

RESTRICTED
INSPECTORATE OF GENERAL STORES & CLOTHING
DHAKA CANTONMENT

SPECIFICATION NO: IGS&C/CLO/1313 DT: 15 JAN 2026 DRAWING NO: BD-GS-PD- 2032

VOCAB SECTION: CA

CAT/PART NO: 0775

NOMENCLATURE: CLOTH TC RIB STOP COMBAT PRINTED

(IN SUPERSESSION OF PREVIOUS SPECIFICATION NO. IGS&C/CLO/1073 DT: 07 OCT 2018 & IGS&C/CLO/1276 DT: 19 JUN 2025).

1. Basic Materials

Name of Component	Materials
Basic Materials	65% Polyester & 35% Cotton

2. Parameters

Name of Component	Chemical/Physical Properties	Visual Properties
Width of Cloth	-	143 – 148 cm
Selvage	-	0.60 cm
Distance between two Ribs	-	0.65 cm
Type of Weave	1/1	
Wt/Sq Mtr	195 $\pm$ 5 gm	
Count of Yarn in Warp & Weft	2/45 ^s $\pm$ 2	
<u>No of Threads/2.54 cm (Method: ISO 7211/2)</u>		
a. Warp	120 $\pm$ 2 nos single (Each 2 ply)	
b. Weft	65 $\pm$ 2 nos single (Each 2 ply)	
<u>Tensile Strength in kg (Method: ISO 13934-1)</u>		
a. Warp	120 $\pm$ 5 kg	
b. Weft	55 $\pm$ 5 kg	
<u>Shrinkage – By Machine (Method: BDS ISO 7771)</u>		
a. Warp	2% (Max)	
b. Weft	2% (Max)	



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10 Times Wash (Soap washing/Detergent powder)	-	Grey scale rating better than 4
Resistance to Pilling	ISO 12945-2	Rating grade better than 3
Resistance to Abrasion	ISO 12947-1	Rating grade better than 3
Colour Fastness to Hot Pressing (Temperature: 150 ⁰ C, Time: 15 Sec) (Grey Scale Rating) -Dry Condition -Damp Condition -Wet Condition	ISO 105-X11	Grey scale rating better than 4

Special Condition – Combat Printed Cloth

- High quality dyestuff from any internationally reputed company (preferably from Germany and Switzerland) has to be used.
- Shade must be as per approved sample held in IGS&C.
- Colour fastness bellow grey scale rating 3/4 may be rejected.
- Colour/Shade must not be discolored/faded within first 06 (six) months of use. Supplier/ Manufacturer must provide warranty certificate in this regard.
- Product should be free from defective/mixed fiber such as Viscose, Rayon etc.

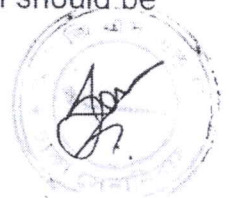
4. Length of Thaan

- Minimum 50.0 metre each Thaan before inspection.
- During 100% inspection, up to 9.90 metre than to be considered as multiple of 3.30 metre. Above 9.90 metre than defective portion has to be marked as rejected without cutting. Final quantity of the than to be counted and marked by deducting the rejected quantity.

5. Marking (Thaan)

- In case of central procurement name of the supplier, contract no & date, challan no with dt have to be printed clearly on the selvage and it should be printed twice in every one meter (Example: XXXX Ent, Cont. No-XXXXXXXXXXXXX Dt. XX Dec 25, Challan-1/26 Dt. XX Jan 26).
- In case of local purchase name of the supplier, contract no & date, challan no with dt, **LP by COD** have to be printed clearly on the selvage and it should be printed twice in every one meter (Example: XXXX Ent, Cont. No-XXXXXXXXXXXXX Dt. XX Dec 25, Challan-1/26 Dt. XX Jan 26, **LP by COD**).
- Both ends of a than to be marked of with 100% inspection's acceptance marks, length of than and the word "SENABAHINI" with indelible ink.
- Any coloured stripe near the selvage of cloth will not be allowed.

- Packing.** Quantity of each roll is to be 125 to 150 metre and each roll should be packed in the following process:



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12. Eligibility of Supplier to Participate in Tender

a. Local Agent/Source: Manufacturer/Supplier having the capability and recent experience to manufacture/supply both the Grey and Combat Printed Cloth in Bangladesh Army are allowed to participate in the tender.

b. Local Agent or Supplier of Foreign Agent/Source.

(1) Following certificates from foreign original manufacturer/ factories to be submitted during tender:

(a) Agreement between local supplier and the foreign original manufacturer/factory.

