

SS-C-466e

July 2, 1964

SUPERSEDING

Int. Fed. Spec. SS-C-80466d (Navy-Ships)

June 19, 1963 and

Fed. Spec. SS-C-466c

April 11, 1962

FEDERAL SPECIFICATION

CLOTH, THREAD, AND TAPE; ASBESTOS

This specification was approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers asbestos cloth, thread, and tape for use as a lagging material or jacket over thermal insulation and as a wrapping on engine exhaust pipes.

1.2 Classification.

1.2.1 *Forms, grades, and styles.* Asbestos cloth, thread, and tape shall be of the following forms, grades, and styles, as specified (see 6.2).

Form I—Cloth.

Grade U.G.—80 percent asbestos, blue stripe.

Style 1—Plain weave, regular weight.

Style 2—Plain weave, light weight.

Style 3—Plain weave, special weight, No. 1 construction.

Style 4—Plain weave, special weight, No. 2 construction.

Style 5—Plain weave, combination asbestos and glass, (asbestos yarn and glass filament yarn plied together), No. 3 construction.

Style 6—Plain weave, combination asbestos and glass, (asbestos yarn and glass filament yarn plied together), No. 4 construction.

Grade AA—90 percent asbestos, red stripe.

Style 1—Plain weave, regular weight.

Grade AAA—9 percent asbestos, green stripe.

Style 1—Plain weave, regular weight.

Style 2—Plain weave, light weight.

Grade AAA-M—95 percent asbestos, plain weave, wire insertion, no stripe.

Style 7—Weight per square yard 2.60 (nominal).

Style 8—Weight per square yard 2.75 (nominal).

Style 9—Weight per square yard 3.50 (nominal).

Form II—Thread, sewing, reinforced with wire.

Form III—Thread, sewing, without wire.

Form IV—Tape.

Grade U.G.—80 percent asbestos.

Style 1—Plain weave.

1.2.2 *Sizes.* The asbestos cloth, thread, and tape shall be furnished in the sizes specified (6.2 and 6.3).

2. APPLICABLE SPECIFICATIONS, STANDARDS, AND OTHER PUBLICATIONS

2.1 Specification and standards. The following specifications and standards, of the issues in effect on date of invitation for bid or request for proposal, form a part of this specification to the extent specified herein.

Federal Specifications:

UU-P-268—Paper, Kraft, Untreated, Wrapping.

FSC 5846

SS-C-466e

CCC-T-191—Textile Test Methods.
 PPP-B-576—Box, Wood, Cleated, Veneer, Paper Overlaid.
 PPP-B-585—Boxes, Wood, Wirebound.
 PPP-B-591—Boxes, Fiberboard, Wood-Cleated.
 PPP-B-601—Boxes, Wood, Cleated-Plywood.
 PPP-B-621—Boxes, Wood, Nailed and Lock-Corner
 PPP-B-636—Box, Fiberboard.
 PPP-B-640—Boxes, Corrugated, Triple Wall, 350 Pounds Maximum Weight.

Federal Standards:

Fed. Std. No. 102—Preservation, Packaging, and Packing Levels.
 Fed. Std. No. 123—Marking for Domestic Shipment (Civilian Agencies).

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402.

(Single copies of this specification and other product specifications required by activities outside the Federal Government for bidding purposes are available without charge at the General Services Administration Regional Offices in Boston, New York, Washington, D. C., Atlanta, Chicago, Kansas City, Mo., Dallas, Denver, San Francisco, Los Angeles, and Seattle, Wash.

(Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal Specifications and Standards from established distribution points in their agencies.)

Military Specification:

MIL-L-10547—Liners, Case, and Sheet, Overwrap; Water-Vaporproof or Waterproof, Flexible.

Military Standards:

MIL-STD-105 — Sampling Procedures and Tables for Inspection by Attributes.

MIL-STD-129—Marking for Shipment and Storage.

(Copies of Military Specifications and Standards required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 Other publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issues in effect on date of invitation for bids or request for proposal shall apply.

