

JUL 27 1937

CS39-37

Blankets, Wool and Part-Wool

UNITED STATES DEPARTMENT OF COMMERCE

DANIEL C. ROPER, Secretary

NATIONAL BUREAU OF STANDARDS

LYMAN J. BRIGGS, Director

**WOOL AND PART-WOOL BLANKETS**  
(SECOND EDITION)

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COMMERCIAL STANDARD CS39-37

Supersedes CS39-32

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Effective as a basis for labeling from May 27, 1937



A RECORDED STANDARD OF THE INDUSTRY

UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1937

PROMULGATION  
of  
COMMERCIAL STANDARD CS39-37  
for  
WOOL AND PART-WOOL BLANKETS  
(Second Edition)

On March 11, 1932, a general conference of representative manufacturers, distributors, and users of wool and part-wool blankets adopted a recommended commercial standard for the labeling of this commodity as to fiber content, which was subsequently accepted by the industry and promulgated as Commercial Standard CS39-32. A supplement to this standard covering size of type to be used in advertising wool and part-wool blankets became effective August 15, 1933.

A revision of the standard recommended by the standing committee to include the supplement and to cover specifically camp blankets, automobile robes, steamer rugs, and similar articles, has since been accepted by the industry and approved for promulgation by the U. S. Department of Commerce, through the National Bureau of Standards. This standard is shown herein.

The standard is effective as a basis for labeling from May 27, 1937.

Promulgation recommended.

I. J. Fairchild,  
*Chief, Division of Trade Standards.*

Promulgated.

Lyman J. Briggs,  
*Director, National Bureau of Standards.*

Promulgation approved.

Daniel C. Roper,  
*Secretary of Commerce.*

# WOOL AND PART-WOOL BLANKETS

(Second Edition)

## COMMERCIAL STANDARD CS39-37

### PURPOSE

1. The purpose is to provide standard methods of labeling wool and part-wool blankets, including wool and part-wool camp blankets, automobile robes, steamer rugs, and similar articles, in order to protect the interests of the manufacturer, distributor, and user by means of an open understanding on the significance of label wording and tolerances on the amount of wool contained in a finished blanket.

### SCOPE

2. This standard defines terms used to describe the fiber content of blankets if represented in any way to be made wholly or in part of wool; regulates the sizes of type to be used in describing the fiber content of part-wool blankets; provides methods of test for determining the percentage by weight of the total fiber content represented by wool fibers therein in cases where the buyer and seller do not agree on method; and illustrates the manner by which manufacturers and distributors may guarantee compliance with the commercial standard.

### GENERAL REQUIREMENTS

3. The requirements given herein are applicable to finished blankets as delivered by the manufacturers.

4. Each wool percentage in paragraph 6 means the percentage of wool in the entire blanket and not in the filling alone. (This statement is not to appear on the labels or tickets used in connection with wool and part-wool blankets.)

### DETAILED REQUIREMENTS

#### STANDARD PERCENTAGES OF WOOL CONTENT

5. No finished blanket containing less than 5 percent of wool by weight of the total fiber content shall carry the word "Wool" in any form.

6. Blankets labeled with the word "Wool" in any form and containing:

6 (a). Between 5 and 25 percent of wool by weight of the total fiber content shall be labeled "Part Wool, Not Less Than 5 Percent Wool."

6 (b). More than 25 percent of wool by weight of the total fiber content shall be labeled with the guaranteed (minimum) wool content, in percentage.

6 (c). Above 98 percent of wool by weight of the total fiber content shall be labeled "All Wool."

#### TYPE SIZE

7. "Part Wool, Not Less Than 5 Percent", etc., when used in the advertising on tickets shall appear in not less than 18-point type. (Bold-face capital letters one-fourth inch high, not condensed.)

8. In advertising part-wool blankets where the word "Wool" or the words "Part Wool" are used in any form, the phrase "Not Less Than -- Percent Wool" shall be shown in the same size, style, and legibility of type as the words "Part Wool" and shall follow immediately after the words "Part Wool", or be set up within three consecutive lines in the following order and relative position:

"Part-Wool

#### BLANKETS

Not Less Than -- Percent Wool"

except in the following instances:

8 (a). When the words "Part Wool" are shown in larger than 18-point type, the phrase "Not Less Than -- Percent Wool" shall in no case be shown in less than 18-point type, and in no case in less than one-third the type size of the phrase "Part Wool."

8 (b). When the words "Part Wool" are shown in smaller than 18-point type, the phrase "Not Less Than -- Percent Wool" shall always be in not less than the same size and be set in the same style of type as the words "Part Wool."

#### METHODS OF TEST

9. In the event of disagreement between the buyer and the seller as to the method of test to determine the amount of wool in the finished blanket, the test methods in use and approved by the National Bureau of Standards shall be used.

