

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.



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.

SEALED D.C. DRG. NO. _____

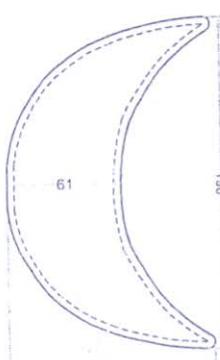
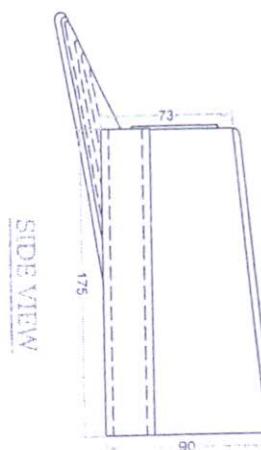
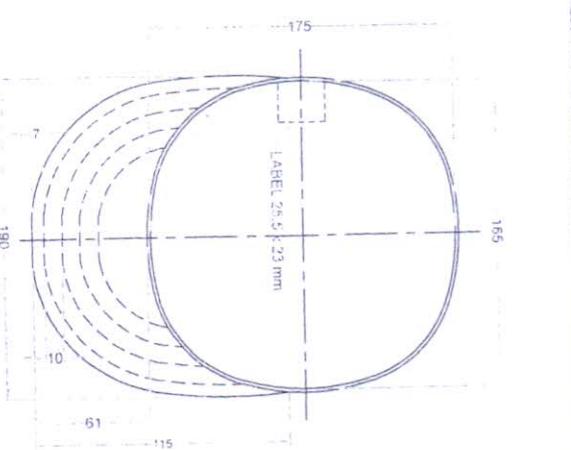
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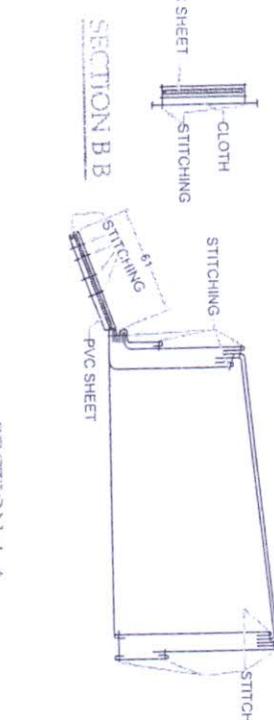
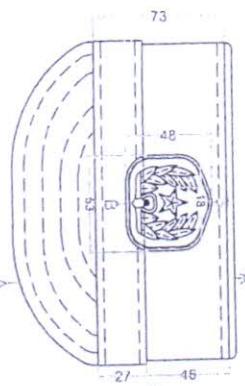
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DATE	AUTHORITY

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TOP VIEW

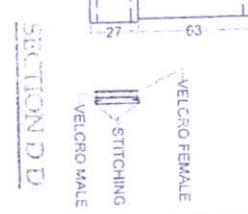


SECTION A-A

BACK VIEW



SECTION C-C



SECTION D-D

DIMENSIONS IN MM

3rd ANGLE PROJECTION	SCALE	NOT TO BE SCALED
	1:2	

DRG NO. _____

TITLE:-
FIELD CAP

DRAWN	S. RAJPUT
TRACED	
CHECKED	
PASSED	
APPROVED	
DATE	

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

INSPECTORATE OF
ARMY STORES & CLOTHING
KARACHI, 16

Anx "B"

SIZE SCALEField Cap Multicam Pixilate Print & Pattern

Ser	Descriptions	Size in cm				Tolerance
		55	57	59	61	
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
<u>Test – Sewing Thread Polyester</u>		
1.	Material	100% Polyester
	Major Test	
	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
<u>Test Plastic Peek</u>		
2.	Material	Plastic (virgin)
	Major Test	
	Thickness	1.5 mm – 1.7 mm
	Density	0.92 g/cc \pm 0.01 g
	Hardness (IRHD)	97 \pm 1
<u>Test – Dori Cotton</u>		
3.	Material	Cotton
	Major Test	
	Thickness	1.5 mm