

## FIELD CAP CCD

### 7. Manufacturing/ Stitching Guidelines

- a. The Field Cap Multicam Pixilate shall be fabricated in accordance with the shape and design of approved sample as illustrated in separate drawing.
- b. Upper Portion.
  - (1) Double fabric in one piece shall be used on upper portion of the cap as shown in the drawing.
  - (2) Top of Field Cap Multicam Pixilate shall slightly oval in shape.
  - (3) There shall be no wrinkles / puckering bulging at the top of the cap.
- c. Side Portion. Double fabric shall be used on side portion of the cap as shown in the drawing:-
  - (1) **Outer Layer.** Side of outer layer shall be in one piece stitched in such manner that joint shall be at center of back. All around puttee 3 cm wide in one piece shall be stitched with sides and joint seam at back as shown in the drawing.
  - (2) **Inner Layer.** Side of inner layer shall be stitched in one pieces as shown in the drawing.
- d. **Velcro for Adjustment.** A 2.5 cm wide and 7.5 cm in length Velcro Tape (Male/Female) at back side shall be used for adjustment of cap as shown in the drawing.
- e. Peak
  - (1) Peak plastic shall be covered with new Multicam Pixilate fabric on both sides stitching at peak shall be smooth and even as per approved sample and drawing.
  - (2) The peak plastic shall be flexible enough to enable bend without any breakage and must capable to retain its shape.

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Note: Computer Generated Documents Do Not Require Signature.



RESTD

f. Seam and Stitching

- (1) Sewing thread polyester 2/31.5 Tex shall be use for stitching. The No of stitches shall be 09 to 11 per 2.54 cm. The machine stitches shall be of even tension and all loose ends shall be trimmed / for fastened off.
- (2) All seams shall have minimum 0.6 cm fabric inlay.

- g. Shade of Field Cap Multicam Pixilate should conform to the sealed pattern / approved shade spectral values.

8. Workmanship and Finish

- a. Workmanship and finish shall be equivalent to the approved sample. It shall be the best of its class and to the entire satisfaction of Inspector.
- b. Field Cap Multicam Pixilate shall conform to approved sample in respect of all properties and qualities not defined in this technical data.

Technical drawing of a circular object, likely a lens or a disk, showing concentric dashed lines indicating different layers or thicknesses. The drawing includes a central label area and a small rectangular feature at the top. Dimensions are indicated by numbers: 175, 165, 190, 115, 61, 7, and 10. The central label area is labeled "LABEL 26.5 x 23 mm".

## SIDE VIEW

PEAK

DRAFT DRC

SECTION CC

STITCHING

## SECTION B B

A technical diagram of a rectangular PVC sheet. The sheet is labeled 'PVC SHEET' on the left side. It features stitching details at the corners and along the edges, indicated by dashed lines and the word 'STITCHING'. The stitching is shown as a series of parallel lines forming a border around the perimeter of the sheet.

## FRONT VIEW

SECTION A A

## BACK VIEW

## SECTION D

VELCRO FEMALE

STITCHING

VELCRO MALE

TITLE:-

## FIELD CAP

(THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH SEPARATE SPECIFICATION FOR THE SUBJECT STORE)

DRAWN	SARCON
TRACED	TRACER
CHECKED	
PASSED	
APPROVED	
DATE	

DIMENSIONS IN MM	
3rd ANGLE PROJECTION	SCALE 1:1 NOT TO BE SCALED

DRGOZ

INSPECTORATE OF  
ARMY STORES & CLOTHING  
KARACHI-15

Anx "B"

SIZE SCALEField Cap Multicam Pixilate Print & Pattern

Ser	Descriptions	Size In cm				Tolerance
	Internal Circumference	55	57	59	61	±0.5 cm
1	Height at Front (without puttee)	4.5	4.5	4.5	4.5	0.2
2	Height at Front (with puttee)	7.5	7.5	7.5	7.5	0.2
3	Height at Back (without puttee)	6.5	6.5	6.5	6.5	0.2
4	Height at front (with puttee)	9.5	9.5	9.5	9.5	0.2
5	Puttee all round out side width	3	3	3	3	0.1
6	Round top width	16	16	18	18	0.3
7	Round top Length	18	18	20.5	20.5	0.3
8	Peak length (at centre)	6	6	6	6	0.2
9	Peak width (at back)	18	18	18	18	0.3

Note: The tolerances given are only for made up caps to cover the stitching allowance. Manufacture will ensure exact size.

Contd



# FD CAP

Ser	Critical Test	Specified Limits
<b>Test – Sewing Thread Polyester</b>		
1.	Material	100% Polyester
	<b>Major Test</b>	
	Construction	2 cord each single
	Count of Yarn	2/31.5 Tex $\pm$ 3%
	B.S (24" BG)	Av= 2.2 Kg $\pm$ 250gm
	Balance of Twist	2,3
	Direction of Twist	S/Z
	Shade	Matching with Ground Shade of Multicam Pixlate Fabric
	Nature of Dye	Disperse dye
	Dye fastness to light	Class IV
	Washing test No. 3	
	Change in shade	GS No. 4 or better
	Staining on polyester	GS No. 4 or better
	Hot Iron test	No Visible change
<b>Test Plastic Peek</b>		
2.	Material	Plastic (virgin)
	<b>Major Test</b>	
	Thickness	1.5 mm – 1.7 mm
	Density	0.92 g/cc $\pm$ 0.01 g
	Hardness (IRHD)	97 $\pm$ 1
<b>Test – Dori Cotton</b>		
3.	Material	Cotton
	<b>Major Test</b>	
	Thickness	1.5 mm