#### LABELING

10. In order that the consumer may become familiar with the significance of the terms herein defined, blankets correctly labeled in conformity with this standard may be accompanied by a certificate, tag, card, or other label incorporating the following wording:

The ----- guarantees that this blanket is marked for fiber content in strict accordance with Commercial Standard CS39-37, as issued by the National Bureau of Standards, of the U. S. Department of Commerce.

#### EFFECTIVE DATE

The standard is effective as a basis for labeling from May 27, 1937.



**STANDING COMMITTEE**

The following comprises 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 Division of Trade Standards, National Bureau of Standards, which acts as secretary for the committee.

A. L. BUTLER (chairman), Chatham Manufacturing Co., Winston-Salem, N. C.  
ROBERT AMORY, Nashua Manufacturing Co., 48 Franklin Street, Boston, Mass.  
T. L. BLANKE, National Retail Dry Goods Association, 101 West 31st Street, New York, N. Y.

FLINT GARRISON, Wholesale Dry Goods Institute, 40 Worth Street, New York, N. Y.

JOHN N. HATFIELD, Pennsylvania Hospital, 8th and Spruce Streets, Philadelphia, Pa.

MRS. WM. J. LAVARRE, SR., General Federation of Women's Clubs, 1215 Emerson Street NW., Washington, D. C.

PAULINE BEERY MACK, Pennsylvania State College, State College, Pa.

STEPHEN C. OWEN, Beacon Manufacturing Co., 180 Madison Avenue, New York, N. Y.

BENJAMIN M. WEISS, Dey Bros. & Co., Syracuse, N. Y.

**HISTORY**

In response to the widespread demand for information relative to the amount of wool in a part-wool blanket, the National Retail Dry Goods Association on October 27, 1931, requested the cooperation of the National Bureau of Standards in the establishment of a commercial standard covering a description of terms to be used in advertising and labeling wool and part-wool blankets as to wool content. Accordingly, a recommended standard as approved at a general conference on November 20, 1931, was circulated to the industry for acceptance on December 16, 1931.

It soon became apparent, however, that the manufacturers were not entirely satisfied with the standard recommended by that general conference and wished to offer as a substitute a proposed standard developed by their group. Therefore, on January 12, 1932, the manufacturers, through their representative, Robert Amory, requested the cooperation of the National Bureau of Standards in the establishment of a commercial standard covering their proposal.

Agreeable to this request, a preliminary conference of blanket manufacturers was held in New York City on February 10, 1932, at which the manufacturers' proposed standard was unanimously approved with the recommendation that it be presented to a second general conference. At this second general conference of manufacturers, distributors, and users of blankets held on March 11, 1932, the proposed standard developed and endorsed by the manufacturers was approved.

On March 30, 1932, the recommended commercial standard was circulated to the industry for acceptance, and on June 11, 1932, the National Bureau of Standards announced the success of the project. It became effective as a basis for advertising and labeling from December 31, 1932.

**SUPPLEMENT**

A supplement to the commercial standard covering the sizes of type to be used in advertising part-wool blankets, adopted by industry, became effective August 15, 1933.

**REVISION**

A revision of the standard incorporating the Supplement was undertaken chiefly to include camp blankets, automobile robes, steamer rugs, and similar articles. This standard as approved by the standing committee was circulated to all interested for acceptance on March 1, 1937. Announcement of the success of the project was issued on May 27, 1937.

## ACCEPTANCE OF COMMERCIAL STANDARD

This sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date\_\_\_\_\_

Division of Trade Standards,  
National Bureau of Standards,  
Washington, D. C.

Gentlemen:

Having considered the statements on the reverse side of this sheet, we accept the Commercial Standard CS39-37 as our standard of practice in the

Production <sup>1</sup>

Distribution <sup>1</sup>

Use <sup>1</sup>

of Wool and Part-Wool Blankets.

We will assist in securing its general recognition and use, and will cooperate with the standing committee to effect revisions of the standard when necessary.

Signature\_\_\_\_\_

(Kindly typewrite or print the following lines)

Name and title\_\_\_\_\_

Company\_\_\_\_\_

(Fill in exactly as it should be listed in pamphlet)

Street address\_\_\_\_\_

City and State\_\_\_\_\_

<sup>1</sup> Please designate which group you represent by drawing lines through the other two. Please file separate acceptances for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade papers, colleges, etc., desiring to record their general approval, the words "in principle" should be added after the signature.

## 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 the industry. 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 industry 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 commercial 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 Nation-wide basis is fourfold; first, to act as an unbiased coordinator to bring all branches of the industry 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 companies representing a satisfactory majority of production, the success of the project is announced. If, however, in the opinion of the standing committee of the industry or the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.



## ACCEPTORS

The individuals and organizations listed below have indicated in writing acceptance of this specification as their standard of practice in describing the wool content of wool and part-wool blankets. Such endorsement does not signify that producers and distributors so listed guarantee all of their blankets to be labeled in conformity with the requirements of the standard, although it is expected that, except in special and justifiable cases, they will be so labeled.

