

U.S. Department of Commerce
National Institute of Standards and Technology
(Formerly: National Bureau of Standards)

**Commercial Standard CS234-61
Measurements for Stretch Socks and Anklets**

Commercial Standard CS234-61 was withdrawn by the U.S. Department of Commerce
June 19, 1980.

For assistance and additional information concerning this commercial standard, contact:

The Hosiery Association
(formerly: National Hosiery Manufacturers Association)
7421 Carmel Executive Park, Ste. 200
Charlotte, NC 28226 USA
Telephone: (704) 365-0913
Fax: (704) 362-2056.
E-mail: info@hosieryassociation.com
<http://www.hosieryassociation.com>

The following ASTM document/standard may be of interest: ASTM WK4448 - New
Standard Specification for Socks and Hosiery.

For assistance and additional information, contact:

ASTM International
100 Barr Harbor Drive, P. O. Box C700
West Conshohocken, PA, 19428-2959 USA
Telephone: (610) 832-9585/-9500
Fax: (610) 832-9555
<http://www.astm.org>

interested parties to propose funding arrangements for those Voluntary Product Standards which they wish to have retained. The request to retain a standard must also address the other five criteria for Department sponsorship established in section 10.0(b) of the revised Procedures.

Currently, there are in effect 80 documents classified as Voluntary Product Standards. Of these, 52 are referenced as Product Standards (PS), 23 as Commercial Standards (CS), and 5 as Simplified Practice Recommendations (R). The designation and titles of the Voluntary Product Standards being withdrawn by this notice are:

- PS 1-74 Construction and Industrial Plywood
- PS 4-68 Standard Stock Light-Duty 1½- and 1¾-inch Thick Flush-type Interior Steel Doors and Frames
- PS 6-66 Trim for Water-Closet Bowls, Tanks and Urinals (Dimensional Standards)
- PS 13-69 Uncord Slab Urethane Foam for Bedding and Furniture Cushioning
- PS 15-69 Custom Contact-Molded Reinforced-Polyester Chemical-Resistant Process Equipment
- PS 17-69 Polyethylene Sheeting (Construction, Industrial and Agricultural Applications)
- PS 20-70 American Softwood Lumber Standard
- PS 23-70 Horticultural Grade Perlite
- PS 24-70 Melamine Dinnerware (Alpha-Cellulose Filled) for Household Use
- PS 25-70 Heavy-Duty Alpha-Cellulose-Filled Melamine Tableware
- PS 26-70 Rigid Poly (Vinyl Chloride) (PVC) Profile Extrusions
- PS 27-70 Mosaic-Parquet Hardwood Slat Flooring
- PS 28-70 Glass Stopcocks with Polytetrafluoroethylene (PTFE) Plugs
- PS 29-70 Plastic Heat-Shrinkable Film
- PS 30-70 School Chalk
- PS 31-70 Polystyrene Plastic Sheet
- PS 34-70 Fluorinated Ethylene-Propylene (FEP) Plastic Lined Steel Pipe and Fittings
- PS 36-70 Body Measurements for the Sizing of Boys' Apparel
- PS 38-70 Steel Bi-fold Closet Door Units, Frames, and Trim
- PS 40-70 Package Quantities of Green Olives
- PS 41-70 Package Quantities of Instant Mashed Potatoes
- PS 42-70 Body Measurements for the Sizing of Women's Patterns and Apparel
- PS 43-71 Fluorinated Ethylene-Propylene (FEP) Plastic Tubing
- PS 44-71 Paper Ice Bag Sizes
- PS 45-71 Body Measurements for the Sizing of Apparel for Young Men (Students)
- PS 46-71 Flame-Resistant Paper and Paperboard
- PS 47-71 Heat-Shrinkable Fluorocarbon Plastic Tubing
- PS 48-71 Package Quantities of Cubed, Sized, Crushed, and Block Ice
- PS 49-71 Portable Picnic Coolers
- PS 50-71 Package Quantities of Toothpaste