American Society For Testing And Materials Designation:

D 1918—Asbestos Content of Asbestos Textiles, Method of Test for.

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

3. REQUIREMENTS

3.1 Material. Asbestos cloth, thread, and tape shall be made of good-quality chrysotile asbestos and organic fiber.

3.2 Hygroscopic moisture. Hygroscopic moisture shall not exceed 5 percent (see 4.4.1.1 and 4.4.3.1).

3.3 Form I, cloth.

3.3.1 Fabrication. Cloth shall be woven with single or plied yarns, and may be finished to provide qualities and characteristics such as lint free, brushed and filled, calendered, napped, dry-woven, or wet woven, providing tensile and construction qualities are maintained as specified.

3.3.2 Width tolerance. A tolerance in width of plus or minus 1/2 inch for cloth up to 40 inches in width, plus or minus 3/4 inch for cloth from 40 to 60 inches in width, and plus or minus 1 inch for widths over 60 inches will be permitted.

SS-C-466e

3.3.3 Grade U.G., 80 percent asbestos, blue stripe. The cloth shall contain not less than 80 percent asbestos and a blue marker thread shall be woven in each selvage.

3.3.3.1 Style 1, plain weave, regular weight. Style 1 cloth shall conform to the construction shown in table I.

TABLE I—Grade U.G., style 1 cloth

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 2.25	18	9	Pounds 90	Pounds 40

3.3.3.2 Style 2, plain weave, light weight. Style 2 cloth shall conform to the construction shown in table II.

TABLE II—Grade U.G., style 2 cloth

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 1.40	19	10	Pounds 80	Pounds 40

3.3.3.3 Style 3, plain weave, special weight, No. 1 construction. Style 3, No. 1 construction cloth shall conform to the construction shown in table III.

TABLE III—Grade U.G., style 3 cloth, No. 1

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 0.75	21	17	Pounds 40	Pounds 30

3.3.3.4 Style 4, plain weave, special weight, No. 2 construction. Style 4, No. 2 construction cloth shall conform to the construction shown in table IV.

TABLE IV—Grade U.G., style 4 cloth, No. 2

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 1.05	20	15	Pounds 65	Pounds 40

3.3.3.5 Style 5, combination asbestos glass, plain weave (asbestos yarn and glass filament yarn plied together), No. 3 construction. Style 5, No. 3 construction cloth shall conform to the construction shown in table V.

TABLE V—Grade U.G., style 5 cloth, No. 3

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 1.10	13	9	Pounds 90	Pounds 70

3.3.3.6 Style 6, combination asbestos glass plain weave (asbestos yarn and glass filament yarn plied together), No. 4 construction. Style 6, No. 4 construction cloth shall conform to the construction shown in table VI.

TABLE VI—Grade U.G., style 6 cloth, No. 4

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds 1.40	18	9	Pounds 90	Pounds 40

32 8

SS-C-466e

3.3.4 Grade AA, 90 percent asbestos, red stripe.

3.3.4.1 Style 1, plain weave. The cloth shall contain not less than 90 percent asbestos and shall conform to the construction shown in table VII. A red marker thread shall be woven in each selvage.

TABLE VII—Grade AA, style 1 cloth

Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
	Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
Pounds			Pounds	Pounds
2.25	18	9	100	40

3.3.5 Grade AAA, 95 percent asbestos, green stripe. The cloth shall contain not less than 95 percent asbestos and a green marker thread shall be woven in each selvage.

3.3.5.1 Style 1, plain weave, regular weight. Style 1 cloth shall conform to the construction shown in table VIII.

3.3.5.2 Style 2, plain weave, light weight. Style 2 cloth shall conform to the construction shown in table VIII.

3.3.6 Grade AAA-M, 95 percent asbestos, plain weave insertion, no stripe.

3.3.6.1 Styles 7, 8, and 9. The cloth shall be plain weave and shall contain not less than 95 percent asbestos exclusive of the wire insertion, and shall conform to the constructions shown in table IX.

