

RESTRICTED

INSPECTORATE OF GENERAL STORES & CLOTHING
DHAKA CANTONMENT

SPECIFICATION NO: I G S & C/GS/1126 DT : 15 JAN 2020 DRG NO: BD-GS-PD-1839
(A, B & C)

VOCAB SECTION: KC

CAT/PART NO. 8328

NOMENCLATURE: BLANKET OFFICERS SYNTHETIC (SINGLE)

(In supersession of previous specification no IGS&C/GS/784 and
Drawing no. BD-GS-PD-1539 dt 13 Aug 2015)

1. **General Description.** This vibrant embossed style blankets are characterized by their incredible softness and warmth. These should be made from high quality fine acrylic micro fiber which enables warmth even in extreme cold. These blankets are thick having higher piles which provides better cushioning effect and enhance comfort. Piles should not shed and must last for years. User should be able to machine wash the blanket number of times. The acrylic piles should provide the softness while the polyester base should keep the mink blanket away from wrinkling. They must be highly durable, eco friendly and manufactured from materials not harmful for human body.

2. **Material of Blanket.**

- a. Piles : 100% Acrylic
b. Base cloth : 100% Polyester

3. **Type of Weave** : Mink (Piles)

4. **B.S in Kg (ISO 13934-1).**

- a. Warp : 60 ± 5 Kg (Min)
b. Weft : 80 ± 5 Kg (Min)

5. **Colour Fastness.**

- a. Colour fastness to Wash : Gray scale rating 4/5
(Test-2) (ISO 105-CO2)
b. Colour fastness to Sunlight : Gray scale rating 4/5
(Machine) (ISO 105-BO2)

6. **Weight per Square Meter (GSM):** 700 gm ± 25 gm
(ISO 3801)

7. **Dry Wash** : Should not show any change in shade.

8. **Design of Blanket (Face Side):** Embossed design (As per approved sample/design held at IGS&C. Soft copy of the design (if necessary & required), will be provided by IGS&C.

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Colour.

- a. Beige : Pantone colour code no: 14-1118 TCX,
Pantone colour Name: Beige
- b. Cream Tan : Pantone colour code no: 12-0601 TCX,
Pantone colour Name: Eggnog
- c. Gray Violet : Pantone colour code no 16-3915 TCX,
Pantone colour Name: Alloy
- d. Fawn : Pantone colour code no 14-1107 TCX,
Pantone colour Name: Oyster Gray
- e. M Camel : Pantone colour code no 17-1128 TCX,
Pantone colour Name: Bone Brown
- f. Light Coffee : Pantone colour code no 17-1328 TCX,
Pantone colour Name: Indian Tan

(Note):

3. Suppliers may choose any 03 (three) colours from the above mentioned 06 (six) colours.
4. Suppliers may see the approved shade/colour swatch held at IGS&C after purchasing tender schedule from DGDP/COD.)

10. **Dimensional Measurement.**

Ser	Description	Measurement
a.	Length	250 cm \pm 5 cm
b.	Width	160 cm \pm 5 cm
c.	Weight of each Blanket	2800 gm \pm 100 gm
d.	Width of Hem	2.50 cm

11. **Hemming.** All sides of the blanket will be secured with Art silk cloth (Lady Hamilton) of the same colour, both face seamed by plain stitching with same colour thread. The corners of the blanket should be round shaped as per the approved sample, held in IGS&C, Dhaka Cantt.

12. **Piles.** Piles of the blanket should be uniform throughout the blanket. The piles should be so firm that it should not be pulled off with normal pull and rubbing. There should not be any missing piles.

13. **Feel & Finish.** Blankets must have smooth and soft finish all over the surface. Embossed design should be even throughout.

14. **Country of Origin.** To be mentioned by the supplier.

15. **Year of Manufacture.** The blankets must be manufactured after signing of contract. Manufacturer must provide a certificate in this regard.

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16. General Instructions.

- a. The blankets should not have any manufacturing defects, shade variation or any other flaws/defects.
- b. There should be no missing thread/piles, no porosity, thick and thin etc.
- c. No chemicals of restricted substance list should be used while manufacturing these blankets. There should not be any banned azo dyes and colorants used while manufacturing blankets. These should be free of harmful chemicals and safe for human use. Blankets must not cause any hazard for human health. Manufacturer/supplier must provide test report regarding this (e.g. **Detection of Amines, Chlorinated Phenols, Formaldehyde content etc**) as per appropriate test method (e.g. **EN 14362-1:2017, ISO 14184-1:2011**) from any internationally reputed laboratory during bulk supply.
- d. If any sample (Tender, Advance & BR) can not be tested by IGS&C then those should be tested at any internationally reputed laboratory in Bangladesh. The supplier should pay tests cost as per DP-35 sub para-12 (A & B).

17. Quality Inspection by the Manufacturer. The Manufacturer must provide a certificate (with each challan) that they have carried out a comprehensive quality inspection/test at their end. They also should certify about the following:

- a. The supplied products are manufactured as per specification.
- b. The supplied products are tested as per specified test methods mentioned in the specification. These tests must be conducted from any internationally reputed laboratory and submitted with every challan.

18. Marking. Blankets should have a label mentioning the word "SENABAHINI", Name of firm, Month and Year of manufacture of the item and another label mentioning the washing/cleaning instructions (wash label & care label). These labels should be attached by stitching at one corner of the blanket.**19. Tender Sample.** 02 (two) nos samples of each colour should be submitted as tender sample with carrying bag.**20. Advance Sample.** 02 (two) nos samples of each colour should be submitted as advance sample with carrying bag & packing materials at free of cost. In case of foreign supply where Pre Shipment Inspection (PSI) will be conducted then Advance sample may not be required. Instead PSI team will collect samples as per requirement (Minimum 02 (Two) samples from each colour) during PSI and bring those to Bangladesh. IGS&C will carry out necessary tests and visual inspection. Tests which cannot be conducted at IGS&C laboratory will be conducted at any internationally reputed laboratory and tests fees in this regard to be borne by the supplier as per DP-35.**21. Bulk Representative BR Sample.** 02 (Two) nos sample of each colour will be collected as Bulk Representative (BR) sample from each challan. BR sample must be provided by the supplier at free of cost (i.e. in addition to the contracted quantity) for visual inspection & necessary laboratory tests. All test and all other inspection will be carried out by Inspectorate of General Stores & Clothing (IGS&C), Dhaka Cantonment.