- PS 51-71 Hardwood and Decorative Plywood
- PS 52-71 Polytetrafluoroethylene (PTFE) Plastic Tubing
- PS 53-72 Glass-Fiber Reinforced Polyester Structural Plastic Panels
- PS 54-72 Body Measurements for the Sizing of Girls' Apparel
- PS 55-72 Rigid Poly (Vinyl Chloride) (PVC) Plastic Siding
- PS 56-73 Structural Glued Laminated Timber
- PS 57-73 Cellulosic Fiber Insulation Board
- PS 58-73 Basic Hardboard
- PS 59-73 Prefinished Hardboard Paneling
- PS 60-73 Hardboard Siding
- PS 62-74 Grading of Diamond Powder in Sub-Sieve Sizes
- PS 63-75 Latex Foam Mattresses for Hospitals
- PS 64-75 School Paste
- PS 65-75 Paints and Inks for Art Education in Schools
- PS 66-75 Safety Requirements for Home Playground Equipment
- PS 67-76 Marking of Gold Filled and Rolled Gold Plate Articles Other than Watchcases
- PS 68-76 Marking of Articles Made of Silver in Combination with Gold
- PS 69-76 Marking of Articles Made Wholly or in Part of Platinum
- PS 70-76 Marking of Articles Made of Karat Gold
- PS 71-76 Marking of Jewelry and Novelties of Silver
- PS 72-76 Toy Safety
- PS 73-77 Carbonated Soft Drink Bottles
- CS 5-65 Pipe Nipples; Brass, Copper, Steel, and Wrought Iron
- CS 11-63 Moisture Regain of Cotton Yarns
- CS 21-58 Interchangeable Taper-Ground Joints, Stopcocks, Stoppers, and Spherical-Ground Joints
- CS 46-65 Hosiery Lengths and Sizes Excluding Women's
- CS 75-56 Automatic Mechanical-Draft Oil Burners Designed for Domestic Installations
- CS 98-62 Artists' Oil Paints
- CS 130-60 Color Materials for Art Education in Schools
- CS 138-65 Insect Wire Screening
- CS 151-60 Body Measurements for the Sizing of Apparel for Infants, Babies, Toddlers and Children (for the Knit Underwear Industry)
- CS 191-53 Flammability of Clothing Textile
- CS 192-53 General Purpose Vinyl Plastic Film
- CS 201-55 Rigid Polyvinyl Chloride Sheets
- CS 202-56 Industrial Lifts and Hinged Loading Ramps
- CS 209-57 Vinyl Chloride Plastics Garden Hose
- CS 227-59 Polyethylene Film
- CS 234-61 Measurements for Stretch Socks and Anklelets
- CS 236-66 Mat-Formed Wood Particleboard
- CS 242-62 Standard Stock Commercial 1½-Inch Thick Steel Doors and Frames
- CS 245-62 Vinyl-Metal Laminates
- CS 257-63 TFE-Fluorocarbon (Polytetrafluoroethylene) Resin Molded Basic Shapes
- CS 268-65 Hide Trim Pattern for Domestic Cattlehides

National Bureau of Standards

Announcement of Withdrawal of Voluntary Product Standards

AGENCY: Department of Commerce, National Bureau of Standards.

ACTION: Announcement of Withdrawal of Voluntary Product Standards.

In a separate notice appearing in this issue of the Federal Register, the Department of Commerce (Department) announced the issuance of revised Procedures for the Development of Voluntary Product Standards (15 CFR Part 10). Section 10.13 of those revised Procedures calls for the withdrawal of all Voluntary Product Standards which had been published by the Department prior to the effective date of the revised Procedures. Section 10.13 also provides that the effective date of the withdrawal of such standards will be 60 days following publication of the notice announcing the issuance of the revised Procedures unless within that 60-day period, interested parties submit a request to the Director of the National Bureau of Standards to retain a particular standard or standards.

Accordingly, this notice announces the withdrawal of the Voluntary Product Standards listed below effective August 18, 1980. One of the six criteria for Department of Commerce sponsorship of a Voluntary Product Standard is the availability of adequate reimbursable funding from one or more proponent organizations. The Director of the National Bureau of Standards invites

-over-

- CS 289-85 Aluminum Alloy Chain Link
Fencing
- CS 274-88 TFE-Fluorocarbon
(Polytetrafluoroethylene) Resin Sintered
Thin Coatings for Dry Film Lubrication
- R 2-82 Bedding Products and Components
- R 48-85 Tissue Wrapping Paper
- R 192-83 Crayons and Related Art
Materials for School Use (Types, Sizes,
Packages, and Colors)
- R 222-48 Hot-Rolled Carbon Steel Bars and
Bar-Size Shapes
- R 284-61 Standard Sizes of Oil-Hardenable
Flat, Ground Tool Steel stock

DATE: Requests to retain one or more standards must be submitted by August 18, 1980.

ADDRESS: Requests must be submitted in duplicate to: Ernest Ambler, Director, National Bureau of Standards, Washington, D.C. 20234.

FOR FURTHER INFORMATION CONTACT: James E. French, Office of Engineering Standards, National Bureau of Standards, Washington, D.C. 20234, Telephone: (301) 921-3272.

Dated: June 13, 1980

Ernest Ambler,
Director.

[FR Doc. 80-18442 Filed 6-18-80; 8:45 am]
BILLING CODE 3510-18-M

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COMMERCIAL STANDARD CS234-61

**Measurements for
Stretch Socks and Anklets**

A recorded
voluntary standard of the
trade published by
the U.S. Department
of Commerce



U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF COMMERCE

Luther H. Hodges, Secretary

BUSINESS AND DEFENSE SERVICES ADMINISTRATION

OFFICE OF TECHNICAL SERVICES

Commodity Standards Division

With the cooperation of the
National Bureau of Standards

COMMERCIAL STANDARDS

Commercial Standards are developed by manufacturers, distributors, and users in cooperation with the Commodity Standards Division of the Office of Technical Services, Business and Defense Services Administration, and with the National Bureau of Standards. Their purpose is to establish quality criteria, standard methods of test, rating, certification, and labeling of manufactured commodities, and to provide uniform bases for fair competition.

The adoption and use of a Commercial Standard is voluntary. However, when reference to a Commercial Standard is made in contracts, labels, invoices, or advertising literature, the provisions of the standard are enforceable through usual legal channels as a part of the sales contract.

Commercial Standards originate with the proponent industry. The sponsors may be manufacturers, distributors, or users of the specific product. One of these three elements of industry submits to the Commodity Standards Division the necessary data to be used as the basis for developing a standard of practice. The division by means of assembled conferences or letter referenda, or both, assists the sponsor group in arriving at a tentative standard of practice and thereafter refers it to the other elements of the same industry for approval or for constructive criticism that will be helpful in making any necessary adjustments. The regular procedure of the division assures continuous servicing of each Commercial Standard through review and revision whenever, in the opinion of the industry, changing conditions warrant such action.