(b) Can produce the product as per specification.

(c) Can produce the required quantity within the schedule time limit.

(d) Warranty/Guarantee Certificate about the quality and colour of the cloth.

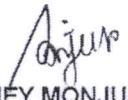
(e) Foreign Manufacturer's experience certificate.

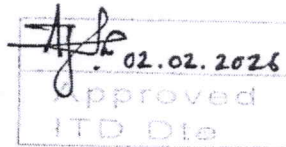
13. Inspection

a. 100% inspection will be carried out for all local/foreign contract.

b. Pre-Shipment Inspection (PSI) will be carried out for foreign contract.

Recommend by


IBNEY MONJURUL KHALID
Col
Chief Inspector



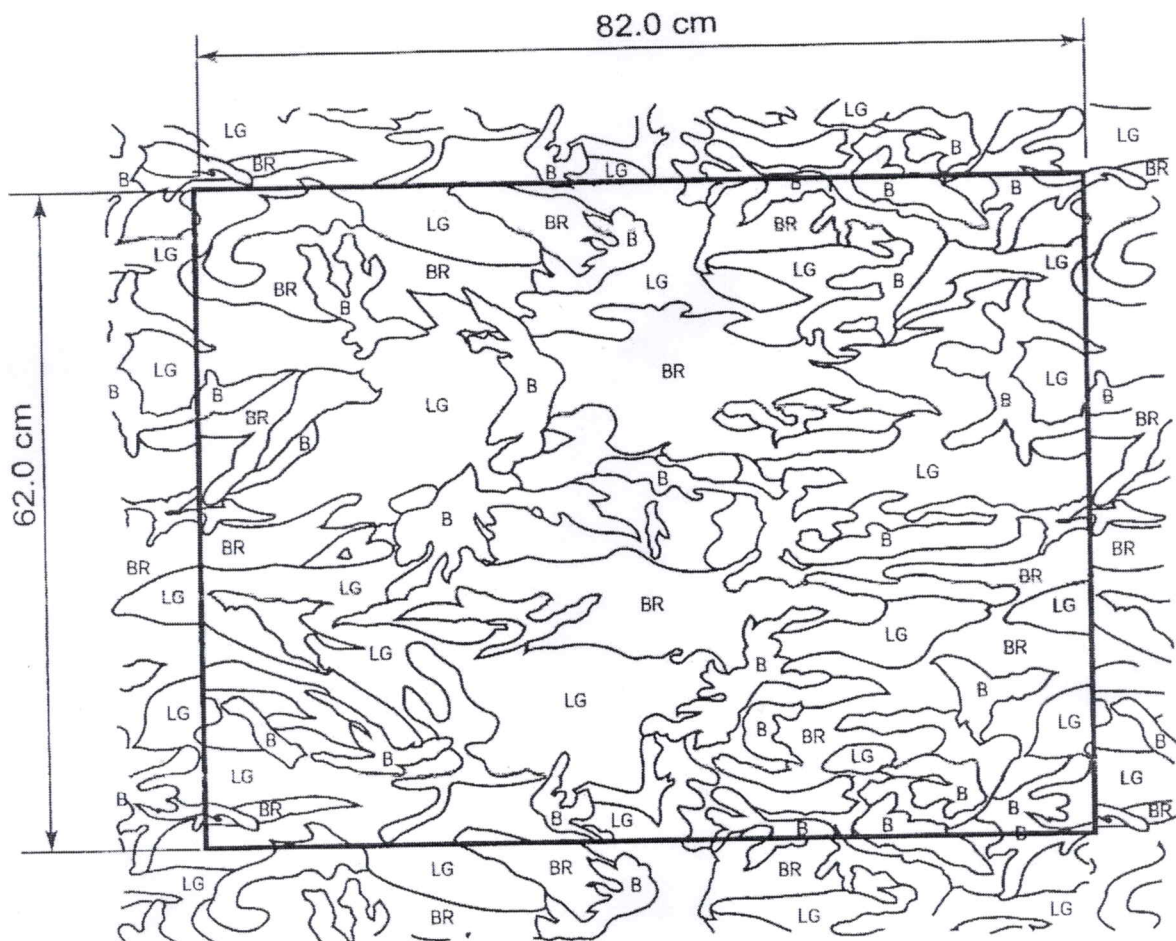
Approved by

Director, ITD Dte

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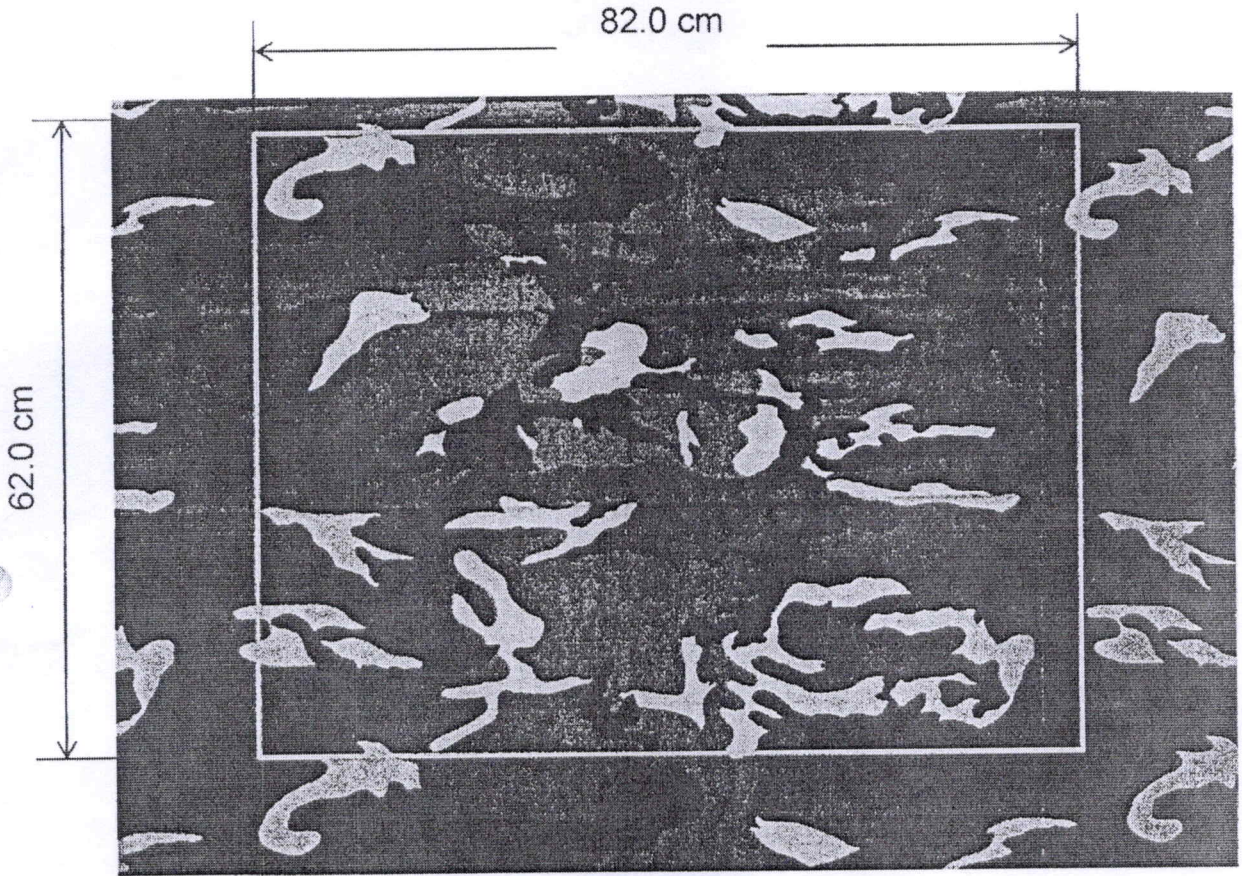
Note:

B - Black (Pantone Colour Code-19-4008 TCX)
 BR - Brown (Pantone Colour Code-19-1419 TCX)
 LG - Light Green (Pantone Colour Code-19-0413 TCX)
 K - Khaki (Pantone Colour Code-18-1318 TCX)

[Signature] 02.02.2026
 Approved
 ITD D/O



DRAWN	Nadira	RECOMMENDED	<i>[Signature]</i>	TITLE:	IGS&C
COMPARED	<i>[Signature]</i>	APPROVED		CLOTH TC RIB STOP COMBAT	DHAKA CANTT
CHECKED	<i>[Signature]</i> 15.01.26	DATE		PRINTED (BLACK, BROWN,	DRG NO BD GS
PASSED	<i>[Signature]</i> 15.01.26	NOT TO SCALE		LIGHT GREEN & KHAKI)	PD - 2032



Handwritten signature
02.02.2016
Approved
[Signature]

CLOTH TC RIB STOP COMBAT PRINTED
(BLACK, BROWN, LIGHT GREEN & KHAKI)

(মাপনী মোতাবেক নয়, শুধুমাত্র রং ও ডিজাইনের জন্য)