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22. **Warranty/Guarantee.** Warranty/guarantee certificate from the manufacturer should be provided by the supplier to the effect that the Blanket Officer supplied are brand new, complete with material and good workmanship throughout and in the event of any shortage, defects/damages being found after inspection, the defective stores should be replaced by the supplier at their own cost within 45 (Forty five) days of the case arises. The warranty/guarantee period will be 12 (Twelve) months and should be counted only after the "Inspection Note" is issued by Inspectorate of General Stores & Clothing (IGS&C).

23. **Pre-Shipment Inspection (PSI).** Necessity of PSI will be determined by AHQ, MGO Br, ITD Dte. PSI criteria will be determined by IGS&C and vetted by ITD Dte before signing of contract.

24. **Post-Shipment Inspection.** On arrival of stores in Bangladesh (consignee's end at COD or any other place decided by CI, IGS&C) Bulk Representative (BR) Sample will be drawn at random for carrying out laboratory tests. Once laboratory test is found satisfactory only then detail 100% inspection of stores will be done and final inspection note will be issued. At the time of inspection, the supplier or his local agent shall remain present. If any supplied item is found not as per contract during Post Shipment inspection, item will not be accepted. In such case, the item will be replaced by the supplier at their own cost

25. **Inspection and Rejection.**

- a. 100% stores will be inspected by IGS&C to ascertain correctness of stores as per contract and specification.
- b. All blankets supplied shall comply with the terms of this specification and shall in all respects satisfy the inspectorate.
- c. If on examination, 20% of any delivery/challan including packing material is found not in accordance to this specification in respect of design, dimensions, workmanship and finishing the whole consignment may be rejected.
- d. The consignment may be accepted/rejected fully/partially.
- e. Inspector is the authority in all matters pertaining to inspection.
- f. Each accepted blanket shall be clearly marked with Inspector's acceptance mark.
- g. Each rejected blanket shall be clearly marked with rejection mark as per DP 35.
- h. Supplier must be ready to arrange 100% inspection at IGS&C premises or any other place selected by CI, IGS&C.
- j. Rejected stores will be replaced by the supplier at free of cost within forty five (45) days of signing of Inspection Note by CI, IGS&C.

26. **Shipment.**

- a. Stores must be shipped from the country of manufacture.
- b. Transshipment is not allowed.
- c. No stores will be shipped (in case of foreign supply) without the clearance of appropriate authority.
- d. All stores must be supplied within the stipulated delivery schedule.



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27. **Packing.** Each blanket should be packed in a good quality plastic carrying bag (As per the sample held in IGS&C, Dhaka Cantt) with 4 (Four) naphthalene balls (Large size) inside. Such 06 (Six) nos of blankets will be well packed in a proper size corrugated paper carton of 09 (Nine) plies with securing 02 poly band strap.

28. **Carrying Bag for Blanket (Single)**

Ser	Description	
a.	Material	
b.	Thickness of plastic	: Transparent plastic
c.	Size of bag (LxHxW)	: 1.5 mm
d.	Size of handle (LxCr)	: Appropriate size
e.	Distance of joint of handle from top	: As appropriate
f.	Distance between two joint portion of handle	: 03 cm
g.	Dia of GI wire used in the hem both side of bag	: 15 cm
h.	Length of chain	: 02 mm
j.	Colour of chain	: As appropriate
		: Any colour (Nylon)

Note: Top and bottom side of the carrying bag to be printed with following information:

- BANGLADESH SENABAHINI.
- Name of Blanket.
- Size of Blanket.
- Net weight of Blanket.

29. **Marking on the Carton:**

One Side :

BANGLADESH SENABAHINI.

Nomenclature of store.

Qty packed & Package number

Colour of Blanket.

Contract no. & date.

Firm's Name & address.

Another Side :

Consignee's name and address.