3.4 Form II, thread, sewing, reinforced with wire. The strands shall be composed of three nickel-copper wires, each of which shall have asbestos yarn spun around it, twisted together to definitely interlock the asbestos and wire. Each yarn shall be 10-cut and shall contain not less than 95 percent asbestos. The wire insertion shall contain not less than 58 percent nickel and shall be 0.008 ± 0.001 inch in diameter.

3.5 Form III, thread, sewing, without wire. The thread shall be made from yarn not heavier than 10-cut, 2 ply, and shall contain not less than 75 percent asbestos. One

TABLE VIII—Grade AAA, styles 1 and 2 cloth

	Weight per square yard ± 7 percent	Construction		Breaking strength, minimum average, as received	
		Ends per inch ± 1	Picks per inch ± 1	Warp	Fill
	Pounds			Pounds	Pounds
Style 1	2.25	18	9	125	50
Style 2	1.4	19	10	80	40

TABLE IX—Grade AAA-M, styles 7, 8 and 9

Style	Weight per square yard ± 7 percent	Construction		Wire		
		Ends per inch ± 1	Picks per inch ± 1	Composition	Diameter $\pm .001$ inch	Number of strands
	Pounds				Inch	
7	2.60	18	9	Soft annealed nickel	.006	1
8	2.75	18	9	Nickel-copper alloy	.008	1
9	3.50	18	9	58 percent nickel	.008	2
				Nickel-copper alloy		
				58 percent nickel		

SS-C-466e

pound of the thread shall provide not less than 450 yards. The breaking strength of the thread shall be not less than 4 pounds, when tested as specified in 4.4.2.

3.6 Form IV, tape.

3.6.1 Grade U.G., 80 percent asbestos.

3.6.1.1 *Style 1, plain weave.* The tape shall contain not less than 80 percent asbestos. The construction shall be 16 ± 1 ends by 8 ± 1 picks per inch. The wrap yarn shall be 10-cut, and the filling shall be 10-cut, 2 ply. The tape shall be of plain weave with woven selvage edges.

3.6.1.1.1 *Tolerance in width.* A tolerance of plus or minus $1/8$ inch will be permitted in the specified width of tape.

3.7 *Workmanship.* The asbestos cloth, thread, and tape shall be reasonably free from nap, broken and uneven threads, and knots.

4. SAMPLING, INSPECTION, AND TEST PROCEDURES

4.1 *Responsibility for inspection.* Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

4.2 Sampling.

4.2.1 Lot.

4.2.1.1 *Form I, cloth.* For purposes of sampling, a lot shall consist of not more than 5000 square yards of cloth of the same grade and style produced in one plant under essentially the same conditions.

4.2.1.2 *Forms II and III thread.* For purposes of sampling, a lot shall consist of not more than 100 pounds of thread of the same form produced in one plant under essentially the same conditions.

4.2.1.3 *Form IV, tape.* For purposes of sampling, a lot shall consist of not more than 10,000 linear feet of tape of the same width produced in one plant under essentially the same conditions.

4.2.2 *Examination.* A random sample of rolls of cloth, balls, reels or tubes of thread, or rolls or tubes of tape selected in accordance with table X from each lot shall be examined to verify conformance with this specification, with lot acceptance based on inspection requirements in accordance with MIL-STD-105. Any roll, ball, reel, or tube in the sample containing one or more defects shall cause rejection of the item and if the number of defective rolls, balls, reels, or tubes in any sample exceeds the acceptance number for that sample, this shall cause rejection of the lot represented by the sample.

TABLE X.—Sampling for examination AQL (approx.) = 2.5 percent defective

Number of rolls of cloth, balls, reels or tubes of thread, or rolls or tubes of tape in lot	Number of rolls of cloth, balls, reels or tubes of thread, or rolls or tubes of tape in sample	Acceptance number (defective)	Rejection number (defective)
15 and under	5	0	1
16 to 40	7	0	1
41 to 65	10	0	1
66 to 110	15	1	2
111 and over	25	1	2

NOTE—Approximately 7 yards shall be unrolled from the rolls of cloth, and 7 feet from the rolls or tubes of tape.