### ASSOCIATIONS

American Home Economics Association, Washington, D. C. (In principle.)  
 American Hospital Association, Committee on Simplification and Standardization of Hospital Furnishings, Supplies and Equipment, Brooklyn, N. Y.  
 American Hotel Association of United States and Canada, New York, N. Y. (In principle.)  
 American Protestant Hospital Association, Cincinnati, Ohio.  
 American Sanatorium Association, Committee on Sanatorium Standards, New York, N. Y.  
 Boy Scouts of America, New York, N. Y.  
 Cleveland Hospital Council, The, Cleveland, Ohio.  
 Dry Goods Alliance, Inc., The, New York, N. Y. (In principle.)  
 General Federation of Women's Clubs, Standardization Committee, Clarksburg, W. Va. (In principle.)  
 Harvard Cooperative Society, Cambridge, Mass.  
 Indiana Hospital Association, Evansville, Ind.  
 Laundryowners National Association of United States and Canada, Joliet, Ill. (In principle.)  
 National Association of Wool Manufacturers, New York, N. Y.  
 National Association of Woolen and Worsted Overseers, Holyoke, Mass.  
 National Council of Women, Belmont, Mass.  
 Wholesale Dry Goods Institute, New York, N. Y.  
 Youngstown Hospital Association, The, Youngstown, Ohio.

### FIRMS

Abraham & Strauss, Inc., Brooklyn N. Y.  
 Allied Stores Corporation, New York, N. Y.

Alpena Woolen Mills, Alpena, Mich.  
 Amana Society, Amana, Iowa.  
 American Wool Handbook Co., New York, N. Y. (In principle.)  
 American Woolen Co., Inc., New York, N. Y.  
 Anderson Newcomb Co., Huntington, W. Va.  
 Angora Journal, Portland, Oreg.  
 Arizona, University of, Tucson, Ariz.  
 Aruco Mills, Newnan, Ga.  
 Ayers & Co., L. S., Indianapolis, Ind.  
 Ayers & Sons, Inc., Wm., Philadelphia, Pa.  
 Bacon & Sons Co., J., Louisville, Ky.  
 Barlin & Silver, Inc., Seattle, Wash.  
 Barnard-Sumner & Putnam Co., Worcester, Mass.  
 Barnett Woolen Mills Co., I., Milwaukee, Wis.  
 Baron Woolen Mills, Brigham City, Utah.  
 Barron Co., E. R., Lacrosse, Wis.  
 Bauch, Estelle, Ypsilanti, Mich. (In principle.)  
 B & B Stores, Inc., Logansport, Ind.  
 Beacon Manufacturing Co., Swannanoa, N. C.  
 Bemidji Woolen Mills, Bemidji, Minn.  
 Better Fabrics Testing Bureau, New York, N. Y.  
 Binder Co., F. W., Detroit, Mich. (In principle.)  
 Black Dry Goods Co., The, James, Waterloo, Iowa.  
 Blass Co., Gus, Little Rock, Ark.  
 Blatt Co., M. E., Atlantic City, N. J.  
 Boggs & Buhl, Pittsburgh, Pa.  
 Bon Marché, Seattle, Wash.  
 Bon Marché Dry Goods Co., The, Lowell, Mass.  
 Boston Better Business Bureau, Boston, Mass. (In principle.)  
 Boston Store (The Herzfeld-Phillipson Co.), Milwaukee, Wis.  
 Bower Mill, Inc., The, Lewiston, Maine.  
 Bowman & Co., Harrisburg, Pa.  
 Bradley & Co., W. W., Delavan, Wis.  
 Bradshaw-Diehl Co., Huntington, W. Va.