Recommended By

MUHAMMAD HUMAYUN KABIR

Col
Chief Inspector

Director, ITD Dte

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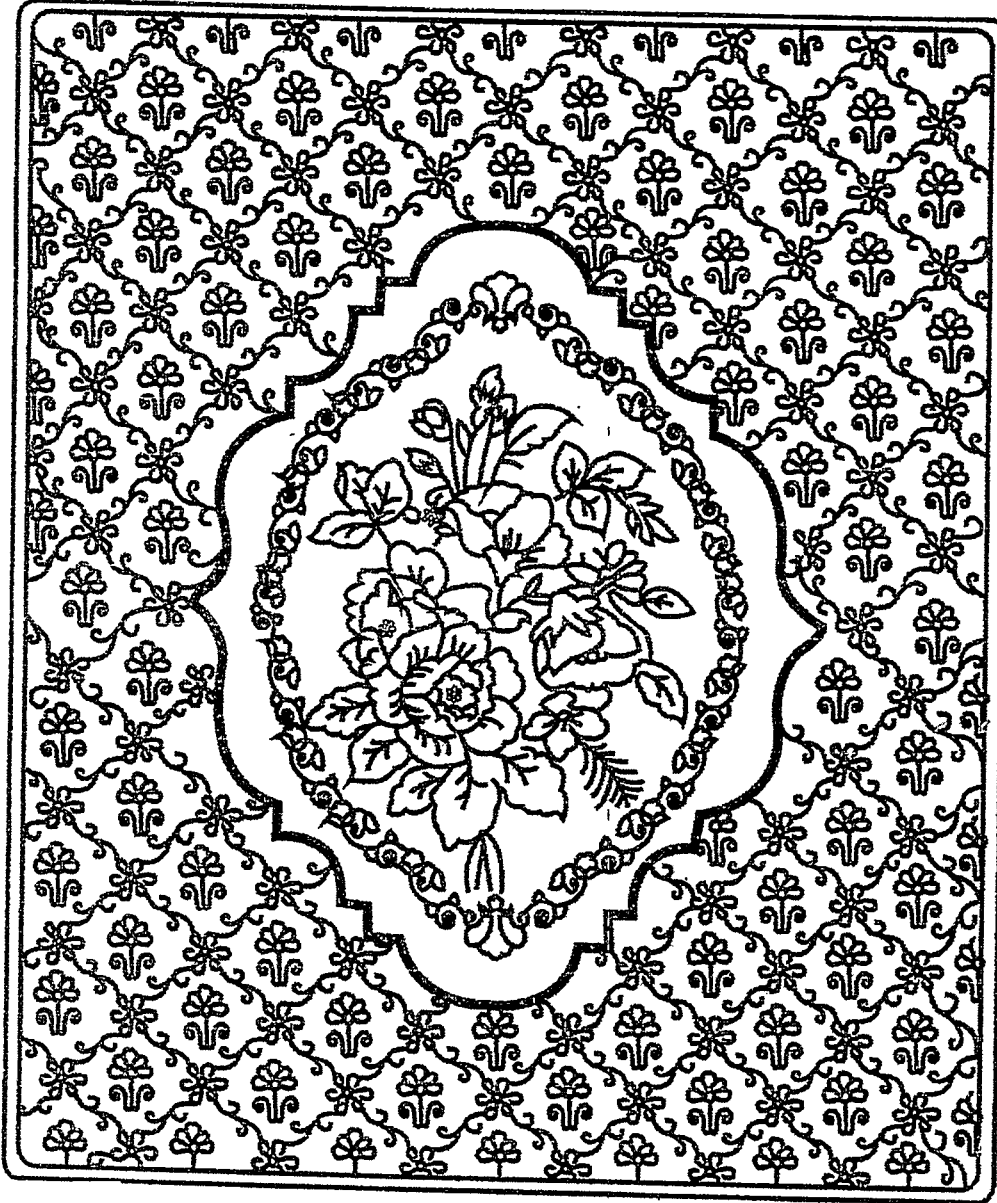
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BLANKET OFFICERS SYNTHETIC (SINGLE)
BEIGE COLOUR



160±5 cm



250±5 cm

Design/Emboss Measurement

1. Emboss Length 230±5 cm
2. Emboss Width 150±5 cm

Approved
ITD
ALL MEASUREMENTS SHOWN IN CM

DRAWN	Nadira	RECOMMENDED	TITLE: BLANKET OFFICERS SYNTHETIC (SINGLE)	IGS&C DHAKA CANTT DRG NO BD GS PD-1839-(A)
COMPARED	Dr. N.	APPROVED		
CHECKED	Dr. N.	DATE		
PASSED	J.C.	NOT TO SCALE		