4.3 *Tests.* A random sample of cloth, thread, or tape selected in accordance with table XI from each inspection lot of material shall be subjected to the applicable tests specified in 4.4. If the sample tested is found

5
44

SS-C-466e

to be not in conformance with this specification, this shall cause rejection of the lot represented by the sample.

TABLE XI.—*Sampling for tests*

Number of rolls of cloth, balls, reels or tubes of thread or rolls or tubes of tape in lot	Number of rolls, balls, reels, or tubes in sample ¹
8 and under	2
9 to 15	3
16 to 40	4
41 to 65	5
66 and over	6

¹ From each sample roll of cloth a sample strip of cloth 20 inches in length and the full width of the roll, or a 6-ounce ball, reel, or tube of thread, or 2 feet of tape the full width of the roll shall be taken.

4.4 Test procedures.

4.4.1 Cloth.

4.4.1.1 *Hygroscopic moisture.* Five test specimens, each weighing not less than 5 grams, shall be weighed and then dried for one hour at 105° to 110°C. (221° to 230°F.) in an electric oven, cooled in a desiccator for one hour and again weighed. The loss in weight is termed the hygroscopic moisture. This weight divided by the weight of the sample and multiplied by 100 gives the percentage of hygroscopic moisture in the sample of cloth.

4.4.1.2 *Asbestos content.* The asbestos content shall be determined in accordance with the method specified in ASTM D 1918.

4.4.1.3 *Breaking strength.* The breaking strength of the cloth shall be determined by method 5100 of CCC-T-191.

4.4.1.4 *Cloth construction.* The number of warp yarns and the number of filling yarns shall be determined by method 5050 of CCC-T-191.

4.4.1.5 *Weight.* The weight shall be determined in accordance with method 5040 of CCC-T-191.

4.4.1.6 *Width.* The width shall be determined in accordance with method 5020 of CCC-T-191.

4.4.1.7 *Length.* The length shall be determined in accordance with method 5010 of CCC-T-191.

4.4.2 Thread.

4.4.2.1 *Breaking strength.* The breaking strength of the asbestos thread shall be determined on a standard textile testing machine. All tests shall be made on single strands. The single strands shall be broken after conditioning the tubes (or bobbins) for 12 hours in a standard atmosphere having a relative humidity of 65 percent and a dry-bulb temperature of 70°F., and the tension tests shall be made under the above atmospheric conditions. A single-strand testing machine of proper capacity, with the clamps set 10 inches apart and having a speed of pulling clamp of $12 \pm 1/2$ inches per minute, shall be used. The clamp or device for holding the individual strand of material shall be of the flat grip, capstan, drum or other type, and shall be deemed to be satisfactory provided that not more than 25 percent of the specimens break at a point within 0.5 inch of the point of contact with the clamp or holding device. The average of four breaks from each of 10 tubes (or bobbins), taken at random from each case of 300 pounds or less, shall be the average breaking strength.

4.4.3 Tape.

4.4.3.1 *Hygroscopic moisture and asbestos content.* The sample tape shall be tested for hygroscopic moisture and asbestos content as specified in 4.4.1.1 and 4.4.1.2, respectively.

4.4.3.2 *Tape construction, number of ends, and picks in woven tape.* (See method 5050 of CCC-T-191.) When possible, in determining the ends per inch, the count shall be started 1/4 inch in from selvage and this number shall be divided by the width over which the count was made. Otherwise, the

SS-C-466e

number of ends per inch shall be determined by counting the warp yarns in the full width of the tape and dividing the total number of ends by the inches of width. The number of picks shall be the average of the count made in three 5-inch lengths taken from each end and the middle of a 24-inch sample.

