

MIL-B-593G

~~15 June 1984~~

SUPERSEDING

MIL-B-593F

29 September 1977

## MILITARY SPECIFICATION

## BRAID, TEXTILE (FLAT)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

## 1. SCOPE

1.1 Scope. This document covers the requirements for flat braid to be used on military uniforms and caps.

\* 1.2 Classification. The braid shall be of the following types, classes, and widths as specified (see 6.2):

- Type I - Mohair Outer Covering
  - Class 1 - 3/3 plain stitch (Hercules)  
Widths: 3/4, 1, 1-3/4, 2, and 2-1/2 inches
  - Class 3 - 2/2 plain stitch  
Widths: 1/2, 3/4, 1, 1-1/2, and 1-3/4 inches
- Type II - Nylon and Mohair Outer Covering
  - Class 1 - 2/2 plain stitch  
Widths: 1/4, 1/2, 1-1/2, and 2 inches

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: U.S. Army Natick Research and Development Center, Natick, MA 01760 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

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- Type III - Cotton
- Class 1 - Skipweave  
    Width: 1-3/4 inches
- Class 2 - 2/2 plain stitch  
    Widths: 1/2, 3/4, 1, 1-1/2 and 2-1/4 inches
  
- Type IV - Cotton and Nylon Outer Covering
- Class 1 - 2/2 plain stitch  
    Width: 1-1/2 inches

2. APPLICABLE DOCUMENTS

- \* 2.1 Government documents. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

SPECIFICATION

FEDERAL

- PPP-B-636 - Boxes, Shipping, Fiberboard

STANDARDS

FEDERAL

- FED-STD-191 - Textile Test Methods

MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection  
by Attributes
- MIL-STD-129 - Marking for Shipment and Storage
- MIL-STD-147 - Palletized Unit Loads

(Copies of documents required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

OTHER GOVERNMENT DOCUMENTS

Laws and Regulations

Rules and Regulations Under the Textile Fiber Products Identification Act

(Copies may be obtained without charge from the Federal Trade Commission, Washington, DC 20580.)

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- \* 2.2 Other publications. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

Chromatic Transference Scale

(Application for copies should be addressed to the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, NC 27709.)

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

D 3951 - Standard Practice for Commercial Packaging

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

(Technical society and technical association documents are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

- \* 2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document shall take precedence.

3. REQUIREMENTS

3.1 Samples.

3.1.1 Guide sample. Samples, when furnished, are solely for guidance and information to the contractor (see 6.3). Variations from this document may appear in the sample, in which case this document shall govern.

3.1.2 Standard sample. The finished braid shall match the standard sample for shade and appearance and shall be equal to or better than the standard sample with respect to all characteristics for which the standard sample is referenced (see 6.3).

3.2 Materials (see 6.4).

3.2.1 Mohair yarn. The mohair used shall be not lower in grade than 28's, and shall be carded, combed and spun on the worsted system, and twisted into a 2/28 ( $\pm$  1 count) yarn.

3.2.2 Nylon yarn. The yarn shall be a continuous-filament, 210 denier (23 tex), 34 filament, nylon yarn.

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3.2.3 Cotton yarn. The yarn for all types shall be combed, mercerized cotton yarn in the following sizes:

## Type I

Class 1            40/2 (+ 1 count)  
Class 3            40/2 (+ 1 count) or 20/2 (+ 1 count)

## Type II

Class 1            40/2 (+ 1 count)

## Type III

Class 1            40/2 (+ 1 count)  
Class 2            30/2 (+ 1 count)

## Type IV

Class 1            20/2 (+ 1 count)

3.3 Color. The color of the finished braid shall be as specified (see 6.2), except for type III, class 2 and type IV, class 1, the color shall be Black/Blue 3362. The use of sulfur dyes and dyes containing elementary sulfur or compounds capable of oxidation to sulfuric acid is prohibited. The dyed braid shall show no more labile sulfur than that shown by the standard sample when tested as specified in 4.2.3. When no standard sample is available, the finished braid shall show no more than a trace of labile sulfur.