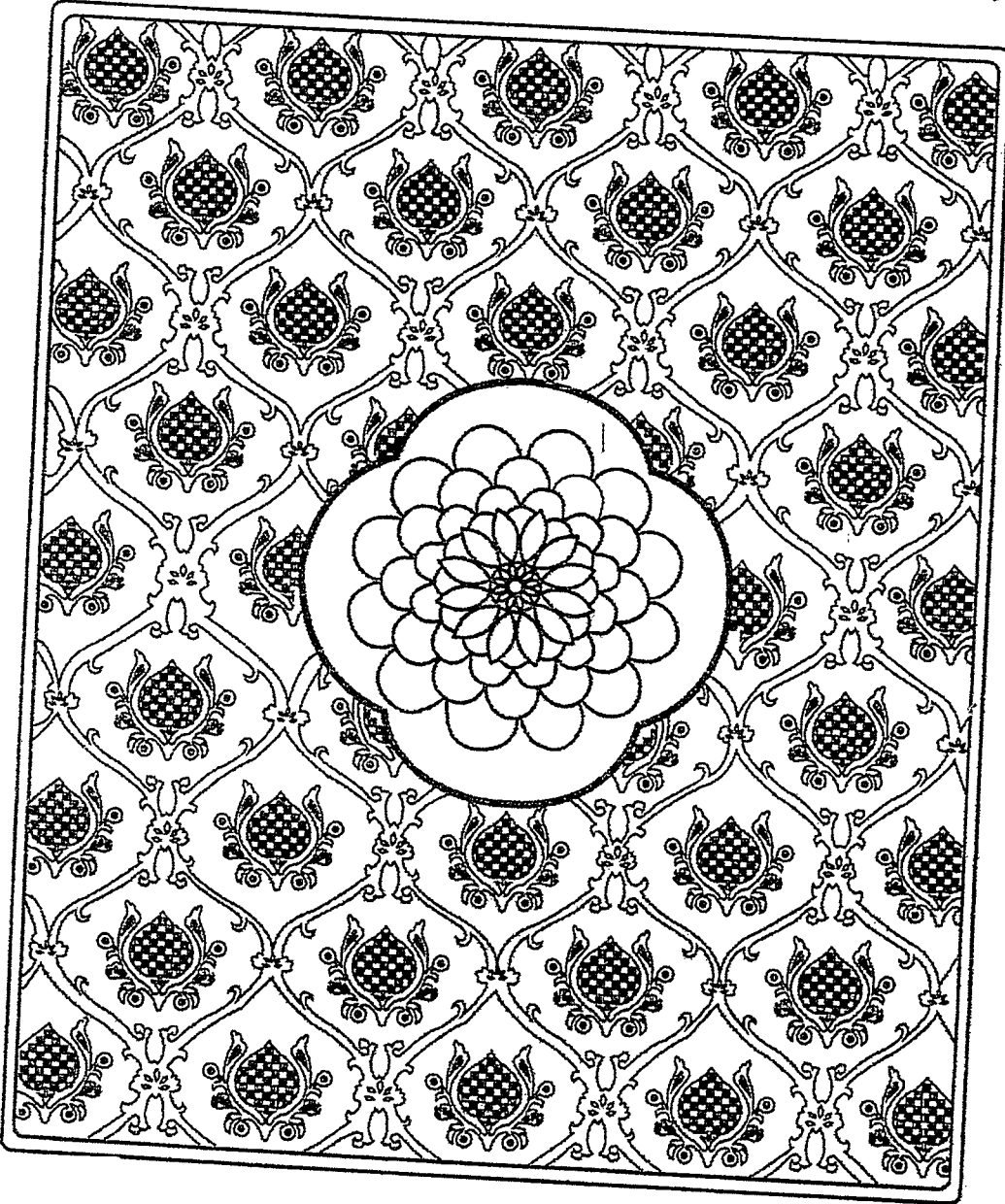


22

BLANKET OFFICERS SYNTHETIC (SINGLE)
CREAM TAN COLOUR



160±5 cm



250±5 cm

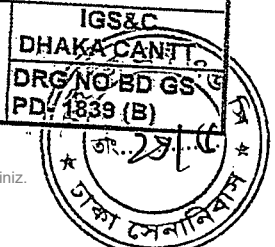
Design/Emboss Measurement

1. Emboss Length 230±5 cm
2. Emboss Width 150±5 cm

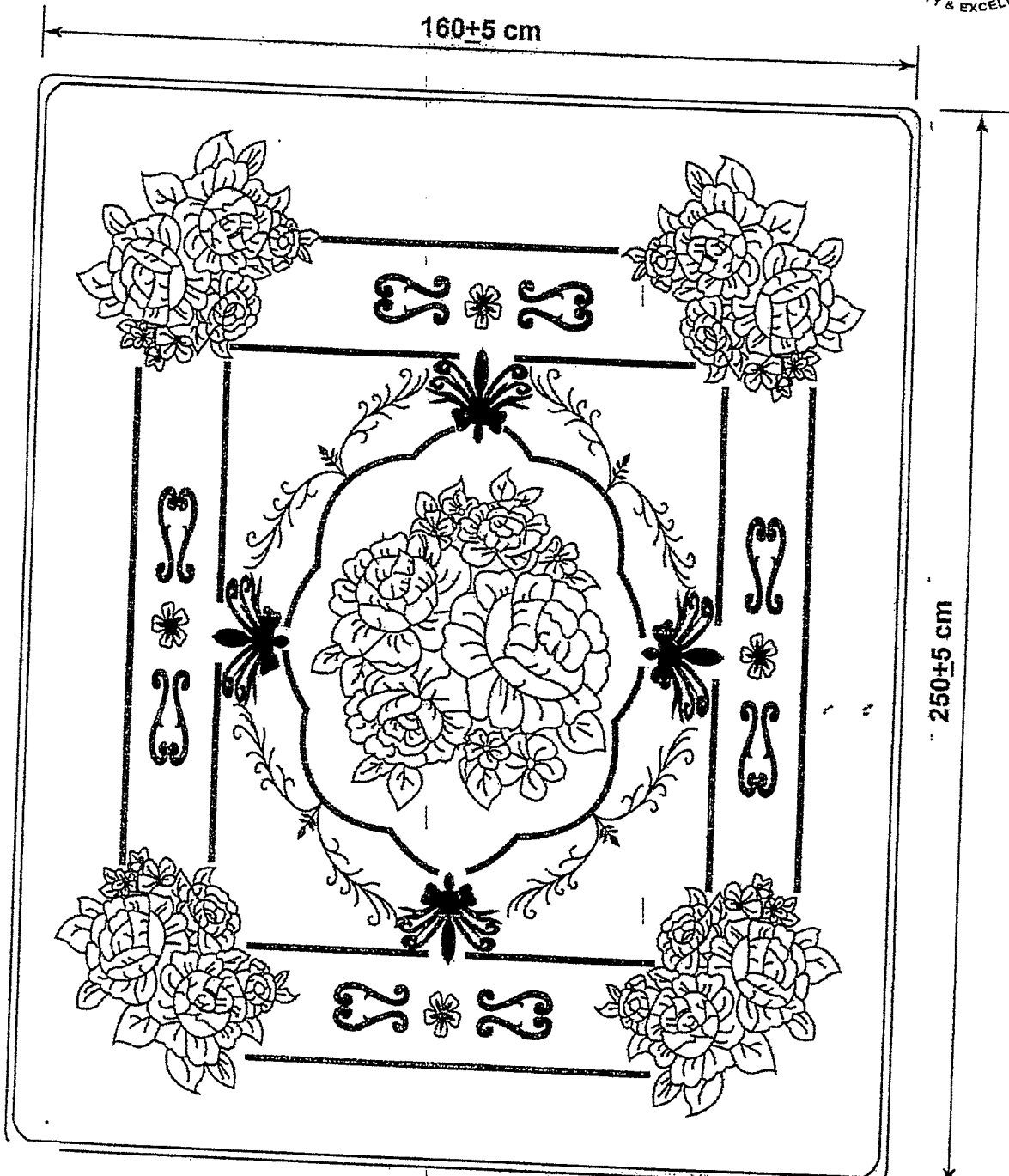
4/27/2020
APPROVED

ALL MEASUREMENTS SHOWN IN CM

DRAWN	Nadira	RECOMMENDED	TITLE: BLANKET OFFICERS SYNTHETIC (SINGLE)
COMPARED	<i>[Signature]</i>	APPROVED	
CHECKED	<i>[Signature]</i>	DATE	
PASSED	<i>[Signature]</i>	NOT TO SCALE	



BLANKET OFFICERS SYNTHETIC (SINGLE)
GREY VIOLET COLOUR



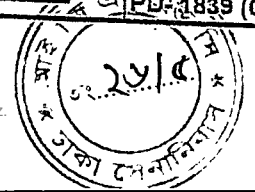
Design/Emboss Measurement
1. Emboss Length 230±5 cm
2. Emboss Width 150±5 cm

APPROVED
ITD
ALL MEASUREMENTS SHOWN IN CM

DRAWN	Nadira	RECOMMENDED	
COMPARED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>	DATE	
PASSED	<i>[Signature]</i>	NOT TO SCALE	

TITLE: **BLANKET OFFICERS SYNTHETIC (SINGLE)**

IGS&C
DHAKA CANTI
DRG NO BD GS
PDC-1839 (C)