- Brett Co., Geo. E., Mankato, Minn.  
 Breuner Co., John, Oakland, Calif.  
 Bright Co., J. C., Lansford, Pa.  
 Broadalbin Knitting Co., Ltd., Broadalbin, N. Y.  
 Broadway Department Store, Los Angeles, Calif.  
 Brown Co., Ray N. L., Caribou, Maine.  
 Brunschwig & Co., Inc., Felix (The White House), El Paso, Tex.  
 Bry-Block Mercantile Corporation, Memphis, Tenn.  
 Bryson Co., A., Ware, Mass.  
 Buffalo Better Business Bureau, Buffalo, N. Y.  
 Bullock's, Inc., Los Angeles, Calif. (In principle.)  
 Busby, Mrs. R. A., Des Moines, Iowa.  
 Bush & Bull Corporation, Bethlehem, Pa.  
 Bush Woolen Mills Co., Dresden, Ohio.  
 Butler Brothers, Chicago, Ill.  
 Caldwell Store, The, Washington, Pa.  
 California, University of, Berkeley, Calif. (In principle.)  
 Cameron, Lawton, Okla.  
 Carson, Pirie, Scott & Co., Chicago, Ill.  
 Chase & Co., Inc., L. C. (Troy Blanket Mills Division), New York, N. Y.  
 Chatham Manufacturing Co., Winston-Salem, N. C.  
 Cherington & Ropes, New York, N. Y. (In principle.)  
 Chicago Better Business Bureau, Chicago, Ill. (In principle.)  
 Chicago Mail Order Co., Chicago, Ill.  
 City of Paris Dry Goods Co., San Francisco, Calif.  
 Cleland-Simpson Co., Scranton, Pa.  
 Cohen Brothers, Jacksonville, Fla.  
 Colonial Woolen Mills Co., The, Cleveland, Ohio.  
 Connecticut State Prison, Wethersfield, Conn.  
 Conwell & Co., E. L., Philadelphia, Pa.  
 Corcoran & Co., Inc., J. H., Cambridge, Mass.  
 Cornell University, College of Home Economics, Ithaca, N. Y.  
 Cowan & Hunt, Inc., Sault Ste. Marie, Mich.  
 Coyle & Richardson, Inc., Charleston, W. Va.  
 Crowley Milner & Co., Detroit, Mich.  
 Cumberland Gap Woolen Mills, Harri-man, Tenn.  
 Dallas Laboratories, The, Dallas, Tex. (In principle.)  
 Delaware, Women's College, University of, Newark, Del. (In principle.)  
 Denver Dry Goods Co., Denver, Colo.  
 Detroit Testing Laboratory, The, Detroit, Mich. (In principle.)  
 Dey Brothers & Co., Syracuse, N. Y.  
 Dodge-Davis Manufacturing Co., Bristol, N. H.  
 Dominion Commission Co., New York, N. Y.  
 Draper, Inc., W. E., Yakima, Wash.  
 Duluth Glass Block Store, Duluth, Minn.  
 East Central State Teachers College (Oklahoma), Ada, Okla. (In principle.)  
 Eavenson & Levering Co., Camden, N. J. (In principle.)  
 Egger-Sisson, Inc., Columbus, Miss.  
 Eloise Hospital, Eloise, Mich.  
 Emporium, The, San Francisco, Calif.  
 Enterprise, The, Waukesha, Wis.  
 Esmond Mills, The, Esmond, R. I.  
 Eugene Woolen Mill Co., Eugene, Oreg.  
 Eureka Woolen Mills, Eureka, Calif.  
 Fair, The, Chicago, Ill.  
 Fandel Co., St. Cloud, Minn.  
 Faribault Woolen Mill Co., Faribault, Minn.  
 Fashion Co., The, Columbus, Ohio.  
 Field & Co., Marshall, New York, N. Y.  
 Flint & Kent, Buffalo, N. Y.  
 Forbes & Son, John, Homestead, Pa.  
 Freedlander & Co., H., Wooster, Ohio.  
 Freund, Peter, North Bergen, N. J.  
 Fries & Schuele Co., The, Cleveland, Ohio.  
 Gable Co., The William F., Altoona, Pa.  
 Galveston Laboratories, Galveston, Tex.  
 Garfinckel & Co., Julius, Washington, D. C.  
 Garner-Alvis Co., Brownwood, Tex.  
 Gartner's Department Store, Castle Shannon, Pa.  
 Garvan & Co., M. T., Lancaster, Pa.  
 General Testing Laboratories, Inc., Detroit, Mich.  
 Genung's Merchandise Corporation, New York, N. Y.  
 Gertz, Inc., B., Jamaica, N. Y.  
 Gibboney Co., Inc., T. F., Reedsville, Pa.  
 Gilchrist Co., The, Boston, Mass.  
 Gimbel Brothers, New York, N. Y.  
 Golden Rule, The, St. Paul, Minn.  
 Goldenberg Co., The, Washington, D. C.  
 Goldstein-Migel Co., Waco, Tex.  
 Grant, Inc., Gail G., Painesville, Ohio.  
 Grant Co., W. T., New York, N. Y.  
 Grosvenor Laboratories, Inc., Wm. M., New York, N. Y. (In principle.)  
 Hackley Hospital, Muskegon, Mich.  
 Hager & Bro., Inc., Lancaster, Pa.  
 Hale Brothers, Sacramento, Calif.  
 Hale Brothers Stores, Inc., San Jose, Calif.  
 Halle Brothers Co., The, Canton and Cleveland, Ohio. (In principle.)  
 Harris Co., The, San Bernardino, Calif.  
 Harris & Co., A., Dallas, Tex.  
 Hart & Son Co., L., San Jose, Calif.  
 Hatch Textile Research, Inc., New York, N. Y. (In principle.)  
 Heer Stores Co., The, Springfield, Mo.  
 Hengerer Co., Wm., Buffalo, N. Y.  
 Hermes Co., J. W., New York, N. Y.

