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HEADQUARTERS
PHILIPPINE ARMY
OFFICE OF THE ARMY QUARTERMASTER
Fort Andres Bonifacio, Metro Manila

PA SPECIFICATION

QM SPEC NR IC-21SAG

08 SEP 2019

Interim

SOCKS, ATHLETIC, GRAY

1. SCOPE

1.1. Scope – This specification covers one (1) type of Socks, Athletic, Gray for use of military personnel of the Philippine Army.

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

1.3. Size – Sizes and measurements of the finished socks are specified in Annex A.

2. REQUIREMENTS

2.1. First Article – Two (2) pairs sample of the finished athletic socks submitted to the Office of The Army Quartermaster shall be subjected to first article inspection in accordance with para 3.1

2.2. Basic Material – The socks should be gray in color with a color difference of not less than 1.5, and shall conform to the following requirements:

Characteristics	Folded Top	Body	Heel	Sole
Type of Knit	Rib knit 3x1 (min)	Plain knit with Terry Loop		
Material	2 ply Poly - Cotton (minimum) 1 ply Nylon (minimum) 1 ply Elastic Rubber (minimum)	2 ply Poly - Cotton (minimum) 1 ply Nylon (minimum) 1 ply Spandex (minimum)		
%Composition by Weight	60% + 5 Poly - Cotton 15% + 5 Nylon 25% + 5 Elastic Rubber	80% ± 5 Poly - Cotton 15% ± 5 Nylon 5% ± 5 Spandex		
Fabric Count/cm Wales Courses		(Body) 5 – 9 7 - 11		

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

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2.4. Sizing – The Socks, Athletic, Gray shall have three (3) sizes with the following dimensions:

Dimensions, cm	Small (Size 4 – 6)	Medium (Sizes 7 – 9)	Large (Sizes 10 – 13)
Length			
Folded Top (A)	4.0 – 5.0	5.0 – 6.0	6.0 – 7.0
Body with Folded Top (B)	7.0 – 9.0	9.0 – 11.0	11.0 – 13.0
Sole (C)	15.0 – 18.0	18.0 – 21.0	21.0 – 24.0
Width			
Folded Top (D)	6.0 – 7.0	7.0 – 8.0	7.0 – 9.0
Body (E)	9.0 – 11.0	10.0 – 12.0	10.0 – 13.0
Sole (F)	8.5 – 9.5	9.0 – 10.0	9.0 – 11.0
Stretchability			
Folded Top	16 (minimum)	17 (minimum)	18 (minimum)
Body with Folded Top	16 (minimum)	17 (minimum)	18 (minimum)
Sole	16 (minimum)	17 (minimum)	18 (minimum)

2.5. Workmanship

2.5.1. Design – The athletic socks be of the design essentially the same as shown in the attached illustration and the official sample of the Philippine Army.

2.5.2. 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 - 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 PA inspectors for purposes of examination and test to determine compliance with the requirements of this specification.

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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. 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 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 accept of defective material.

4.3. Samples – The samples of the finished socks shall be submitted for testing in accordance to the test procedure set forth by the Philippine Army to determine the extent of compliance with this specification insofar as quality of materials used is concerned. The Philippine Army representative shall determine the extent of compliance with the specification insofar as workmanship, style and finish are concerned.

5. PACKAGING AND PACKING

5.1. Packaging – Each pair of socks shall be placed in a transparent/cellophane bag with markings printed legibly on one face at the center portion of the bag using black indelible ink. 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. The contents of the bag shall be as follows:

- SOCKS, ATHLETIC, GRAY
- Designed for Athletic

Size	S	M	L
Foot Size	4 - 6	7 - 9	10 -13

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:

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

6. MISCELLANEOUS

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

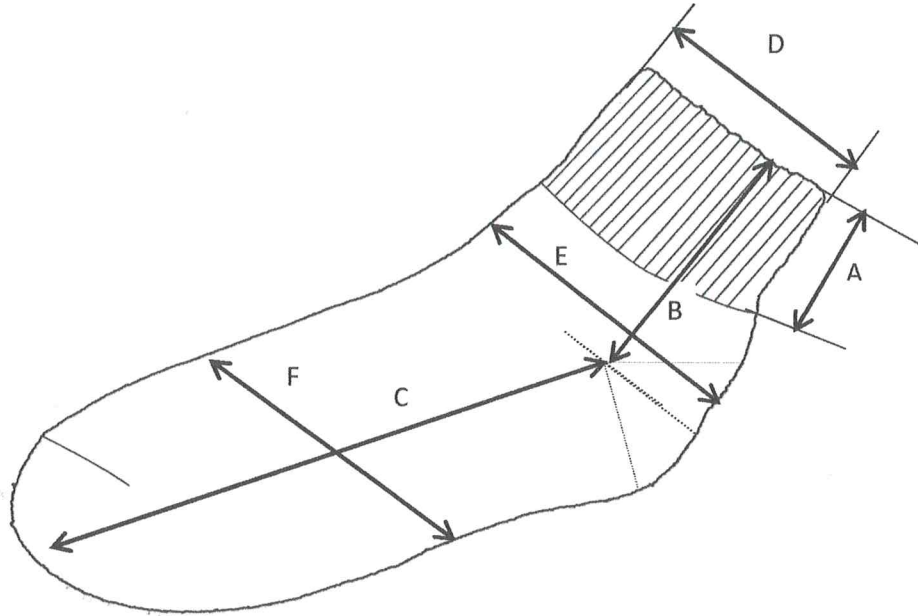

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Chief



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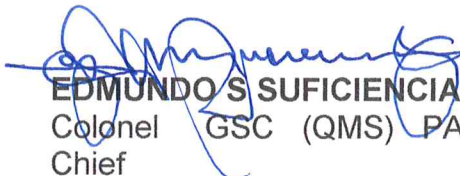
Actual Photo



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TEST PARAMETERS
SOCKS, ATHLETIC, GRAY

TEST PARAMETERS	QM SPEC NR IC-21SAG dated 08 September 2019	Classification	
		Major	Minor
Material			
Folded Top	2 ply Poly - Cotton (minimum) 1 ply Nylon (minimum) 1 ply Elastic Rubber (minimum)	x	
Body, Heel, & Sole	2 ply Poly - Cotton (minimum) 1 ply Nylon (minimum) 1 ply Spandex (minimum)	x	
%Composition by Weight			
Folded Top	60% + 5 Poly - Cotton 15% + 5 Nylon 25% + 5 Elastic Rubber		x
Body, Heel, & Sole	80% + 5 Poly - Cotton 15% + 5 Nylon 5% + 5 Spandex		x
Fabric Count			
Wales	5 - 9		x
Courses	7 - 11		x
Type of Knit			
Folded Top	Rib knit 3x1 (min)	x	
Body, Heel, & Sole	Plain knit with Terry Loop	x	
Measurements, cm	Size:		
Length			
Folded Top		x	
Body (with folded top)		x	
Sole		x	
Width			
Folded Top		x	
Body		x	
Sole		x	
Stretchability			
Folded Top		x	
Body (with folded top)		x	
Sole		x	
TOTAL TEST POINTS		10	4


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