SIMPLIFIED PRACTICE RECOMMENDATIONS

Under a similar procedure the Commodity Standards Division cooperates with industries in the establishment of Simplified Practice Recommendations. Their purpose is to eliminate avoidable waste through the establishment of standards of practice for sizes, dimensions, varieties, or other characteristics of specific products; to simplify packaging practices; and to establish simplified methods of performing specific tasks.

The initial printing of CS234-61 was made possible through the cooperation of the National Association of Hosiery Manufacturers, Inc.

Measurements for Stretch Socks and Anklets

[Effective February 3, 1961]

1. PURPOSE

1.1 The purpose of this Commercial Standard is to provide standard methods of measuring and measurements for stretch socks and anklets for the guidance of manufacturers, distributors, and users.

1.2 Another purpose is to assure that socks and anklets are constructed so as to provide sufficient stretch for a one-size range, or for a two-or-more size range.

1.3 Other purposes are:

- a. To provide simple and practical guides for determining proper foot and leg lengths and sizes.
- b. To provide the consumer with a finished product that will give fit and comfort.
- c. To eliminate misrepresentation.

2. SCOPE

2.1 This standard covers:

- a. The application of the standard.
- b. The classifications and types of stretch socks and anklets.
- c. The kinds of yarns.
- d. Preboarding—Applicable only to all-stretch yarns.
- e. The methods of measuring.
- f. The measurements and tolerances.
- g. Standard sizing boards—Full data on sizing boards, including development of outlines of the boards for all sizes and classifications given in a separate 21-page Appendix, TS-5493, available on request from the Commodity Standards Division, Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C.
- h. The method of identification.

3. APPLICATION

3.1 The methods and measurements given herein are applicable to finished socks and anklets as delivered by the manufacturer.

4. CLASSIFICATIONS AND TYPES

4.1 This standard covers the following:

4.1.1 *Men's*.—All types and constructions of stretch socks and anklets, except half-hose and longer types.

4.1.2 *Boys', Children's, Infants', Misses', and Women's*.—All types and constructions of stretch socks and anklets, but not leg lengths of long-length or knee-length constructions, such as campus hose.

5. KINDS OF YARNS

5.1 This standard covers socks and anklets made of the following yarns:

a. Entirely of all-stretch yarn or any other yarn with stretch characteristics.

b. A combination of stretch yarn with a non-stretch yarn or yarns.

6. PREBOARDING

(Applicable only to products made entirely of stretch yarns)

6.1 This standard covers socks and anklets which have been put on a boarding form and run through a heat-setting machine at sufficient temperature and time to stabilize the fabric, or preset by some other means which will give the same result insofar as shrinkage is concerned, provided the sock or anklet retains the maximum stretch indicated in the standard for the largest size specified on the transfer, rider ticket, diaper band, or other means to show the size range.

To determine whether socks and anklets made entirely of all-stretch yarn have been properly heat set, measure the stretched length of foot and leg. Then immerse the socks in boiling water (212 degrees) for 15 minutes. After such treatment, dry the socks and remeasure the stretched dimensions. The stretched dimensions after the boil test shall be *essentially* the same as before the boil test.

7. METHODS OF MEASURING—GENERAL

7.1 POSITION:

7.1.1 The relaxed lengths are to be taken with the single hose laid out without tension on a smooth flat surface as shown in Fig. 1.

7.1.2 The stretched lengths are to be taken with the single hose stretched, as shown in Fig. 2 and Fig. 4.

7.1.3 To supplement or check the methods shown in Fig. 2 and Fig. 4, standard sizing boards approved by the National Association of Hosiery Manufacturers for stretch socks and anklets shall be used. A separate 21-page appendix, TS-5493, described in SCOPE paragraph 2.1 (g) above, provides essential information on these boards.

8. METHODS OF MEASURING—SPECIFIC

8.1 RELAXED LENGTH OF FOOT.—The measurement of the relaxed foot length shall be taken in a straight line from the tip of the toe to the back of the heel along a straight line through the tip of the toe and the bottom of the heel gore, Fig. 1.

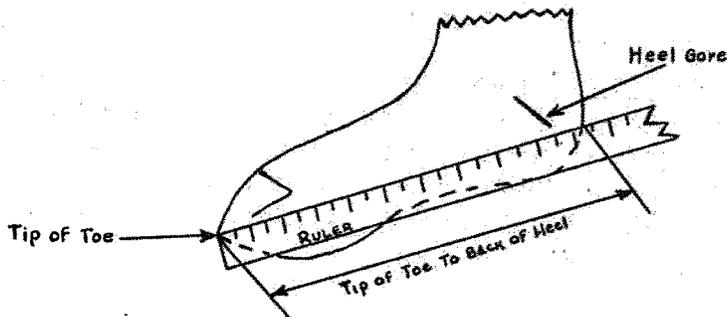


Figure 1.

8.2 STRETCHED LENGTH OF FOOT.—The measurement of the stretched foot length shall be taken from the tip of the toe to the lower end of the heel gore, holding the sock firmly between the thumb and the finger at the toe tip and at the heel gore, and stretching the fabric to its limit without damaging the stitches, Fig. 2.