\* 3.3.1 Matching. The color of the dyed and finished braid shall match the standard sample under artificial daylight having a color temperature of 7000 ± 500 K and shall be a good approximation to the standard sample under incandescent lamplight at 2850 ± 100 K.

\* 3.3.2 Colorfastness. The dyed material shall show fastness to perspiration (types III and IV only), wet drycleaning, crocking and light equal to or better than the standard sample when tested as specified in 4.2.3. When no standard sample is available, the dyed material shall show "good" fastness to perspiration (types III and IV only), wet drycleaning and light, and have an AATCC Chromatic Transference Scale rating for crocking not lower than 2.5 when tested as specified in 4.2.3.

3.4 Construction. The braid shall be made so as to conform to the requirements listed in table I. Type I braid shall be made with a cotton warp with a mohair outer covering. Type II braid shall be made with a cotton warp with a nylon-mohair outer covering. Type III braid shall be made with cotton yarn. Type IV braid shall be made from a combination of cotton and nylon.

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\*TABLE I. Physical requirements

Type Class	Width inches (min.)	Oz/per 144 yards (min.)	Lines	Number of carriers	Ends per carrier	Total warp ends cotton	Picks per inch (min.)	Breaking force pounds (min.)	Braiding type
I	3/4	45	8	49	2	16 spools of 3 ends per spool	26	110	3/3 Hercules
I	1	62	12	73	2	24 spools of 3 ends per spool	26	170	3/3 Hercules
I	1-3/4	100	22	133	2	44 spools of 2 ends per spool	26	220	3/3 Hercules
I	2	110	24	145	2	48 spools of 2 ends per spool	24	300	3/3 Hercules
I	2-1/2	166	24	145	3	48 spools of 3 ends per spool	19	360	3/3 Hercules
I	1/2	24	6	25	2	12 spools of 2 ends of 20/2 or 4 ends of 40/2 per spool	21	50	2/2 plain
I	3/4	34	8	33	2	16 spools of 2 ends of 20/2 or 4 ends of 40/2 per spool	21	65	2/2 plain
*I	1	58	12	49	2	24 spools of 2 ends of 20/2 or 4 ends of 40/2 per spool	19	95	2/2 plain

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\*TABLE I. Physical requirements (cont'd)

Type Class	Width inches (min.)	Oz/per 144 yards (min.)	Lines	Number of car-riers	Ends per car-rier 1/	Total warp ends cotton	Picks per inch (min.)	Breaking force pounds (min.)	Braiding type	
I	3	1-1/2	68	16	65	2	32 spools of 2 ends of 20/2 or 4 ends of 40/2 per spool	21	130	2/2 plain
I	3	1-3/4	90	16	65	2	32 spools of 4 ends per spool	18	170	2/2 plain
II	1	1/4	12	3	13	2	6 spools of 6 ends per spool	23	40	2/2 plain
II	1	1/2	25	6	25	2	12 spools of 6 ends per spool	22	80	2/2 plain
II	1	1-1/2	68	16	65	2	32 spools of 6 ends per spool	22	210	2/2 plain
II	1	2	85	20	81	2	40 spools of 6 ends per spool	22	265	2/2 plain
III	1	1-3/4	3/ -	-	64 2/	8	23 spools of 6 ends per spool	10	-	braid 2, skip 2 (skipweave)

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\*TABLE I. Physical requirements (cont'd)

Type Class	Width inches	Oz/per 144 yards (min.)	Lines	Number of carriers	Ends per carrier	Total warp ends cotton	Picks per inch (min.)	Breaking force pounds (min.)	Braiding type
III 2	1/2	25	6	25	3	12 spools of 4 ends per spool	20	60	2/2 plain
III 2	3/4	40	10	41	3	20 spools of 4 ends per spool	20	115	2/2 plain
III 2	1	48	12	49	3	24 spools of 4 ends per spool	20	150	2/2 plain
III 2	1-1/2	72	16	65	3	32 spools of 4 ends per spool	21	160	2/2 plain
III 2	2-1/4	100	20	81	4	40 spools of 4 ends per spool	17	200	2/2 plain
IV 1	1-1/2	72	16	65	2 4/	32 spools of 3 ends per spool (20/2 combed mercerized cotton)	21	-	2/2 plain

1/ Type I - Ends per carrier as listed are all 2/28s mohair yarn.

