

RESTRICTED

**INSPECTORATE OF GENERAL STORES & CLOTHING**  
**DHAKA CANTONMENT**

SPECIFICATION NO: IGS&C/CLO/968 DT: 04 JAN 2017

DRG NO: NIL

VOCAB SECTION: CA

CAT/PART NO: NIV

NOMENCLATURE: **CLOTH POLYESTER DARK OLIVE GREEN FOR SD**

(In suppression of previous technical data no IGS&C/Clo/729 dt. 12 April 2015)

Ser.	Description	Specification
1.	Material	: 100% Polyester
2.	Weave	: 1/1, 2/1, 1/1, 2/1.....(Twill)
3.	Width of cloth	: 147.0 cm (Minimum)
4.	Selvage	: 2.0 cm
5.	Weight per sq metre	: 195 $\pm$ 5 gm
6.	<u>No of Threads/2.54 cm</u>	
	a. Warp	: 147 $\pm$ 2 nos
	b. Weft	: 110 $\pm$ 2 nos
7.	<u>Denier of Yarn.</u>	
	a. Warp	: 160.0 <sup>d</sup>
	b. Weft	: 160.0 <sup>d</sup>
8.	<u>Breaking Strength of Cloth in kg</u> <u>(10.16 X 16.81 cm BG).</u>	
	a. Warp	: 230 kg (Minimum)
	b. Weft	: 190 kg (Minimum)
9.	<u>Shrinkage Percentage.</u>	
	a. Warp	: 2% (Maximum)
	b. Weft	: 2% (Maximum)



Ser.	Description	Specification
10.	<u>Dye Fastness Test</u>	
	a. <u>Washing test no – 2</u>	
	(1) Reagent: 0.2% Free alkali soap	Should not show any change in shade (Grey scale rating 5)
	(2) Temperature: 60° Centigrade	
	(3) Time: 1½ (one & half) hours	
	b. <u>Rubbing.</u>	
	(1) Rubbing with ordinary soap in cold water & hot water at 60° centigrade temperature	Should not show any change in shade (Grey scale rating 5)
	c. Sunlight Test (72 sunlight hours)	Should not show any change in shade (Grey scale rating 5)
11	Wrinkle Recovery Properties	Should be wrinkle free
12.	Shade	Dark Olive Green (Pantone colour code 19-0414 TCX) (As per approved sample held in IGS&C)
13.	Classification of Dye stuff	Diaperse
14.	<u>Note</u>	
	a. Shade must be as per approved sample held in IGS&C.	
	b. Shade must be fast to sunlight, washing & rubbing test.	
	c. Cloth should be free from all kinds of defects, i.e unevenness, naps, slubs, knots, weaving defects, viscose, rayon, threads missing & foreign materials etc and there should not be any joint.	
	d. The cloth must be very clean. Any patchy dye, staining and defect of dyeing will not be acceptable.	
	e. Finishing of cloth must be smooth and soft.	
15.	Length of Thaan: Each thaam must be multiple of 3.2 metre except marking allowance of end.	
16.	<u>Marking (Thaan)</u>	
	a. Name of the supplier and month with year of production have to be weaved clearly on the selvedge and it should be weaved twice in every one meter for central purchase (Example: ABCD TEXTILE, 02 - 2017) and for local purchase by COD (Example: ABCD TEXTILE, 02 - 2017, LP COD).	
	<u>Note</u>	
	In case of tailoring complete dress the selvedge along with above information should be visible in inner side of shirt.	





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- b. Both ends of a thaana to be marked of 100% inspection acceptance marks, length of thaana, and the word "SENABAHINI" with indelible ink.
- c. Any coloured stripe near the selvedge of cloth will not be allowed.
17. **Marking (Roll).** One side of roll to be stenciled with nomenclature of store, firms name, contract no & date, I/note no & date and total quantity of store & roll no and other side to be stenciled with consignee name.
18. There should be an agreement between supplier and manufacturer where supplier will Produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machineries; i.e natural disaster, unavoidable mechanical failure of machines etc) and submit with Tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially at DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.
19. **Warranty/Guarantee.** The warranty/guarantee period of the store will be 30 (Thirty) months from the issue of 'inspection note' by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied store if found abnormally defective within 30 (Thirty) months being stored or in practical use (Under intended normal use with standard washing). The defective store should be replaced by the manufacturer/supplier at their own cost within 30 (Thirty) days as the case arises.
20. **Quality inspection by Supplier.** Supplier to provide a certificate ( Along with challan ) that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied about the following :
- a. Products are produced/manufactured as per specification.
- b. Products are tested/inspected as per the specified test mentioned in this specification and found correct.
21. **Packing.** Quantity of each roll is to be 124.8 to 150.4 metre and each roll should be packed in the following process :
- a. Each thaana should be rolled on a good quality paper tube and packed in polyethylene. Then wrapped with good quality Hessian cloth.
- b. One edge of Hessian cloth to be stitched and other edge of Hessian cloth to be tied with twine jute.



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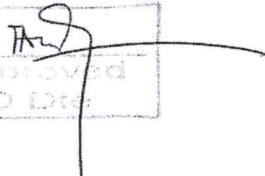
22. **Tender Sample:** 03 (Three) Metre cloth to be submitted as tender sample.
23. **Advance Sample:** 03 (Three) Metre cloth with packing material to be submitted as advance sample.

**Recommended by**



MD. SHARIF HOSSAIN  
Colonel  
Chief Inspector

**Approved by**

  
Approved  
ITD Dte

Director, ITD Dte