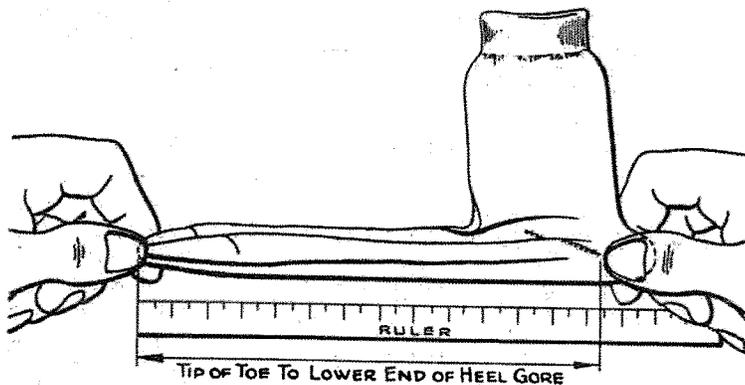


Figure 2.

8.3 RELAXED LENGTH OF LEG.—Place a ruler so that it touches the lower end of the heel gore and is parallel to the front line of the sock or ankle. The length is the measured distance from the bottom of the heel (A) to the top of the sock or ankle (B) as located by the dotted line, Fig. 3.

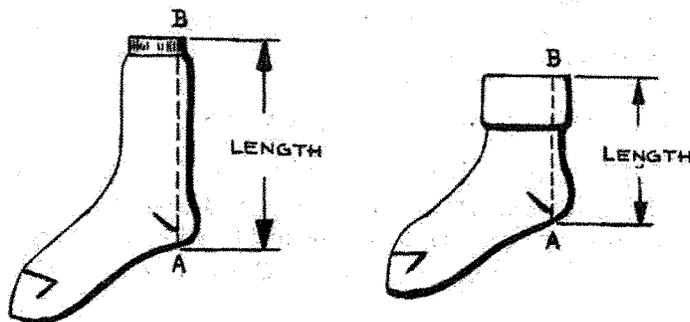


Figure 3.

8.4 STRETCHED LENGTH OF LEG.—The measurement of the stretched length of leg shall be taken from the lower end of the heel gore to the top edge of the sock, holding the sock firmly between the thumb and the finger at the heel gore and at the top edge, and stretching the fabric to its limit without damaging the stitches, Fig. 4.

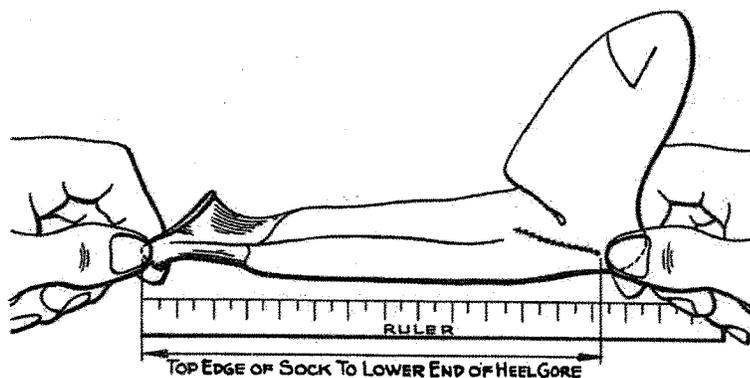


Figure 4.

9. STANDARD MEASUREMENTS— in inches

9.1 Socks and anklets produced under this standard shall be measured according to the methods of measuring described in Section 8 and shall conform to the relaxed and stretched length limitations given in this section and its accompanying tables.

9.2 The sizes of socks or anklets, appearing in the tables refer to the size numbers shown on the transfer, rider ticket, diaper band, or other means to indicate size to the consumer.

9.3 MEN'S SLACK SOCKS, SHORT SOCKS AND ANKLETS.

9.3.1 *Relaxed lengths of foot* shall be those given in Table 1.

Table 1.—Relaxed Lengths of Foot

Men's	
If smallest size is marked	Relaxed length of foot should be
9 1/2	9 inches or shorter
10	9 1/2 " " "
10 1/2	10 " " "
11	10 1/2 " " "
11 1/2	11 " " "
12	11 1/2 " " "
13	12 1/4 " " "
14	13 1/4 " " "

9.3.2 *Stretched lengths of foot* shall be those given in Table 2.

Table 2.—Stretched Lengths of Foot

Men's	
If largest size is marked	Stretched length of foot should be
9 1/2	12 1/2 inches or longer
10	13 " " "
10 1/2	13 1/2 " " "
11	14 " " "
11 1/2	14 1/2 " " "
12	15 " " "
13	16 " " "
14	17 " " "

9.3.3 *Relaxed lengths of leg* are not given.

9.3.4 *Stretched length of leg* shall not be less than 15 inches.

9.4 BOYS' SOCKS.

9.4.1 *Relaxed lengths of foot* shall be those given in Table 3.

Table 3.—Relaxed Lengths of Foot

Boys'	
If smallest size is marked	Relaxed length of foot should be
6	5 3/4 inches or shorter
6 1/2	6 1/4 " " "
7	6 3/4 " " "
7 1/2	7 " " "
8	7 1/2 " " "
8 1/2	8 " " "
9	8 1/2 " " "
9 1/2	9 " " "
10	9 1/2 " " "
10 1/2	10 " " "
11	10 1/2 " " "

9.4.2 *Stretched lengths of foot* shall be those given in Table 4.