4.5 Inspection of preparation for delivery. The packaging, packing, and marking of asbestos cloth, thread, and tape shall be inspected to determine conformance to the applicable requirements of section 5.

5. PREPARATION FOR DELIVERY

(Civil agencies should refer to Fed. Std. No. 102 for definitions and applications of the various levels of packaging protection for supplies and equipment.)

5.1 Packaging. Packaging shall be level A or C, as specified (see 6.2).

5.1.1 Level A.

5.1.1.1 Cloth. Cloth in lengths and width as specified (see 6.2) shall be packaged in rolls. Each roll shall be completely wrapped in kraft paper, grade B, 60-pound basis-weight (24 by 36—500) conforming to UU-P-268.

5.1.1.2 Thread. Thread shall be furnished in balls, reels or tubes and in lengths as specified (see 6.2). Each ball, reel, or tube shall be wrapped in kraft paper conforming to UU-P-268.

5.1.1.3 Tape. Tape shall be wound on tubes or rolls and in lengths and widths as specified (see 6.2). Each tube or roll shall be wrapped in kraft paper conforming to UU-P-268.

5.1.2 Level C. The cloth, thread, and tape shall be packaged in accordance with the supplier's standard practice.

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

5.2.1 Level A. Cloth, tape, and thread packaged as specified in 5.1.1 shall be packed in containers conforming to any one of the following specifications at the option of the contractor:

<i>Specification</i>	<i>Classification</i>
PPP-B-576	Class 2
PPP-B-585	Class 3 use
PPP-B-591	Overseas type
PPP-B-601	Overseas type
PPP-B-621	Class 2
PPP-B-636	Class 2
PPP-B-640	Class 2

Shipping containers shall have case liners conforming to MIL-L-10547. Case liners shall be closed and sealed in accordance with the appendix to MIL-L-10547. Case liners for fiberboard boxes conforming to PPP-B-636 and PPP-B-640 may be omitted provided all center and edge seams and manufacturer's joint are sealed and waterproofed with pressure-sensitive tape in accordance with the applicable fiberboard box specification. Shipping containers shall be closed, strapped or banded in accordance with the applicable box specification or appendix thereto. The gross weight of wood or wood-cleated boxes shall not exceed 200-pounds; fiberboard boxes shall not exceed the weight limitations of the applicable fiberboard box specification.

5.2.2 Level B. Cloth, tape, and thread packaged as specified in 5.2.1, shall be packed in containers conforming to any one of the following specifications at the option of the contractor:

<i>Specification</i>	<i>Classification</i>
PPP-B-576	Class 1
PPP-B-585	Class 1 or 2 use
PPP-B-591	Domestic type
PPP-B-601	Domestic type
PPP-B-621	Class 1
PPP-B-636	Class 1
PPP-B-640	Class 1

Shipping containers shall be closed in accordance with the applicable box specification or appendix thereto. The gross weight of wood

SS-C-466e

or wood-crested boxes shall not exceed 200-pounds; fiberboard boxes shall not exceed the weight limitations of the applicable fiberboard box specification.

5.2.3 Level C. Cloth, tape, and thread packaged as specified in 5.1, shall be packed in a manner that will insure arrival at destination in satisfactory condition and be acceptable to the carrier at lowest rates.

5.3 Marking.

5.3.1 Civil agencies. In addition to any special marking required by the contract or order, interior packages and exterior shipping containers shall be marked in accordance with Fed. Std. No. 123.

5.3.2 Military agencies. In addition to any special marking required by the contract or order, interior packages and exterior shipping containers shall be marked for shipment in accordance with MIL-STD-129.

6. NOTES

6.1 Intended use.

6.1.1 Form I, grade U.G., cloth and form IV, tape. This cloth and tape are intended for use as the jacketing material over insulation where the temperature of the insulated surface is more than 125°F. (52°C.), except that they are not to be used on fittings and flanges, nor where they will be in contact with heated metal.