Type II - 1 end of 2/28s mohair yarn.

- 1 end of 2/10 denier nylon (not twisted).

2/ Carriers braiding in pairs.

3/ This is a required width with + 1/16 inch tolerance

4/ 1 end of 210/1/34 nylon.

1 end of 20/2 combed mercerized cotton.

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3.4.1 Finish. The finished braid shall be singed. As an alternate, the yarn to be used to form the outer covering may be singed prior to braiding.

3.5 Shrinkage. Type I, class 3 and type III, class 2 braids shall not shrink more than 2.0 percent in length when tested as specified in 4.2.3. The width of the braid, after being subjected to the shrinkage test, shall measure not less than the minimum width specified in 3.4.

\* 3.6 Put-up and length. The 1/4-inch and 1/2-inch width braid shall be put-up on chipboard spools containing 144  $\pm$  10 yards each. The 3/4-inch to 2-1/2 inch width braid shall be put-up on single-width chipboard reels, containing 72  $\pm$  5 yards each. There shall be not more than four lengths per spool for 144-yard spools and not more than three lengths per reel for 72-yard reels, and no one length shall be less than 5 yards. The end of the braid shall be fastened to prevent unwinding.

3.7 Fiber identification. The braid shall be labeled or ticketed for fiber content in accordance with the Textile Fiber Products Identification Act (see 2.1).

3.8 Marking. Each spool or reel shall have a white paper label with the following information printed in black:

Braid, Textile, (Flat)

Color . . . . . Width . . . . . Type . . . . . Class  
 Name of contractor  
 Number and date of contract  
 Document number  
 Stock number  
 Name of contracting agency  
 Total yards

The marking shall include the information required by the applicable products labeling act.

3.9 Workmanship. The finished braid shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the applicable acceptable quality levels.

#### 4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other



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facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the document where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.1.1 Certificate of compliance. Where certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

4.2 Quality conformance inspection. Unless otherwise specified, sampling for inspection shall be performed in accordance with MIL-STD-105.

\* 4.2.1 Component and material inspection. In accordance with 4.1, components and materials shall be inspected in accordance with all the requirements of referenced documents unless otherwise excluded, amended, modified, or qualified in this document or applicable purchase document.

\* 4.2.1.1 Certification. Components listed below shall be accepted on the basis of a contractor's certificate of compliance with the indicated requirements.

<u>Component</u>	<u>Requirement paragraph</u>
Mohair yarn	3.2.1
Nylon yarn	3.2.2
Cotton yarn	3.2.3

\* 4.2.2 End item examination.

\* 4.2.2.1 Yard-by-yard examination. The braid shall be examined at normal inspection distance (3 feet) for the defects listed in table II. All defects found shall be counted regardless of their proximity to each other, except where two or more defects represent a single local condition, in which case only the more serious defect shall be counted. A continuous defect shall be counted as one defect for each warpwise yard or fraction thereof in which it occurs. The lot size shall be expressed in yards. The sample unit shall be 1 yard of braid. The inspection level shall be II and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 1.0 for major defects and 4.0 for total (major and minor combined) defects. The number of reels or spools from which the sample is to be selected shall be in accordance with table III. The sample yardage shall be apportioned equally among the selected reels or spools.