- Herron Co., The James H., Cleveland, Ohio. (In principle.)  
 Heyma, J. S., Los Angeles, Calif.  
 High Co., J. M., Atlanta, Ga.  
 Hill Co., Inc., M. Flossie, Fort Meyers, Fla.  
 Hill Co., Web, Rapid City, S. Dak.  
 Hills, McLean & Haskins, Binghamton, N. Y.  
 Hink & Son, J. F., Berkeley, Calif.  
 Hochstadter Laboratories, Inc., New York, N. Y. (In principle.)  
 Holmes Co., Ltd., D. H., New Orleans, La.  
 Horne Co., Joseph, Pittsburgh, Pa.  
 Hospital Bureau of Standards and Supplies, Inc., New York, N. Y.  
 Hotel Bannock Co., Pocatello, Idaho.  
 Houston, Better Business Bureau of, Houston, Tex. (In principle.)  
 Houston Textile Co., Houston, Tex.  
 Howland-Hughes Co., The, Waterbury, Conn.  
 Huyck & Sons, F. C. (Kenwood Mills), Rensselaer, N. Y.  
 Illinois State Penitentiary, Joliet, Ill.  
 Indiana University, Bloomington, Ind. (In principle.)  
 Industrial By-Products and Research Corporation, Philadelphia, Pa. (In principle.)  
 Iowa State College, Ames, Iowa. (In principle.)  
 Israel Putnam Mills, Wilsonville, Conn.  
 Iszard Co., S. F., Elmira, N. Y.  
 Ivanhoe Blanket Co., North Oxford, Mass.  
 Jewish Hospital, The, Cincinnati, Ohio.  
 Joestling & Schilling Co., The, St. Paul, Minn.  
 Johnson's, Carbondale, Ill.  
 Joske Brothers, Co., San Antonio, Tex.  
 Kahn's, Oakland, Calif.  
 Kann Sons Co., S., Washington, D. C.  
 Kansas State College, Manhattan, Kans.  
 Kaufman Store, Inc., The, Richmond, Va.  
 Kaufmanns Department Stores, Inc., Pittsburgh, Pa.  
 Kerr Dry Goods Co., Oklahoma City, Okla.  
 Kilpatrick & Co., Thomas, Omaha, Nebr.  
 Kresge Co., S. S., Detroit, Mich.  
 Kresge Department Store, Newark, N. J.  
 Kuenzel Mills Co., The, New Bremen, Ohio.  
 Lansburgh & Brother, Washington, D. C.  
 LaWall & Harrison, Philadelphia, Pa.  
 Lazarus Co., F. & R., Columbus, Ohio.  
 Leaksville Woolen Mills, Inc., The, Charlotte, N. C.  
 Lebanon Woolen Mills, Lebanon, Tenn.  
 Leiter Brothers, Hagerstown, Md.  
 Lewis & Co., Champaign, Ill.  
 Libbey Co., W. S., Lewiston, Maine.  
 Liberty House, The, Honolulu, Hawaii.  
 Lipman, Wolfe & Co., Portland, Oreg.  
 Little, Inc., Arthur D., Cambridge, Mass. (In principle.)  
 Long Beach, Better Business Bureau of, Long Beach, Calif. (In principle.)  
 Maas Laboratories, Arthur R., Los Angeles, Calif.  
 Macy & Co., Inc., R. H., New York, N. Y.  
 Maine State Normal School, Farmington, Maine. (In principle.)  
 Malbin & Sons Co., J. H., Mount Clemens, Mich.  
 Malley Co., The Edward, New Haven, Conn.  
 Mammoth Department Store, The, Shawnee, Okla.  
 Manetta Mills, Lando, S. C.  
 Mansmann Co., Albert J., Pittsburgh, Pa.  
 Marston Co., San Diego, Calif.  
 Maryland Farm Bureau Wool Pool, Inc., Baltimore, Md.  
 Massachusetts State College, Amherst, Mass. (In principle.)  
 May Co., The, Cleveland, Ohio.  
 Maywald, Frederick J., Carlstadt, N. J.  
 McBrides, Inc., Galveston, Tex.  
 McCurdy & Co., Inc., Rochester, N. Y.  
 McCutcheon & Co., James, New York, N. Y.  
 Mead Co., The Charles N., Greenwich, Conn.  
 Meier & Frank Co., Portland, Oreg.  
 Menninger Sanitarium Corporation, The Topeka, Kans.  
 Merrill Woolen Mills Co., Merrill, Wis.  
 Michigan State College, East Lansing, Mich. (In principle.)  
 Miles, George W., Boston, Mass. (In principle.)  
 Miller Hospital, Inc., The, Chas. T., St. Paul, Minn.  
 Miller & Paine, Lincoln, Nebr.  
 Milwaukee Hospital, Milwaukee, Wis.  
 Mine Safety Appliances Co., Pittsburgh, Pa.  
 Miner Laboratories, The, Chicago, Ill. (In principle.)  
 Missoula Mercantile Co., Missoula, Mont.  
 Montana State College, Bozeman, Mont. (In principle.)  
 Montana, State University of, Missoula, Mont. (In principle.)  
 Montgomery Ward & Co., Chicago, Ill.  
 Monticello Woolen Mill (D. Kennedy & Sons), Monticello, Wis.  
 Moore Co., Harry C., Nevada, Mo.  
 Moore & Sons, B. C., Wadesboro, N. C.  
 Muzzy Brothers Co., The, Bristol, Conn.  
 Nash & Co., F. C., Pasadena, Calif.  
 Nashua Manufacturing Co., Boston, Mass.  
 National Department Stores Management and Buying Corporation, New York, N. Y.



