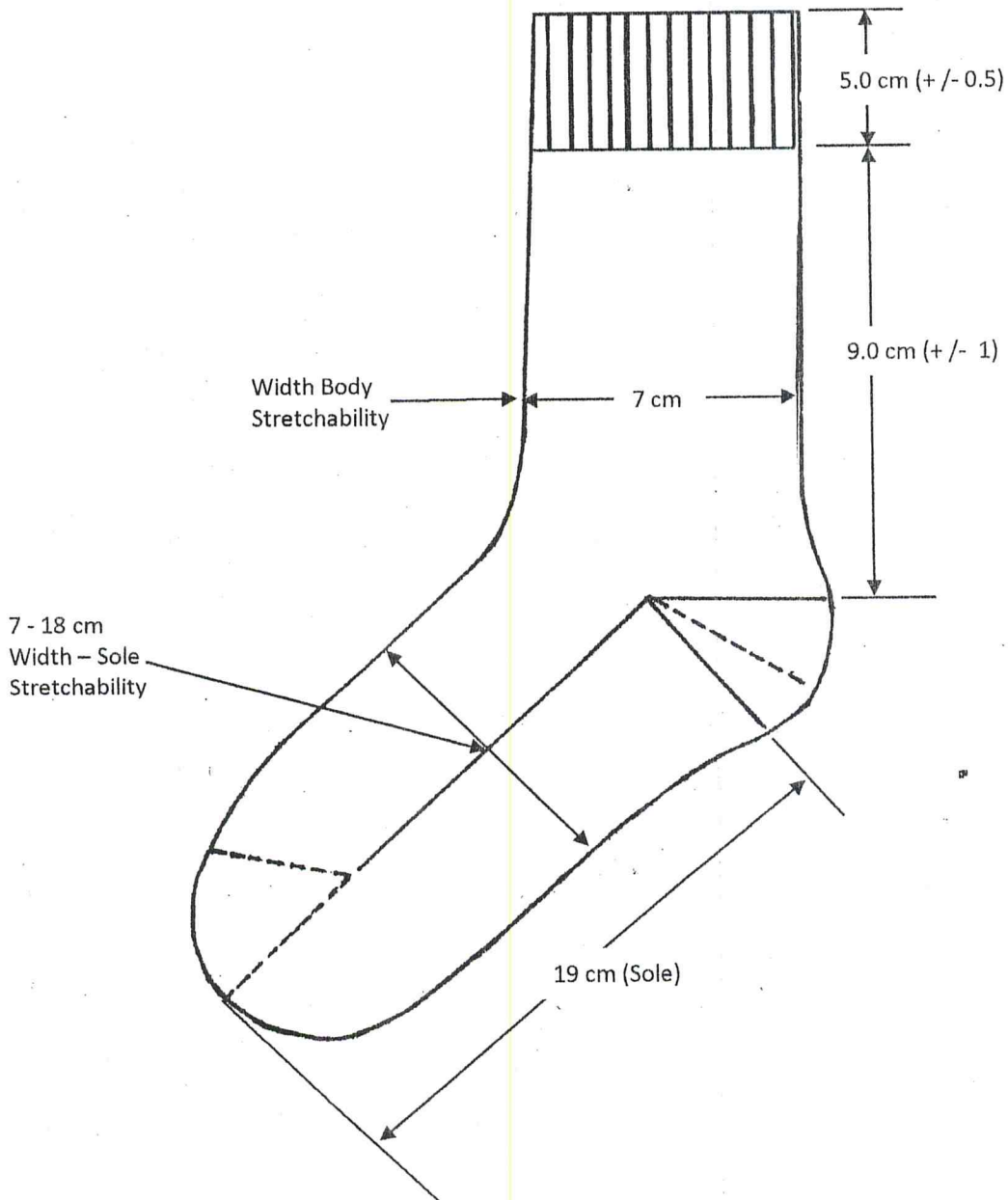
6.1 The contractor/manufacturer shall notify the Office of The Quartermaster General, AFP or equivalent office in the major services at least seven (7) days before actual production starts so that AFP inspectors can be assigned to oversee the process of manufacture to be followed and to inspect the quality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



SOCKS, ATHLETIC, WHITE



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TEST PARAMETERS
SOCKS, ATHLETIC, WHITE

TEST PARAMETERS	QM SPEC NR IC-21SAW with Amendment 1 26 May 2016	Classification of Defects	
		Major	Minor
Measurement, cm			
Length			
Folded Top	5.0 ± 0.5	x	
Body (with folded top)	9.0 ± 1.0	x	
Sole	21 ± 2	x	
Width			
Folded Top	6.0 ± 1.0	x	
Body	7.0 ± 1.0	x	
Sole	8.0 ± 1.0	x	
Type of Knit			
Folded Top	Rib knit 1 x 1 (minimum) or plain knit 3 x 1 (minimum)	x	
Body, Heel and Sole	Plain knit with terry loop	x	
Color	White	x	
Stretchability, cm			
Body	18.5 (minimum)	x	
Sole	18.0 (minimum)	x	
Material			
No. of Ply			
Top	2 ply cotton (minimum) 1 ply nylon or polyester (minimum)		x
Body & Sole	2 ply cotton (minimum) 1 ply nylon or polyester (minimum) 1 ply spandex (minimum)		x
% by weight			
Top	15% ± 5% cotton 20% ± 5% nylon or polyester with 65% ± 5% elastic rubber	x	
Body, Heel and Sole	35% ± 5% cotton 40% ± 5% nylon or polyester with 25% ± 5% spandex	x	
Fabric Count/cm			
Courses	8 (minimum)		x
Wales	5 (minimum)		x
Total Test Points		13	4


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