Table 4.—Stretched Lengths of Foot

Boys'	
If largest size is marked	Stretched length of foot should be
6	7 1/2 inches or longer
6 1/2	8 1/4 " " "
7	8 3/4 " " "
7 1/2	9 1/2 " " "
8	10 " " "
8 1/2	10 3/4 " " "
9	11 1/4 " " "
9 1/2	12 " " "
10	12 1/2 " " "
10 1/2	13 1/4 " " "
11	13 3/4 " " "

9.4.3 *Relaxed lengths of leg* shall be those given in Table 5.

Table 5.—Relaxed Lengths of Leg

Boys'	
If smallest size is marked	Relaxed length of leg should be
6	5 3/4 inches or shorter
6 1/2	6 1/4 " " "
7	6 3/4 " " "
7 1/2	7 " " "
8	7 1/4 " " "
8 1/2	7 3/4 " " "
9	8 1/4 " " "
9 1/2	8 3/4 " " "
10	9 " " "
10 1/2	9 1/2 " " "
11	10 " " "

9.4.4 *Stretched lengths of leg* not given.

9.5 INFANTS', CHILDREN'S, MISSES', WOMEN'S SOCKS AND ANKLETS.

9.5.1 *Relaxed lengths of foot* shall be those given in Table 6.

Table 6.—Relaxed Lengths of Foot

Infants', Children's, Misses', Women's	
If smallest size is marked	Relaxed length of foot should be
3	2 3/4 inches or shorter
3 1/2	3 1/4 " " "
4	3 3/4 " " "
4 1/2	4 1/4 " " "
5	4 3/4 " " "
5 1/2	5 1/4 " " "
6	5 3/4 " " "
6 1/2	6 1/4 " " "
7	6 3/4 " " "
7 1/2	7 " " "

Table 6.—Relaxed Lengths of Foot—Con.

Infants', Children's, Misses', Women's	
If smallest size is marked	Relaxed length of foot should be
8	7 1/2 inches or shorter
8 1/2	8 " " "
9	8 1/2 " " "
9 1/2	9 " " "
10	9 1/2 " " "
10 1/2	10 " " "
11	10 1/2 " " "

9.5.2 *Stretched lengths of foot* shall be those given in Table 7.

Table 7.—Stretched Lengths of Foot

Infants', Children's, Misses', Women's	
If largest size is marked	Stretched length of foot should be
3	3 3/4 inches or longer
3 1/2	4 1/2 " " "
4	5 " " "
4 1/2	5 3/4 " " "
5	6 1/4 " " "
5 1/2	7 " " "
6	7 1/2 " " "
6 1/2	8 1/4 " " "
7	8 3/4 " " "
7 1/2	9 1/2 " " "
8	10 " " "
8 1/2	10 3/4 " " "
9	11 1/4 " " "
9 1/2	12 " " "
10	12 1/2 " " "
10 1/2	13 1/4 " " "
11	13 3/4 " " "

9.5.3 *Relaxed lengths of leg* shall be those given in Table 8.

Table 8.—*Relaxed Lengths of Leg*

Infants', Children's, Misses', Women's		
Folded and Single Cuffs		
If smallest size is marked	Relaxed length of leg should be	Tolerance (Plus only)
4	3 1/2 inches	1/4 inch
4 1/2	3 1/2 "	"
5	3 3/4 "	"
5 1/2	3 3/4 "	"
6	4 1/4 "	"
6 1/2	4 1/4 "	"
7	4 3/4 "	"
7 1/2	4 3/4 "	"
8	5 1/4 "	"
8 1/2	5 1/4 "	"
9	5 1/2 "	"
9 1/2	5 1/2 "	"
10	5 1/2 "	"
10 1/2	5 1/2 "	"
11	5 1/2 "	"

9.5.4 This type of sock or anklet has the top folded down and therefore the relaxed leg lengths are shorter than if unfolded. (See Fig. 3, Top Folded).

9.5.5 *Stretched lengths of leg* not given.

10. IDENTIFICATION

10.1 Appropriate language to show that "stretch" socks and anklets conform to the standard is given below:

a. *For catalog and sales literature:*

Sizes of *Men's, Boys', Infants', Children's, Misses' and/or Women's.*

(Use applicable designation)

"Stretch" socks and anklets conform to the requirements of Commercial Standard CS234-61, as developed under the procedures of the Commodity Standards Di-

vision, Office of Technical Services, and as issued by the U. S. Department of Commerce.

b. For stickers or labels:

Sizes conform to CS234-61.

11. EFFECTIVE DATE

11.1 Having met all procedural requirements of the Commodity Standards Division, including approval by the acceptors hereinafter listed, this Commercial Standard was issued by the U. S. Department of Commerce, effective February 3, 1961.

12. HISTORY OF PROJECT

12.1 Action on this project was inaugurated in 1956 by the Veterans Administration. It requested that the Commodity Standards Division "enlist the cooperation of industry in order to establish basic standards for a sock of this type." As a result of trade negotiations and a desire of the National Association of Hosiery Manufacturers to develop a standard for stretch socks, the Association formally requested that size data on stretch socks and anklets be added to Commercial Standard CS46-49, Hosiery Lengths and Sizes, as part of a revision, and submitted an appropriate draft.