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INSPECTORATE OF GENERAL STORES & CLOTHING
DHAKA CANTONMENT

SPECIFICATION NO: I G S & C/GS/1125 DT : 15 JAN 2020 DRG NO: BD-GS-PD-1838
(A, B & C)

VOCAB SECTION: KC

CAT/PART NO. 8327

NOMENCLATURE: BLANKET OFFICERS SYNTHETIC (DOUBLE)

(In supersession of previous specification no IGS&C/GS/783 and
Drawing no. BD-GS-PD-1539 dt 13 Aug 2015)

1. **General Description.** This vibrant embossed style blankets are characterized by their incredible softness and warmth. These should be made from high quality fine acrylic micro fiber which enables warmth even in extreme cold. These blankets are thick having higher piles which provides better cushioning effect and enhance comfort. Piles should not shed and must last for years. User should be able to machine wash the blanket number of times. The acrylic piles should provide the softness while the polyester base should keep the mink blanket away from wrinkling. They must be highly durable, eco friendly and manufactured from materials not harmful for human body.

2. **Material of Blanket.**

- a. Piles : 100% Acrylic
b. Base cloth : 100% Polyester

3. **Type of Weave**

Mink (Piles)

4. **B.S in Kg (ISO 13934-1).**

- a. Warp : 60 ± 5 Kg (Min)
b. Weft : 80 ± 5 Kg (Min)

5. **Colour Fastness.**

- a. Colour fastness to Wash: Gray scale rating 4/5
(Test-2) (ISO 105-CO2)
b. Colour fastness to Sunlight: Gray scale rating 4/5
(Machine) (ISO 105-BO2)

6. **Weight per Square Meter (GSM):** 700 gm ± 25 gm
(ISO 3801)

7. **Dry Wash** : Should not show any change in shade.

8. **Design of Blanket (Face Side):** Embossed design (As per approved sample/design held at IGS&C. Soft copy of the design (if necessary & required), will be provided by IGS&C.

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9. Colour.

- a. Beige : Pantone colour code no: 14-1118 TCX,
Pantone colour Name: Beige
- b. Cream Tan : Pantone colour code no: 12-0601 TCX,
Pantone colour Name: Eggnog
- c. Gray Violet : Pantone colour code no 16-3915 TCX,
Pantone colour Name: Alloy
- d. Fawn : Pantone colour code no 14-1107 TCX,
Pantone colour Name: Oyster Gray
- e. M Camel : Pantone colour code no 17-1128 TCX,
Pantone colour Name: Bone Brown
- f. Light Coffee : Pantone colour code no 17-1328 TCX,
Pantone colour Name: Indian Tan

(Note):

- Suppliers may choose any 03 (three) colours from the above mentioned 06 (six) colours.
- Suppliers may see the approved shade/colour swatch held at IGS&C after purchasing tender schedule from DGDP/COD.)

10. Dimensional Measurement.

Ser	Description	Measurement
a.	Length	250 cm \pm 5 cm
b.	Width	200 cm \pm 5 cm
c.	Weight of each Blanket	3500 gm \pm 100 gm
d.	Width of Hem	2.50 cm

11. Hemming. All sides of the blanket will be secured with Art silk cloth (Lady Hamilton) of the same colour, both face seamed by plain stitching with same colour thread. The corners of the blanket should be round shaped as per the approved sample, held in IGS&C, Dhaka Cantt.

12. Piles. Piles of the blanket should be uniform throughout the blanket. The piles should be so firm that it should not be pulled off with normal pull and rubbing. There should not be any missing piles.

13. Feel & Finish. Blankets must have smooth and soft finish all over the surface. Embossed design should be even throughout.

14. Country of Origin. To be mentioned by the supplier.

15. Year of Manufacture. The blankets must be manufactured after signing of contract. Manufacturer must provide a certificate in this regard.

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16. **General Instructions.**

- a. The blankets should not have any manufacturing defects, shade variation or any other flaws/defects.
- b. There should be no missing thread/piles, no porosity, thick and thin etc.
- c. No chemicals of restricted substance list should be used while manufacturing these blankets. There should not be any banned azo dyes and colorants used while manufacturing blankets. These should be free of harmful chemicals and safe for human use. Blankets must not cause any hazard for human health. Manufacturer/supplier must provide test report regarding this (e.g. **Detection of Amines, Chlorinated Phenols, Formaldehyde content etc**) as per appropriate test method (e.g. **EN 14362-1:2017, ISO 14184-1:2011**) from any internationally reputed laboratory during bulk supply.
- d. If any sample (Tender, Advance & BR) can not be tested by IGS&C then those should be tested at any internationally reputed laboratory in Bangladesh. The supplier should pay tests cost as per DP-35 sub para-12 (A & B).

17. **Quality Inspection by the Manufacturer.** The Manufacturer must provide a certificate (with each challan) that they have carried out a comprehensive quality inspection/test at their end. They also should certify about the following:

- a. The supplied products are manufactured as per specification.
- b. The supplied products are tested as per specified test methods mentioned in the specification. These tests must be conducted from any internationally reputed laboratory and submitted with every challan.

18. **Marking.** Blankets should have a label mentioning the word "SENABAHINI", Name of firm, Month and Year of manufacture of the item and another label mentioning the washing/cleaning instructions (wash label & care label). These labels should be attached by stitching at one corner of the blanket.

19. **Tender Sample.** 02 (two) nos samples of each colour should be submitted as tender sample with carrying bag.

20. **Advance Sample.** 02 (two) nos samples of each colour should be submitted as advance sample with carrying bag & packing materials at free of cost. In case of foreign supply where Pre Shipment Inspection (PSI) will be conducted then Advance sample may not be required. Instead PSI team will collect samples as per requirement (Minimum 02 (Two) samples from each colour) during PSI and bring those to Bangladesh. IGS&C will carry out necessary tests and visual inspection. Tests which cannot be conducted at IGS&C laboratory will be conducted at any internationally reputed laboratory and tests fees in this regard to be borne by the supplier as per DP-35.