- Nebraska, University of, Lincoln, Nebr. (In principle.)
- Nebraska Hospital, University of, Omaha, Nebr.
- New Britain General Hospital, New Britain, Conn.
- New Hampshire, University of, Durham, N. H.
- New Orleans, Inc., Better Business Bureau of, New Orleans, La. (In principle.)
- New York State Teachers College, Buffalo, N. Y. (In principle.)
- New York Testing Laboratories, New York, N. Y.
- Nice, Paul S., Denver, Colo.
- Norfolk Testing Laboratories, Inc., Norfolk, Va. (In principle.)
- North American Knitting Co., Mansfield, Ohio.
- North Dakota State Teachers College, Home Economics Department, Valley City, N. Dak. (In principle.)
- North Star Woolen Mill Co., Minneapolis, Minn.
- Northern Woolen Co., Fergus Falls, Minn.
- O'Connor, Moffatt & Co., San Francisco, Calif.
- Oklahoma College for Women, Chickasha, Okla. (In principle.)
- Orange Memorial Hospital, Orange, N. J.
- Oregon, University of, Department of Home Economics, Eugene, Ore. (In principle.)
- Original Utah Woolen Mills, Salt Lake City, Utah.
- Orthmann Laboratories, Inc., The, Milwaukee, Wis. (In principle.)
- O. S. & S. O. Home, Xenia, Ohio. (In principle.)
- O'Shea Department Store, Dennis, Laconia, N. H.
- Outdoor Life Magazine, New York, N. Y. (In principle.)
- Paris Woolen Mills, Stayton, Ore.
- Parke Snow, Inc., Waltham, Mass.
- Patterson & Son, C. W., Findlay, Ohio.
- Patzig Testing Laboratories, Des Moines, Iowa.
- Pearce Manufacturing Co., Latrobe, Pa.
- Pease Laboratories, Inc., New York, N. Y.
- Peck Co., B., Lewiston, Maine.
- Peerless Woolen Mills, Inc., Rossville, Ga.
- Pelletier's, Inc., Sioux City, Iowa.
- Penn Traffic Co., Johnstown, Pa.
- Pennsylvania, Commonwealth of, Bureau of Standards, Department of Property and Supplies, Harrisburg, Pa.
- Pennsylvania Hospital, Philadelphia, Pa.
- Pennsylvania State College, State College, Pa. (In principle.)
- Pepperell Manufacturing Co., New York, N. Y.
- Pfeifer Brothers, Inc., Little Rock, Ark.
- Pittsburgh Mercantile Co., Pittsburgh, Pa.
- Pittsburgh, Y. M. C. A. of, Pittsburgh, Pa.
- Pomeroy's, Inc., Reading, Pa.
- Popular Dry Goods Co., El Paso, Tex.
- Porteous, Mitchell & Braun Co., Portland, Maine.
- Power Mercantile Co., Lewistown, Mont.
- Powers Mercantile Co., Minneapolis, Minn.
- Poz, Wm. Matthew, Westwood, N. J. (In principle.)
- Pullar, Robert Taft, New York, N. Y.
- Rayon Publishing Corporation, New York, N. Y. (In principle.)
- Reid & Hughes Co., The, Norwich, Conn.
- Rice Stix Dry Goods Co., St. Louis, Mo.
- Rike Kumler Co., The, Dayton, Ohio.
- Robinson Co., J. W., Los Angeles, Calif.
- Robinson Co., L. W., Battle Creek, Mich.
- Robinson & Sons Co., San Jose, Calif.
- Rockfall Woolen Co., Middletown, Conn.
- Roos Brothers, Inc., San Francisco, Calif.
- Rosenbaum Co. of Pittsburgh, Pittsburgh, Pa.
- Rucker-Rosenstock, Inc., Petersburg, Va.
- Sadtler & Son, Inc., Samuel P., Philadelphia, Pa.
- Sage-Allen & Co., Inc., Hartford, Conn.
- St. Cloud Woolen Mills Co., St. Cloud, Minn.
- St. Louis Sampling and Testing Works, Inc., St. Louis, Mo.
- St. Luke's Hospital, Cleveland, Ohio.
- St. Mary's Woolen Manufacturing Co., St. Marys, Ohio.
- San Francisco, The Y. M. C. A. of, San Francisco, Calif.
- Sanger Brothers, Inc., Dallas, Tex.
- Schear Co., Leo, Evansville, Ind.
- Schock's Store, Falls City, Nebr.
- Schramm Co., J. S., Burlington, Iowa.
- Schuster & Co., Inc., Ed, Milwaukee, Wis.
- Scott (Mrs.), Martha W., Bound Brook, N. J.
- Scruggs-Vandervoort-Barney, Inc., St. Louis, Mo.
- Sears, Roebuck & Co., Chicago, Ill.
- Seattle Tent & Awning Co., Seattle, Wash.
- Seymour Woolen Mills, Seymour, Ind.
- Sheehy Co., Thos. J., Phillips, Maine.
- Shuler & Benninghofen, Hamilton, Ohio.
- Silk Grading and Testing Laboratory, Inc., New York, N. Y. (In principle.)