12.2 The Commodity Standards Division suggested that the stretched sock standard be kept separate from CS46-49, because of the inherently different problems involved. This was agreed to. Since that time, the standard has developed according to our procedure.

12.3 The National Bureau of Standards suggested that the ultimate questions of size and fit be tied to the sizing boards of the N. A. H. M. A twenty-one page Appendix dealing with sizing boards was developed and is now available to the hosiery industry on request but is not incorporated in the printed edition of the standard.

12.4 The proposed standard was circulated to the trade for comment and criticism in 1958. The recommended version of the standard, after adjustment based on trade comment, was circulated to the trade for acceptance on June 29, 1960. On January 4, 1961, the Commodity Standards Division announced that acceptances had been received representing a satisfactory

majority of the industry, and the Commercial Standard, to be designated CS234-61, would be considered effective beginning February 3, 1961.

Project Manager: M. Lonie, Commodity Standards Division, Office of Technical Services.

Technical Adviser: Dr. Herbert F. Schiefer, Organic and Fibrous Materials Division, National Bureau of Standards.

13. STANDING COMMITTEE

13.1 The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Technical Services, U. S. Department of Commerce which acts as secretary for the committee.

Producers

1. Gordon, Staley P., First V. P., Grace Hosiery Mills, Inc., Burlington, N. C.
2. Heathcote, Edward, V. P., Heathcote Hosiery Co., 350 Fifth Ave., N. Y. 1, N. Y.
3. Russell, Paul, Pres., Russell Hosiery Mills, Inc., Star, N. C. Lindner, Robert, Sears, Roebuck & Co., Chicago, Ill. (Representing Mail Order Ass'n of America).
4. Slane, Willis H., Jr., Sec., Slane Hosiery Mills, High Point, N. C. Schindel, Philip W. Variety Stores Ass'n, Inc., 1441 Broadway, New York 18, N. Y.

Distributors

1. Freedman, Ephraim, Macy's, Herald Square, New York (Representing National Retail Merchants Association.)
2. Ferrier, Wallace, Mutual Buying Syndicate, Inc., 11 W. 42nd St., N. Y. 36, N. Y. (Representing Boys' Apparel Buyers' Association.)

Consumers

1. Hatch, Herbert H., Pres., Hatch Textile Research, Inc., 25 E. 26th St., N. Y. 10, N. Y.
2. Strahan, Hazel B., College of Home Economics, Michigan State University, East Lansing, Mich.
3. Shinn, Prof. Wm. E., School of Textiles, North Carolina State College, Raleigh, N. C.

Yarn Supplier

1. Spain, Robert E., Textile Fibers Dept., E. I. duPont deNemours, Inc., Wilmington, Del.

14. ACCEPTORS

14.1 The manufacturers, distributors, users and others listed below have individually indicated in writing their acceptance of this Commercial Standard prior to its publication. The acceptances indicate an intention to utilize the standard as far as practicable, but reserve the right to depart from it as may be deemed desirable. The list is published to show the extent of recorded public support for the standard, and should not be construed as indicating that all products made by the acceptors actually comply with its requirements.

14.2 Products that meet all requirements of the standard may be identified as such by a certificate, grade mark, or label. Purchasers are encouraged to require such specific evidence of compliance, which may be given by the manufacturer whether or not he is an acceptor.

ASSOCIATIONS

(General Support)

The Boy's Apparel Buyers' Association, Inc.,
New York, N. Y.
National Association of Hosiery Manufacturers,
Inc., Charlotte, N. C.
National Retail Merchants Association, New
York, N. Y.