21. **Bulk Representative (BR) Sample.** 02 (Two) nos sample of each colour will be collected as Bulk Representative (BR) sample from each challan. BR sample must be provided by the supplier at free of cost (i.e. in addition to the contracted quantity) for visual inspection & necessary laboratory tests. All test and all other Inspection will be carried out by Inspectorate of General Stores & Clothing (IGS&C), Dhaka Cantonment.



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22. **Warranty/Guarantee.** Warranty/guarantee certificate from the manufacturer should be provided by the supplier to the effect that the Blanket Officer supplied are brand new, complete with material and good workmanship throughout and in the event of any shortage, defects/damages being found after inspection, the defective stores should be replaced by the supplier at their own cost within 45 (Forty five) days of the case arises. The warranty/guarantee period will be 12 (Twelve) months and should be counted only after the "Inspection Note" is issued by Inspectorate of General Stores & Clothing (IGS&C).

23. **Pre-Shipment Inspection (PSI).** Necessity of PSI will be determined by AHQ, MGO Br, ITD Dte. PSI criteria will be determined by IGS&C and vetted by ITD Dte before signing of contract.

24. **Post-Shipment Inspection.** On arrival of stores in Bangladesh (consignee's end at COD or any other place decided by CI, IGS&C) Bulk Representative (BR) Sample will be drawn at random for carrying out laboratory tests. Once laboratory test is found satisfactory only then detail 100% inspection of stores will be done and final inspection note will be issued. At the time of inspection, the supplier or his local agent shall remain present. If any supplied item is found not as per contract during Post Shipment inspection, item will not be accepted. In such case, the item will be replaced by the supplier at their own cost.

25. **Inspection and Rejection.**

- 100% stores will be inspected by IGS&C to ascertain correctness of stores as per contract and specification.
- All blankets supplied shall comply with the terms of this specification and shall in all respects satisfy the inspectorate.
- If on examination, 20% of any delivery/challan including packing material is found not in accordance to this specification in respect of design, dimensions, workmanship and finishing the whole consignment may be rejected.
- The consignment may be accepted/rejected fully/partially.
- Inspector is the authority in all matters pertaining to inspection.
- Each accepted blanket shall be clearly marked with Inspector's acceptance mark.
- Each rejected blanket shall be clearly marked with rejection mark as per DP 35.
- Supplier must be ready to arrange 100% inspection at IGS&C premises or any other place selected by CI, IGS&C.
- Rejected stores will be replaced by the supplier at free of cost within forty five (45) days of signing of Inspection Note by CI, IGS&C.

26. **Shipment.**

- Stores must be shipped from the country of manufacture.
- Transshipment is not allowed.
- No stores will be shipped (in case of foreign supply) without the clearance of appropriate authority.
- All stores must be supplied within the stipulated delivery schedule.

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27 **Packing.** Each blanket should be packed in a good quality plastic carrying bag (As per the sample held in IGS&C, Dhaka Cantt) with 4 (Four) naphthalene balls (Large size) inside. Such 06 (Six) nos of blankets will be well packed in a proper size corrugated paper carton of 09 (Nine) plies with securing 02 poly band strap.

28. **Carrying bag for Blanket (Double)**

Ser	Description	
a.	Material	: Transparent plastic
b.	Thickness of plastic	: 1.5 mm
c.	Size of bag (LxHxW)	: Appropriate size
d.	Size of handle (LxCr)	: As appropriate
e.	Distance of joint of handle from top	: 03 cm
f.	Distance between two joint portion of handle	: 15 cm
g.	Dia of GI wire used in the hem both side of bag	: 02 mm
h.	Length of chain	: As appropriate
j.	Colour of chain	: Any colour (Nylon)

Note: Top and bottom side of the carrying bag to be printed with following information:

- BANGLADESH SENABAHINI.
- Name of Blanket.
- Size of Blanket.
- Net weight of Blanket.

29. **Marking on the Carton:**

One Side :

BANGLADESH SENABAHINI.

Nomenclature of store.

Qty packed & Package number

Colour of Blanket.

Contract no. & date.

Firm's Name & address.

Another Side :

Consignee's name and address.