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TABLE II. End item visual defects

Defect	Classification	
	Major	Minor
Missing or broken yarn	X	
Hole, cut, or tear	X	
Knot		X
Abrasion mark		X
Coarse or fine yarn		X
Slub		X
Spot or stain		X
Braiding loose or tight		X
Wavy outer edges (warp direction)	X	
Width $1/2$ inch:		
$1/2$ inch:		
Up to and including $1/16$ inch less than minimum specified		X
More than $1/16$ inch less than minimum specified	X	
$3/4$ inch up to and including 2 inches, (except type III, class 1, $1-3/4$ inch):		
Up to and including $1/8$ inch less than minimum specified		X
More than $1/8$ inch less than minimum specified	X	
Type III, class 1, $1-3/4$ inch:		
Exceeding tolerance limits	X	
2- $1/2$ inches:		
Up to and including $3/16$ inch less than minimum specified		X
More than $3/16$ inch less than minimum specified	X	

1/ A scale graduated in  $1/32$  of an inch shall be used. The average of five readings shall constitute one determination.

4.2.2.2 Overall examination. The braid shall be examined for defects listed below. The sample shall consist of the applicable number of reels or spools indicated in table III. The lot shall be rejected if the total number of defects in the sample exceeds the maximum number specified in table III.

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Defect

Not clean throughout.

Objectionable odor.

Identification marking missing, illegible, or incorrect.

Not ticketed or labeled in accordance with the Textile Fiber Products Identification Act.

Improperly or insecurely wound on spools, tangled and does not unwind properly.

Not singed.

\*TABLE III. Sample size and acceptance criteria

Lot size (yards)	Sample size in reels or spools	Maximum number <u>2/</u>
Up to 1,300 inclusive <u>1/</u>	3	0
1,301 up to and including 3,200	5	0
3,201 up to and including 8,000	7	0
8,001 up to and including 22,000	10	0
22,001 up to and including 110,000	15	1
110,001 or over	25	1

1/ If a lot contains fewer than three reels or spools, each reel or spool in the lot shall be examined.

2/ Applicable only to overall examination (see 4.2.2.2).

\* 4.2.2.3 Length examination. The braid shall be examined for defects listed below. The sample shall consist of the applicable number of reels or spools indicated in table III. The presence of any defect shall be cause for rejection of the lot.

Any total length on a reel or spool is more than the maximum specified or less than the minimum specified.

Any total length on a reel or spool is more than 2 yards less than the total length marked on the reel or spool ticket.

Any spool containing more than four individual pieces (lengths).

Any reel containing more than three individual pieces (lengths).

Any individual length less than 5 yards.

Total length of all lengths in the sample is less than the total of the lengths marked on the reel or spool tickets.

\* 4.2.2.4 Shade and appearance examination. The braid shall be examined for defects listed below. The sample unit shall consist of the applicable number of reels or spools indicated in table III. The presence of any defect shall be cause for rejection of the lot.

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Defects

Shaded end to end

Does not match standard sample for shade and appearance

Mottled or uneven color

- \* 4.2.3 End item testing. The end item shall be tested as indicated in table IV. The methods of testing specified in FED-STD-191 wherever applicable and as listed in table IV shall be followed. The physical and chemical values specified in section 3 apply to the average of the determinations made on a sample unit for test purposes as specified in the applicable test methods except for the weight characteristic for which the lot average of all sample units shall apply. All test reports shall contain the individual values used in expressing the final result. The sample unit shall be 6 yards of the braid. The lot shall be unacceptable if one or more sample units fail to meet any requirement specified except that for weight. For weight, the lot shall be unacceptable if the average of all sample units fails to meet the specified requirement. The sample size shall be in accordance with the following:

<u>Lot size (yards)</u>	<u>Sample size (number of sample units)</u>
800 or less	2
801 up to and including 22,000	3
22,001 and over	5

