

RESTRICTED

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

SPECIFICATION NO. IGS&C/CLO/965 DT: 04 JAN 2017 DRAWING NO. Nil  
VOCAB SECTION: CA CAT/PART NO. 0750  
NOMENCLATURE: RONGIN SYNTHETIC/WOOLEN CLOTH 152-158 CM (FOR SPORTS COAT)  
(In suppression of previous tech data no IGS&C/CLO/804 Dt. 14 Oct 2015)

Ser.	Description	Specification
1.	Material %	: 70% Polyester± 2% 30% Viscose ± 2%
2.	Shade	: Navy Blue - Pantone colour code- 19-4013 Tcx (as per approved)
3.	Type of Weave	: 2/1, 1/1, 2/1, 1/1 ..... 2/1, 1/1
4.	Width of Cloth	: 152-158 cm
5.	Width of Selvage	: 2 cm
6.	Wt/sq Meter	: 210±5 gm
7.	<u>No of Threads/2.54 cm</u>	
	a. Warp	: 109±1 Nos (Single each 2 folds)
	b. Weft	: 101±1 Nos (Single each 2 folds)
8.	<u>Count of Yarn</u>	
	a. Warp	: 2/50 <sup>s</sup> ±1
	b. Weft	: 2/50 <sup>s</sup> ±1
9.	<u>Shrinkage percentage</u>	
	a. Warp	: 2% (Max)
	b. Weft	: 2% (Max)
10.	<u>Tensile Strength</u> (B.G 10.16 X 16.82) cm	
	a. Warp	: 205±5 kg
	b. Weft	: 175±5 kg
11.	Wrinkle Recovery Properties	: Should be wrinkle free.
12.	<u>Dye-fastness to Washing</u>	
	a. Test No-2.	
	b. Test No-4.	
13.	<u>Dye-fastness to Rubbing Test</u> (Rubbing with ordinary soap in cold water and hot water at 60° c)	
14.	Sunlight Test (72 hours)	

Grey scale rating 5.



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15. Resistance to pilling & abrasion : Grading scale 3 (Min).  
16. Classification of dye stuff : Vat & Disperse.  
17. Note  
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, 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.
18. Length of Thaan. Each thaan must be multiple of 1.83 metre except marking allowance of end.

19. Marking (Thaan)

- 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 TEXTILES, 02- 2017) and for local purchase by COD (Example: ABCD TEXTILES, 02- 2017, LP COD).

Note

In case of tailoring complete dress the selvedge along with the above information should be visible in inner side of coat.

- b. Both ends of a thaan to be marked of 100% inspection acceptance marks, length of thaan, and the word "SENABAHINI" with indelible ink.  
c. Any colour stripe near the selvedge of cloth will not be allowed.
20. Packing. Quantity of each roll is to be 124.44 to 150.06 metre and each roll should be packed in the following process:  
a. Each thaan should be rolled on a good quality paper tube and packed in polythene. 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.

21. 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.





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22. Warranty/Guarantee. The warranty/guarantee period of the store will be 60 (Sixty) 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 60 (Sixty) months being stored or in practical use (Under intended normal use with standard washing using commonly available soap washing/detergent in the market and dried in the shade). The defective Rongin Synthetic/Woolen Cloth should be replaced by the manufacturer /supplier at their own cost within 30 (Thirty) days as the case arises.

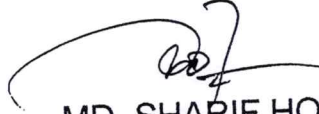
23. Quality Inspection by Supplier. Supplier to provide a certificate (Along with all challan) that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied about the following:


- a. Products are produced/manufactured as per specification.
- b. Products are tested/inspected as per the specified testing mentioned in this Specification and found correct.

24. Tender Sample. 03 (Three) Metre cloth to be submitted as tender sample.

25. Advance Sample. 03 (Three) Metre cloth with packing material to be submitted as advance sample.

Recommended by

  
 MD. SHARIF HOSSAIN  
 Colonel  
 Chief Inspector

  
 Approved  
 ITD Dte

Approved by

Director, ITD Dte