Recommended By

MUHAMMAD HUMAYUN KABIR
Col
Chief Inspector

APPROVED
ITD
20/7/2020

Approved by

Director, ITD Dte

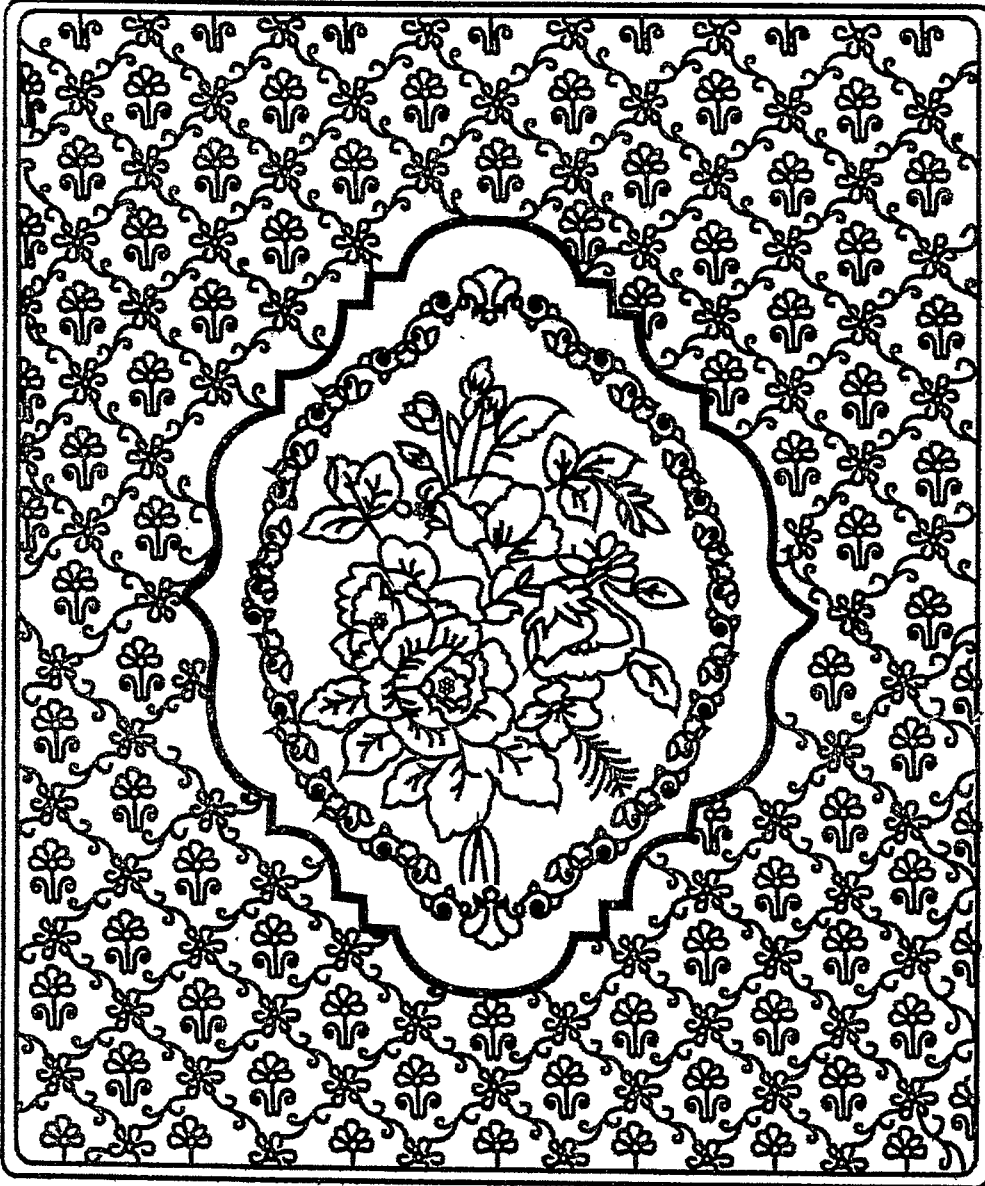
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BLANKET OFFICERS SYNTHETIC (DOUBLE)
BEIGE COLOUR



200±5 cm



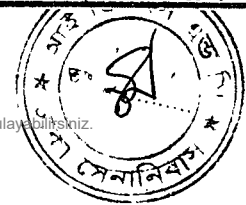
250±5 cm

Design/Emboss Measurement

1. Emboss Length 230±5 cm
2. Emboss Width 190±5 cm

ALL MEASUREMENTS SHOWN IN CM

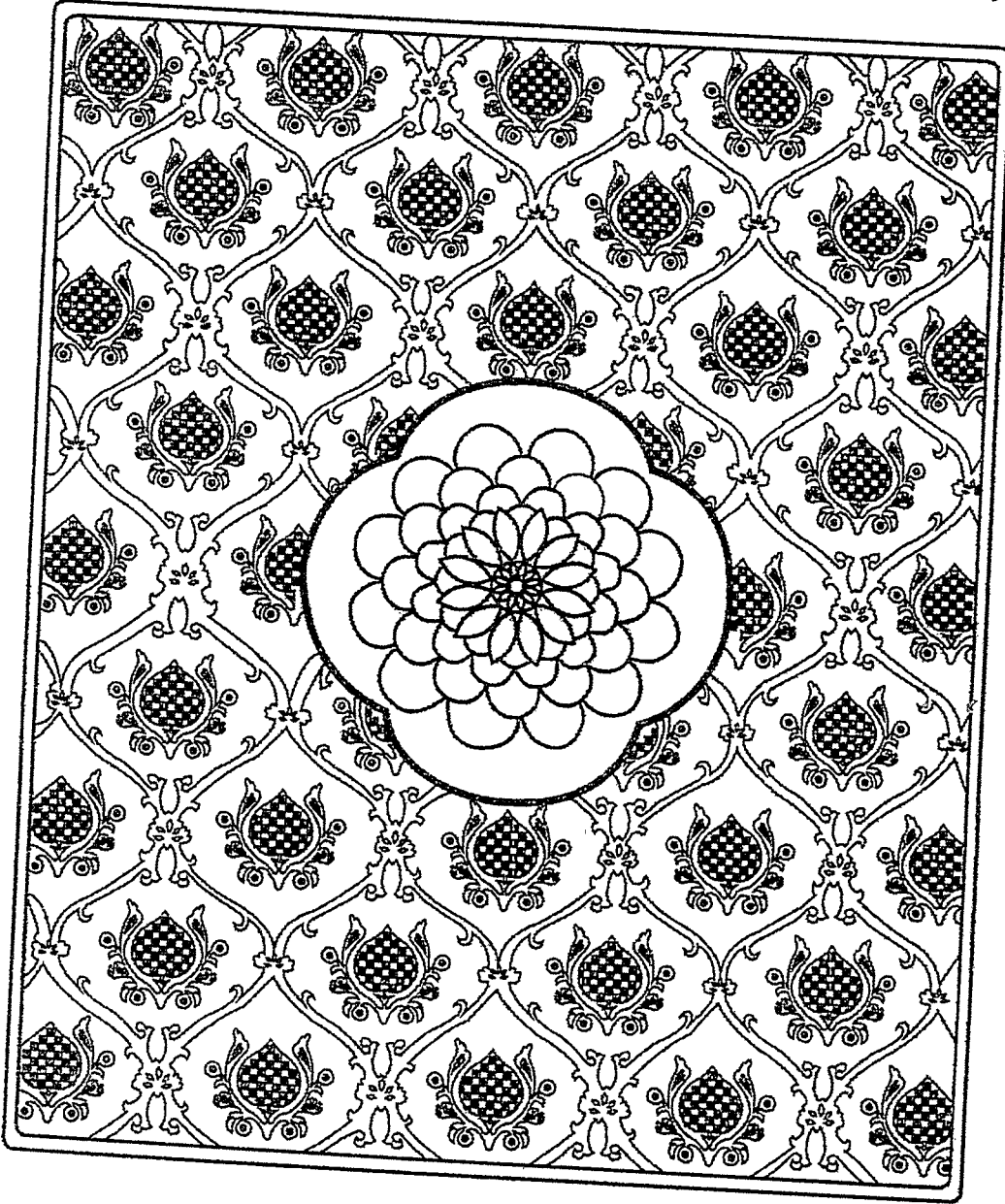
DRAWN	Nadira	RECOMMENDED	TITLE: BLANKET OFFICERS SYNTHETIC (DOUBLE)	IGS&C
COMPARED	<i>[Signature]</i>	APPROVED		DHAKA CANTT
CHECKED	<i>[Signature]</i>	DATE		DRG NO BD GS
PASSED	<i>[Signature]</i>	NOT TO SCALE		PD-1838-(A)