FIRMS AND OTHER INTERESTS

Acclaim Hosiery Mills, Inc., High Point, N. C.
Adams-Mills Corp., High Point, N. C.
University of Alabama, Auburn, Ala.
The Alden Mills, New Orleans, La.
Amos Hosiery Mills, Inc., High Point, N. C.
Arkwright, Inc., New York, N. Y.
Athens Hosiery Mills, Inc., Athens, Tenn.
Charles H. Bacon Co., Inc., Lenoir City, Tenn.
Bacon-Scott Division, New York, N. Y.
Isaac Baker & Son, Erie, Pa.
Baker-Cammack Hosiery Mills, Inc., Bur-
lington, N. C.
Barber Hosiery Mills, Inc., Mount Airy, N. C.
Bedington Hosiery Mill, Inc., Hickory N. C.
Belk Stores Services, Incorporated, Charlotte
1, N. C.
Belmont Hosiery Mills, Inc., Belmont, N. C.
Blackstone Hosiery Mills, Inc., Thomasville,
N. C.
Bonded Knit, Inc., Mohnton, Pa.
Bothwell Mills, Inc., Newton, N. C.
Browns Hosiery Mills, Inc., Burlington, N. C.
Burk-Ley's, Upper Darby, Pa.
Burlington Hosiery Company, Division of Bur-
lington Industries, Inc., Burlington, N. C.
Busher Hosiery Mills, Inc., Denton, N. C.
Camp and McInnis, Inc., Reading, Pa.
Candor Hosiery Mill, Candor, N. C.
Catawba Hosiery Mills, Inc., Catawba, N. C.
Chancellor Hosiery Mills, Inc., Reading, Pa.
Charleston Hosiery Mills, Cleveland, Tenn.
Childers Hosiery Mill, Inc., Hildebran, N. C.
Chipman La Crosse Hosiery Mills, East Flat
Rock, N. C.
Clayton Hosiery Mills, Inc., Lowell, Mass.
Cobble Muse Hosiery Mills, Inc., Chattanooga
4, Tenn.
Codus Hosiery Co., York, Pa.
Cole's Men's Wear, Battle Creek, Mich.
Com-Fo Hosiery Mills, Henderson, N. C.
Consos, Inc., Charlotte, N. C.
Continental Hosiery Mills, Inc., Henderson,
N. C.
Coopers Inc., Kenosha, Wis.
Crescent Hosiery Mills, Niota, Tenn.
Crown Hosiery Mills, Inc., High Point, N. C.
Daddy Junior Shop, Columbia, S. C.
Danville Knitting Mills, Inc., Danville, Va.
Deane's Apparel, Aberdeen, Md.
The Denver Dry Goods Company, Denver, Colo.
d'Orsay Mills, Inc., Reading, Pa.
Dura-Tred Hosiery Mills Co., Inc., Burlington,
N. C.
Drexel Knitting Mills Company, Inc., Drexel,
N. C.
E. I. duPont deNemours & Company, Inc.,
Wilmington, Del.
Elliott Hosiery Mills, Hickory, N. C.
Ellis Hosiery Mills, Inc., Hickory, N. C.
Excel Hosiery Mills, Union, S. C.
Fandel Co., St. Cloud, Minn.
Fleetwood Hosiery, Inc., Reading, Pa.
Fort Payne Hosiery Mills, Inc., Fort Payne,
Ala.
The Fox River Valley Knitting Company, Ap-
pleton, Wis.
Fowler, Dick and Walker, Wilkes-Barre, Pa.
H. Frelander Co., Wooster, Ohio
Fuhrman Bros. Dept. Store, New York, N. Y.

G & H Hosiery Co., Inc., Hickory, N. C.
 Gann Hosiery Mills Company, Durham, N. C.
 Glicksons, Devils Lake, N. Dak.
 Grace Hosiery Mills, Inc., Burlington, N. C.
 Granite Hosiery Mills, Inc., Mt. Airy, N. C.
 W. T. Grant Co., New York, N. Y.
 Great American Knitting Mills, Inc., Bechtelsville, Pa.

Halifax County Hosiery Mills, Scotland Neck, N. C.
 Hamblen Hosiery Mills, New York, N. Y.
 Handcraft Company, Inc., Princeton, Wis.
 Harris-Marshall Hosiery Mills, Inc., Galax, Va.
 Harriss & Covington Hosiery Mills, Inc., High Point, N. C.
 Hatch Textile Research, Inc., New York, N. Y.
 Heathcote Hosiery Company, New York, N. Y.
 Hecht Co.—Washington, Washington, D. C.
 Heist-McCain Hosiery Corporation, Rockwell, N. C.
 Hochschild Kohn & Co., Baltimore, Md.
 Holgood Hosiery Mills, Hickory, N. C.
 Hope Hosiery Mills, Adamstown, Pa.
 Hosecrafters Inc., Thomasville, N. C.
 Hosiery Sales, Inc., New York, N. Y.
 Hutzler Brothers Co., Baltimore, Md.

Infants Socks, Inc., Fond du Lac, Wis.
 Interwoven Stocking Company, Martinsburg, W. Va.
 Irving Knitting Mills, Inc., Lexington N. C.

J. B. Ivey & Co., Charlotte, N. C.
 Johnson Hosiery Mills, Inc., Hickory, N. C.

K. W. Knitting Mills, Inc., Mohnton, Pa.
 Kale Knitting Mills, Inc., Mebane, N. C.
 Kansas State University, Manhattan, Kans.
 Kaps Men's & Boys Shop, Lawrence, Mass.
 Kayser-Roth Corporation, New York, N. Y.
 Knit-Sox Knitting Mills, Inc., Hickory, N. C.

LaFayette Hosiery Mills, Inc., LaFayette, Ga.
 J. W. Landenberger & Co., Philadelphia, Pa.
 Lea-Wayne Knitting Mills Inc., Morristown, Tenn.
 Wm. G. Leininger Knitting Company, Mohnton, Pa.
 Lill's Children's Shops, Inc., W. Hyattsville, Md.
 Lynne Hosiery Mills, Inc., Mt. Airy, N. C.
 R. H. Macy & Co., Inc., New York, N. Y.
 Magnolia Mills, Inc., Meridian, Miss.
 Marum Knitting Mills, Inc., Lawrence, Mass.
 Mauney Hosiery Mills, Inc., Kings Mountain, N. C.
 May-D & F, Denver, Colo.
 Melrose Hosiery Mills, Inc., High Point, N. C.
 Merchandise Research Laboratories, Phila., Pa.
 Merrimac Knitting Mills, Inc., Franklin, N. H.
 Michigan State University, College of Home Economics, East Lansing, Mich.
 Midway Hosiery Mill, Inc., Hickory, N. C.
 Moretz Hosiery Mills, Inc., Newton, N. C.
 Murphy Hosiery Mills, Inc., Graham, N. C.

Muskingum College, New Concord, Ohio
 Mutual Buying Syndicate, Inc., New York, N. Y.