- Silk and Rayon Digest, New York, N. Y. (In principle.)  
 Silverstein's, Inc., New Orleans, La.  
 Simmon's College, Boston, Mass. (In principle.)  
 Smith, H. E., White Plains, N. Y. (In principle.)  
 Smith, Emery & Co., San Francisco, Calif.  
 Smith-Murray Co., Bridgeport, Conn. (In principle.)  
 Smith & Welton, Inc., Norfolk, Va.  
 Smith & Winter Department Store, Lock Haven, Pa.  
 Snell, Inc., Foster D., Baltimore, Md. and Brooklyn, N. Y.  
 South Acton Woolen Co., South Acton, Mass. (In principle.)  
 Spiess Co., Joseph, Elgin, Ill.  
 Springfield Woolen Mills Co., The, Springfield, Tenn.  
 Stearns Co., R. H., Boston, Mass.  
 Steketee & Sons, Paul, Grand Rapids, Mich.  
 Stern Brothers, New York, N. Y.  
 Stevens, Fryberger & Co., Inc., Sheridan, Wyo.  
 Stillman & Van Sicken, Inc., New York, N. Y. (In principle.)  
 Stone & Thomas, Wheeling, W. Va.  
 Strasburger & Siegel, Baltimore, Md. (In principle.)  
 Stratton-Stricker, Waco, Tex.  
 Strauss & Co., Levi, San Francisco, Calif.  
 Stylist, The, Grand Rapids, Mich. (In principle.)  
 Susquehanna Woolen Co., New Cumberland, Pa.  
 Swern & Co., Trenton, N. J.  
 Taylor Dry Goods Co., John, Kansas City, Mo.  
 Taylor Son & Co., Wm., Cleveland, Ohio.  
 Tennessee, University of, Knoxville, Tenn.  
 Tennessee Woolen Mill Co., McMinnville, Tenn.  
 Textile Testing and Research Laboratories, New York, N. Y. (In principle.)  
 Thalhimers, Richmond, Va.  
 Thompson & Lichtner Co., Inc., The, Boston, Mass. (In principle.)  
 Titcher, Goettinger Co., Dallas, Tex.  
 Trask, Prescott & Richardson Co., Erie, Pa.  
 Troy Blanket Mills, Troy, N. H.  
 Tuerke Mercantile Co., The, Fort Dodge, Iowa.  
 United Hospital, Port Chester, N. Y.  
 Uphams (Ives, Upham & Rand Co.), Meriden, Conn.  
 Vancouver General Hospital, Vancouver, British Columbia, Canada.  
 Vaughan Woolen Mill, Willis, Va.  
 Vermont, University of, Burlington, Vt.  
 Virginia Polytechnic Institute, Blacksburg, Va. (In principle.)  
 Virginia State Teachers College, Harrisonburg, Va.  
 Wahl Co., Edward F., Duluth, Minn.  
 Wallace Woolen Mills, Detroit, Mich.  
 Walsh, W. H., Chicago, Ill.  
 Wanamaker, John, New York, N. Y.  
 Ware & Co., J. N., Helena, Ark.  
 Washburn College, Home Economics Department, Topeka, Kans. (In principle.)  
 Washington, University of, Seattle, Wash.  
 Wasson & Co., H. P., Indianapolis, Ind.  
 Watts-Sartor-Lear Co., Clarksburg, W. Va.  
 Waukesha Municipal Hospital, Waukesha, Wis.  
 Weill & Co., Raphael (The White House), San Francisco, Calif. (In principle.)  
 Weinstock, Lubin & Co., Inc., Sacramento, Calif.  
 Western Reserve University, Household Administration Department, Flora Stone Mather College, Cleveland, Ohio.  
 Whitney & Co., W. M., Albany, N. Y.  
 Whittenton Manufacturing Co., Inc., Taunton, Mass., and New York, N. Y. (In principle.)  
 Wieboldt Stores, Inc., Chicago, Ill.  
 Wilbur Woolen Works, Inc., Oakland, Calif.  
 Wilson & Co., Inc., John, Greenfield, Mass.  
 Wittenberg Mills, Inc., Cedarburg, Wis.  
 Winkler, Adolph J. (The Standard Testing Bureau), New York, N. Y.  
 Wolf & Dessauer Co., Fort Wayne, Ind.  
 Woodward, Baldwin & Co., New York, N. Y.  
 Woodward & Lothrop, Washington, D. C.  
 Wren Co., The Edward, Springfield, Ohio.  
 Wright-Metzler Co., Uniontown, Pa.  
 Wurzburg Dry Goods Co., Grand Rapids, Mich.  
 Wytheville Woolen Mills, Inc., Wytheville, Va. (In principle.)  
 Ziesel Brothers Co., Elkhart, Ind.