BLANKET OFFICERS SYNTHETIC (DOUBLE)
CREAM TAN COLOUR



200±5 cm

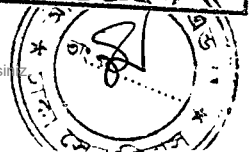


250±5 cm

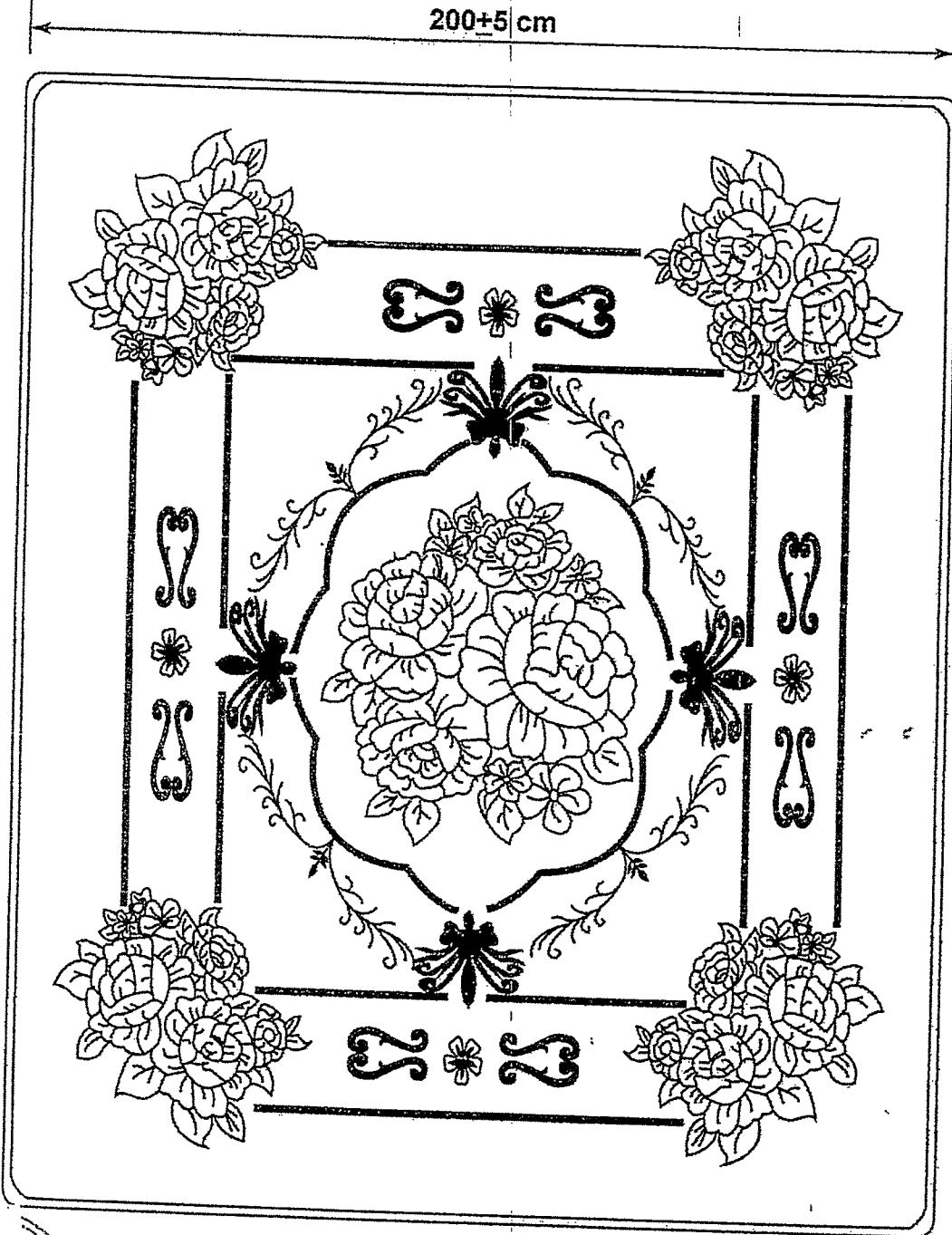
- Design/Emboss Measurement**
1. Emboss Length 230±5 cm
 2. Emboss Width 190±5 cm

APPROVED
DATE: 12/11/2020
ALL MEASUREMENTS SHOWN IN CM

DRAWN	Madina	RECOMMENDED	NOT TO SCALE	TITLE: BLANKET OFFICERS SYNTHETIC (DOUBLE)	IGS&C DHAKA CANTT DRG-NO-BB-GS FD-1833 (B)
COMPARED		APPROVED			
CHECKED		DATE			
PASSED					



**BLANKET OFFICERS SYNTHETIC (DOUBLE)
GREY VIOLET COLOUR**



Design/Emboss Measurement
 1. Emboss Length 230±5 cm
 2. Emboss Width 190±5 cm

4/29/2020
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 LTD.

ALL MEASUREMENTS SHOWN IN CM

DRAWN	Madira	RECOMMENDED	
COMPARED	Adon	APPROVED	
CHECKED	Adon	DATE	
PASSED	Joz	NOT TO SCALE	

TITLE: **BLANKET OFFICERS
SYNTHETIC (DOUBLE)**

IGS&C
DHAKA CANTT
DRG-NO BD-35
PD-1838(C)