Narelson Bros., Inc., Elizabeth, N. J.
 Nathan's Store for Men & Boys, Winchester, Ky.
 Nelson Knitting Company, Rockford, Ill.
 Norris Hosiery Mills, Inc., Bell Buckle, Tenn.
 Northwestern University, Home Economics Department, Evanston, Ill.

Oshkosh Continental Company, Oshkosh, Wis.

Parker Hosiery Mills, Old Fort, N. C.
 Paul Knitting Mills, Inc., Pulaski, Va.
 Penn Hosiery Mills, Inc., Reading, Pa.
 Pine Hosiery Mills, Inc., Star, N. C.
 Pitman Hosiery Mills, Inc., Liaconia N. H.
 Polskys, Akron, Ohio
 Portage Hosiery Company, Portage, Wis.
 Princeton Hosiery Mills, Inc., Princeton, Ky.
 Princeton Prep, Inc., Birmingham, Mich.

Rabbit Hallow Knitting Co., Northfield, Vt.
 Ragan Knitting Co., Inc., Thomasville, N. C.
 Renfro Hosiery Mills Co., Mt. Airy, N. C.
 Richmond Hosiery Mills, Rossville, Ga.
 Ripon Knitting Works, Ripon, Wis.
 Rockford Textile Mills, Inc., McMinnville, Tenn.
 Runny Mede Mills, Inc., Tarboro, N. C.
 Russell Hosiery Mills, Inc., Star, N. C.
 Rutledge Knitting Mills, Rutledge, Tenn.

Sanda Hosiery Mills, Inc., Cleveland, Tenn.
 Sanders Hosiery Mills, Inc., Burlington, N. C.
 Sadler Hosiery Mills, Inc., Pulaski, Va.
 Sandy's Stores, Inc., W. Roxbury, Mass.
 Sartler's, Inc., Buffalo, N. Y.
 Sears, Roebuck and Co., Chicago, Ill.
 Shadowbrook Hosiery Mills, Inc., Burlington, N. C.
 Shamrock Knitting Mills, Inc., Marietta, Ga.
 W. Y. Shugart & Sons, Inc., Fort Payne, Ala.
 Sibley, Lindsey & Curr Co., Rochester, N. Y.
 Singer Hosiery Mills, Inc., Thomasville, N. C.
 Sisson's, Binghamton, N. Y.
 Slane Hosiery Mills, Inc., High Point, N. C.
 Softspun Knitting Mills, Inc., Henderson, N. C.
 Sokol's Inc., Bessemer, Ala.
 Soule, Mrs. Lois A., University of Vermont, Burlington, Vt.
 Southern Hosiery Mill, Inc., Hickory, N. C.
 Spalding Knitting Mills, Griffin, Ga.
 Sport Wear Hosiery Mills, Inc., Etowah, Tenn.
 Steinbeck's, Greenville, N. C.
 Straus Clo. Co., Valley City, N. Dak.
 Sweetwater Hosiery Mills, Sweetwater, Tenn.

Tepper's, Plainfield, N. J.
 Thorneburg Hosiery Mill, Statesville, N. C.
 Tip-Top Hosiery Mills, Inc., Asheboro, N. C.
 Tip Top Tailors, Ltd., Toronto, Ont., Canada
 Triangle Hosiery Company, Inc., High Point, N. C.
 Tricnit Hosiery Mills, Inc., New Ipswich, N. H.

Unique Knitting Company, Acworth, Ga.

Village Prep Shop, Little Silver, N. J.
Vogue Hosiery Mills, Inc., Oxford, N. C.
Vogue Shop, Inc., Springfield, Ohio

Waldensian Hosiery Mills, Inc., Valdese, N. C.
Walker's, Inc., Canton, Ohio
C. A. Warner, Inc., Fleetwood, Pa.
Weinstock-Lubin & Company, Sacramento,
Calif.
Western Michigan University, Kalamazoo,
Mich.
Whisnant Hosiery Mills, Inc., Hickory, N. C.

Wigwam Mills, Inc., Sheboygan, Wis.
The Winsted Hosiery Company, Winsted, Conn.
Wrenn Hosiery Co., Thomasville, N. C.
Wright Knit Hosiery Mills, Inc., Burlington,
N. C.

Yorkshire Hosiery Corp., Reading, Pa.

U. S. GOVERNMENT

Department of Health, Education and Wel-
fare
Veterans Administration

CS234-61

ACCEPTANCE OF COMMERCIAL STANDARD

Measurements for Stretch Socks and Anklets

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this Commercial Standard.

Date _____

Commodity Standards Division
Office of Technical Services
U. S. Department of Commerce
Washington 25, D. C.

Gentlemen:

We believe that this Commercial Standard constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production¹ distribution¹ purchase¹ testing¹
of this commodity.

We reserve the right to depart from the standard as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer _____
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer _____

Organization _____

(Fill in exactly as it should be listed)

Street address _____

City, zone, and State _____

¹ Underscore the applicable words. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interest, trade associations, trade papers, etc., desiring to record their general support, the words "General support" should be added after the signature.

(Cut on this line)

TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial Standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of Commercial Standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the standard, where practicable, in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function, performed by the Department of Commerce in the voluntary establishment of Commercial Standards on a nationwide basis is fourfold: First, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active, valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.