\*TABLE IV. End item tests

<u>Characteristic</u>	<u>Requirement paragraph</u>	<u>Test method</u>
Yarn ply	3.2	Visual
Labile sulfur	3.3	2020 <u>1/</u>
Colorfastness to:		
Perspiration (types III and IV only )	3.3.2	5680
Wet drycleaning	3.3.2	5622
Crocking	3.3.2	5651
Light	3.3.2	5660
Weight (conditioned)	3.4	4.2.3.1
Lines	3.4	Visual <u>2/</u>
Number of carriers	3.4	Visual <u>2/</u>
Ends per carrier	3.4	Visual <u>2/</u>
Total warp ends	3.4	Visual <u>2/</u>
Picks per inch	3.4	Visual <u>3/</u>
Breaking strength	3.4	5100 <u>4/</u>
Braiding type	3.4	Visual <u>5/</u>

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\*TABLE IV. End item tests (cont'd)

Characteristic	Requirement paragraph	Test method
Shrinkage, length	3.5	5558 <u>6/</u>
Shrinkage, width	3.5	5558 <u>6/</u>

- 1/ Contractor's certificate of compliance will be acceptable for this characteristic.
- 2/ One determination per sample unit and the results reported as "actual count".
- 3/ Three determinations per sample unit and the results reported as the average of three determinations to the nearest whole number.
- 4/ Breaking strength shall be determined on the full width of the braid and the jaw dimensions shall be greater than the width of the braid.
- 5/ One determination per sample unit and the results reported as "pass" or "fail".
- 6/ Except that the width of the test specimen shall be the full width of finished braid.
- \* 4.2.3.1 Weight. Two specimens in excess of 1 yard each shall be selected from each sample unit. The specimens of braid in the relaxed state shall then be measured and cut to exactly 1 yard each. While in a standard condition as defined in section 4 of FED-STD-191, each specimen shall be weighed on a balance or scale accurate to 0.01 ounce. The weight of all specimens in ounces shall be averaged and this average value multiplied by 144 to determine ounces per gross yards. The results shall be reported to the nearest 0.5 ounces per 144 yards.
- \* 4.2.4 Packaging inspection. An examination shall be made to determine that preservation, packing, and marking comply with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully packaged. The lot size shall be the number of shipping containers in the inspection lot. The inspection level shall be S-2 and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

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<u>Examine</u>	<u>Defect</u>
Marking (exterior and interior)	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.
Materials	Any component missing, damaged, or not as specified.
Workmanship	Inadequate application of components, such as incomplete closure of container flaps, improper taping, loose strapping, inadequate stapling. Bulged or distorted container.
Weight	Weight of contents of each container exceeds requirements.

\* 4.2.5 Palletization examination. An examination shall be made to determine that the palletization complies with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one palletized unit load fully packaged. The lot size shall be the number of palletized unit loads in the inspection lot. The inspection level shall be S-1 and the AQL, expressed in terms of defects per hundred units, shall be 6.5.

<u>Examine</u>	<u>Defect</u>
Finished dimensions	Length, width, or height exceeds specified maximum requirements.
Palletization	Pallet pattern not as specified. Interlocking of loads not as specified. Load not bonded with required straps as specified.
Weight	Exceeds maximum load limits.
Marking	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.

## 5. PACKAGING

5.1 Preservation. Preservation shall be level A or Commercial as specified (see 6.2).

5.1.1 Level A. Each spool or reel of braid shall be wrapped with transparent plastic film or bleached sulphite paper. The wrap shall be secured with gummed or pressure-sensitive tape.

5.1.2 Commercial. Braid shall be preserved in accordance with ASTM D 3951.

5.2 Packing. Packing shall be level A, B, or Commercial as specified (see 6.2).

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5.2.1 Level A packing. Spools or reels of braid of one type, class, width, and color only, preserved as specified in 5.1, shall be compactly packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, grade V2s of PPP-B-636. The inside of each container shall be fitted with a box liner conforming to type CF, class weather-resistant, variety DW, grade V15c of PPP-B-636. Each shipping container shall be closed in accordance with method III, waterproofed in accordance with method V, and reinforced in accordance with the appendix of PPP-B-636 except that the inspection shall be in accordance with 4.2.4. The weight of contents of each shipping container shall not exceed 65 pounds.