6.1.2 Form I, grade AA cloth. Grade AA cloth is intended for use as the outside surface on removable and replaceable covers for flanges and fittings where the temperature of the insulated surface does not exceed 500°F. (260°C.) or for the wrapping of engine exhaust pipes where the temperature of the metal in contact does not exceed 500°F. (260°C.).

6.1.3 Form I, grade AAA cloth. Grade AAA cloth is intended for use as the outside surface on removable and replaceable covers

for flanges and fittings where the temperature of the insulated surface is more than 500°F. (260°C.), or for the wrapping of exhaust pipes where the temperature of the metal in contact exceeds 500°F. (260°C.).

6.1.4 Form I, grade AAA-M cloth. Grade AAA-M cloth is intended for use as the inside surface on removable and replaceable covers for flanges and fittings, or for the wrapping of engine exhaust pipes where the temperature of the metal in contact is over 500°F. (260°C.), but not exceeding 1000°F. (538°C.).

6.2 Ordering data. Purchasers should exercise any desired options offered herein and procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Forms, grades, and style required (see 1.2.1).
- (c) Size required (see 1.2.2 and 6.3).
- (d) Packaging, packing, or marking requirements other than those required by 5.1 (see 5.2).
- (e) Allowable variations in quantity (see 6.3).

6.3 Commercial sizes. Variations in quantity to be plus or minus 2 percent minimum. Such variations shall also apply to quantities supplied to individual destinations.

6.3.1 Cloth. Asbestos cloth is normally available in widths of 36 inches, 40 inches and 60 inches and in rolls of 50 to 100 yards, providing the weight of the rolls does not exceed 225 pounds each. The tolerance shall be plus or minus 5 yards. Ten percent of the total number of rolls per style in a shipment may contain two pieces.

6.3.2 Thread. Sewing thread is normally available in 1 pound and 2 pound tubes.

6.3.3 Tape. Asbestos tape is normally supplied in 50 and 100 foot rolls and in widths of 1, 1-1/4, 1-1/2, 2, 2-1/2, and 3 inches. Tape can be supplied in rolls of 100 feet in 2, 2-

SS-C-466e

1/2, and 3 inches. Tape can be supplied in rolls of 100 feet in 2, 2-1/2, and 3 inch widths, if desired. Ten percent of the total number of rolls may contain two pieces.

6.4 Transportation description. The transportation descriptions and minimum weights applicable to this commodity are:

Form I, grades U.G., AA, and AAA, all styles.

Rail:

Asbestos cloth, not otherwise indexed by name.
Carload minimum weight 30,000 pounds.

Motor:

Asbestos cloth, not otherwise indexed by name, asbestos.
Truckload minimum weight 30,000 pounds, subject to Rule 115, National Motor Freight Classification.

Form I, grade AAA-M, all styles.

Rail:

Asbestos cloth, wire reinforced.
Carload minimum weight 30,000 pounds.

Motor:

Asbestos cloth, not otherwise indexed by name.
Truckload minimum weight 30,000 pounds, subject to Rule 115, National Motor Freight Classification.

Form II.

Rail:

Asbestos yarn, wire reinforced.
Carload minimum weight 30,000 pounds.

Motor:

Asbestos yarn, not otherwise indexed by name.
Truckload minimum weight 30,000 pounds, subject to Rule 115, National Motor Freight Classification.

Form III.

Rail:

Asbestos yarn, not otherwise indexed by name.
Carload minimum weight 30,000 pounds.

Motor:

Asbestos yarn, not otherwise indexed by name.
Truckload minimum weight 30,000 pounds, subject to Rule 115, National Motor Freight Classification.

Form IV.

Rail:

Tape, insulating, not otherwise indexed by name.
Carload minimum weight 30,000 pounds.

Motor:

Tape, insulating, not otherwise indexed by name.
Truckload minimum weight 30,000 pounds, subject to Rule 115, National Motor Freight Classification.

MILITARY CUSTODIANS:

Army—MO

Navy—Ships

Air Force—MOA

Preparing activity:

Navy—Ships