## U. S. GOVERNMENT

- Agriculture, U. S. Department of, Bureau of Home Economics, Washington, D. C.  
 Treasury Department, U. S., Washington, D. C.  
 Veterans' Administration, Washington, D. C.  
 War Department, Ordnance Department, Washington, D. C. (In principle.)

## COMMERCIAL STANDARDS

CS No.	Item	CS No.	Item
0-30.	The commercial standards service and its value to business.	35-31.	Plywood (Hardwood and Eastern Red Cedar).
1-32.	Clinical thermometers (second edition).	36-33.	Fourdrinier wire cloth (second edition).
2-30.	Mopsticks.	37-31.	Steel bone plates and screws.
3-28.	Stoddard solvent.	38-32.	Hospital rubber sheeting.
4-29.	Staple porcelain (all-clay) plumbing fixtures.	39-37.	Wool and part-wool blankets (second edition).
5-29.	Steel pipe nipples.	40-32.	Surgeons' rubber gloves.
6-31.	Wrought-iron pipe nipples (second edition).	41-32.	Surgeons' latex gloves.
7-29.	Standard weight malleable iron or steel screwed unions.	42-35.	Fiber insulating board (second edition).
8-33.	Gage blanks (second edition).	43-32.	Grading of sulphonated oils.
9-33.	Builders' template hardware (second edition).	44-32.	Apple wraps.
10-29.	Brass pipe nipples.	45-36.	Douglas fir plywood (domestic grades) (second edition).
11-29.	Regain of mercerized cotton yarns.	46-36.	Hosiery lengths and sizes (second edition).
12-35.	Fuel oils (third edition).	47-34.	Marking of gold-filled and rolled-gold-plate articles other than watch cases.
13-30.	Dress patterns.	48-34.	Domestic burners for Pennsylvania anthracite (underfeed type).
14-31.	Boys' blouses, button-on waists, shirts, and junior shirts.	49-34.	Chip board, laminated chip board, and miscellaneous boards for bookbinding purposes.
15-29.	Men's pajamas.	50-34.	Binders board for bookbinding and other purposes.
16-29.	Wall paper.	51-35.	Marking articles made of silver in combination with gold.
17-32.	Diamond core drill fittings (second edition).	52-35.	Mohair pile fabrics (100-percent mohair plain velvet, 100-percent mohair plain frieze, and 50-percent mohair plain frieze).
18-29.	Hickory golf shafts.	53-35.	Colors and finishes for cast stone.
19-32.	Foundry patterns of wood (second edition).	54-35.	Mattresses for hospitals.
20-36.	Staple vitreous china plumbing fixtures (second edition).	55-35.	Mattresses for institutions.
21-36.	Interchangeable ground-glass joints, stop-cocks, and stoppers (third edition).	56-36.	Oak flooring.
22-30.	Builders' hardware (nontemplate).	57-36.	Book cloths, buckrams, and impregnated fabrics for bookbinding purposes except library bindings.
23-30.	Feldspar.	58-36.	Woven elastic fabrics for use in overalls (overall elastic webbing).
24-30.	Standard screw threads.	59-36.	Woven dress fabrics—testing and reporting.
25-30.	Special screw threads.	60-36.	Hardwood dimension lumber.
26-30.	Aromatic red cedar closet lining.		
27-36.	Mirrors (second edition).		
28-32.	Cotton fabric tents, tarpaulins, and covers.		
29-31.	Staple seats for water-closet bowls.		
30-31.	Colors for sanitary ware.		
31-35.	Wood shingles (third edition).		
32-31.	Cotton cloth for rubber and pyroxylin coating.		
33-32.	Knit underwear (exclusive of rayon).		
34-31.	Bag, case, and strap leather.		

NOTICE.—Those interested in commercial standards with a view toward accepting them as a basis of everyday practice in their industry, may secure copies of the above standards, while the supply lasts, by addressing the Division of Trade Standards, National Bureau of Standards, Washington, D. C.