5.2.2 Level B packing. Spools or reels of braid of one type, class, width and color only, preserved as specified in 5.1, shall be compactly packed in a snug-fitting fiberboard shipping container conforming to style RSC-L, type CF (variety SW) or SF, class domestic, grade 275 of PPP-B-636. The inside of each fiberboard container shall be fitted with a box liner conforming to type CF, class domestic, variety DW, grade 275 of PPP-B-636. Each shipping container shall be closed in accordance with method II as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.2.4. The weight of contents of each shipping container shall not exceed 65 pounds.

5.2.2.1 Weather-resistant fiberboard container. When specified (see 6.2), the shipping container shall be a grade V3c, V3s or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with method III as specified in the appendix of the container document, except that the inspection shall be in accordance with 4.2.4.

\* 5.2.3 Commercial packing. Braid, preserved as specified in 5.1, shall be packed in accordance with ASTM D 3951.

\* 5.3 Palletization. When specified (see 6.2), braid, packed as specified in 5.2, shall be palletized on a 4-way entry pallet in accordance with the load type Ia of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with the bonding means K and L or film bonding means O or P. Pallet patterns shall be in accordance with the appendix of MIL-STD-147. Interlocking of loads shall be effected by reversing the pattern of each course. If the container is of a size which does not conform to any of the patterns specified in MIL-STD-147, the pallet pattern used shall first be approved by the contracting officer.

\* Marking. In addition to any special marking required by the contract or purchase order, unit packs, shipping containers, and palletized unit loads shall be marked in accordance with MIL-STD-129 or ASTM D 3951, as applicable.

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## 6. NOTES

- \* 6.1 Intended use. The braid is used as ornamentation on military uniforms and caps as follows:

## Navy:

Sleeve braid	1/4 inch, 1/2 inch and 2 inch
Boat cloaks	1 inch and 2-1/2 inch

## Army:

Sleeve braid	3/4 inch and 1-1/2 inch
Trouser braid	1/2 inch and 1-1/2 inch
Slack braid	1 inch
Cap braid, skipweave	1-3/4 inch
USMA uniform	1 inch and 2 inch

## Air Force:

Cap braid (type I, class 3)	1-3/4 inch
Sleeve braid (type I, class 3)	1/2 inch and 3/4 inch

## Marine Corps:

Boat cloaks	1/2 inch
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- \* 6.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this document.
- b. Type, class, and width required (see 1.2).
- c. Color required (see 3.3).
- d. Selection of applicable levels of preservation and packing (see 5.1 and 5.2).
- e. When weather-resistant grade fiberboard shipping containers are required for level B packing (see 5.2.2.1).
- f. When palletization is required (see 5.3).

6.3 Samples. For access to standard samples, address the contracting activity issuing the invitation for bids (see 3.1.2).

6.4 Recycled material. It is encouraged that recycled material be used when practical as long as it meets the requirements of the document (see 3.2).



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6.5 Changes from previous issue. The margins of this document are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

## Custodians:

Army - GL  
Navy - NU  
Air Force - 11

## Preparing activity:

Army - GL  
Project No. 8315-0272

## Review activities:

Army - MD  
Air Force - 82, 99  
DLA - CT

## User activities:

Navy - MC  
Air Force 45

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER MIL-B-593G		2. DOCUMENT TITLE Braid, Textile (Flat)	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
b. ADDRESS (Street, City, State, ZIP Code)		<input type="checkbox"/> VENDOR	
		<input type="checkbox"/> USER	
		<input type="checkbox"/> MANUFACTURER	
		<input type="checkbox"/> OTHER (Specify): _____	
5. PROBLEM AREAS			
a. Paragraph Number and Wording:			
b. Recommended Wording:			
c. Reason/Rationale for Recommendation:			
6. REMARKS			
7a. NAME OF SUBMITTER (Last, First, MI) - Optional		b. WORK TELEPHONE NUMBER (Include Area Code) - Optional	
c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional		8. DATE OF SUBMISSION (YYMMDD)	