



Standard Tables of Body Measurements for Girls, Sizes 7 to 16¹

This standard is issued under the fixed designation D 6192; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reappraisal.

INTRODUCTION

These tables were developed from body measurements used currently by apparel manufacturers and retail organizations. The measurements were derived originally from the 1972 Voluntary Product Standard PS 54-72 by the U.S. Department of Commerce National Bureau of Standards.²

1. Scope

1.1 These tables list body measurements of girls, sizes 7 to 16. Although these are body measurements, they can be used as a baseline in designing apparel for girls in this size range when considering such factors as fabric type, ease for body movement, styling, and fit.

1.2 These tables list body measurements for Slim and Regular. Slim subjects are of same stature (height), with a slimmer body, and lower body weight than regular subjects as illustrated by the measurement charts.

1.3 The values stated in either acceptable SI units or inch-pound units shall be regarded separately as standard. The values stated in each system may not be exact equivalents; therefore, each system must be used independently of the other, without combining values in any way.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

D 123 Terminology Relating to Textile Materials³

D 5219 Terminology Relating to Body Dimensions for Apparel Sizing⁴

2.2 ISO Standard:

ISO 3635 Size Designation of Clothes, Definitions, and

Body Measurement Procedures⁵

3. Terminology

3.1 Definitions:

3.1.1 For definitions relating to body dimensions, refer to Terminology D 5219.

3.1.2 For definitions of other textile terms used in this standard, refer to Terminology D 123.

4. Significance and Use

4.1 The use of the body measurement information in Tables 1-4 will assist manufacturers in developing patterns and garments that are consistent with the current anthropometric characteristics of the population of interest. This practice should in turn reduce or minimize consumer confusion and dissatisfaction related to apparel sizing. (Also refer to ISO 3635 Size Designation Procedures.)

5. Apparatus

5.1 *Tape Measure*, dimensionally stable and approximately 15-mm ($\frac{1}{2}$ -in.) wide and accurately graduated in mm ($\frac{1}{16}$ -in.) increments.

5.2 *Scale*, standard, calibrated body weight type.

6. Procedure

6.1 General:

6.1.1 For all vertical and most horizontal measurements, subject is to be standing erect without shoes and with feet approximately 15-cm (6-in.) apart.

6.1.2 Take measurements over regular undergarments normally worn.

6.1.3 Take all measurements from the same side of the body for consistency.

6.1.4 Refer to Terminology D 5219 for the location of all points to be measured.

6.2 Body Measurements:

¹ These tables are under the jurisdiction of ASTM Committee D-13 on Textiles and are the direct responsibility of Subcommittee D13.55 on Body Measurement for Apparel Sizing.

Current edition approved Sept. 10, 1998. Published March 1999. Last previous edition D 6192 – 97.

² U.S. Department of Commerce, *Voluntary Product Standard: Body Measurements for the Sizing of Girls' Apparel*, NIST Publication No. PS 54-172, Washington DC.

³ *Annual Book of ASTM Standards*, Vol. 07.01.

⁴ *Annual Book of ASTM Standards*, Vol. 07.02.

⁵ Available from American National Standards Institute, 11 West 42nd Street, 13th Floor, New York, NY 10036.

TABLE 1 Girls Sizes 7-16 (Slim) Body Measurements, SI Units

| Size | 7S | 8S | 10S | 12S | 14S | 16S |
|--|-------|-------|-------|-------|-------|-------|
| Height, cm | 129.5 | 134.6 | 139.7 | 146.0 | 152.4 | 158.7 |
| Body Weight, kg | 24.0 | 26.8 | 30.4 | 34.9 | 40.4 | 46.7 |
| Girth Measurements in Centimetres | | | | | | |
| Bust Girth (Chest Girth) | 62.2 | 64.8 | 68.6 | 72.4 | 76.2 | 80.0 |
| Waist Girth | 52.1 | 53.3 | 55.9 | 58.4 | 61.0 | 63.5 |
| Hip Girth | 65.4 | 67.9 | 71.8 | 76.8 | 81.9 | 87.0 |
| Neck Base Girth | 29.2 | 29.8 | 31.1 | 32.4 | 33.7 | 34.9 |
| Armscye Circumference | 27.9 | 29.2 | 30.5 | 32.4 | 34.3 | 36.2 |
| Upper-Arm Girth | 17.1 | 18.1 | 19.0 | 20.0 | 21.3 | 22.5 |
| Elbow Girth | 19.7 | 20.6 | 21.6 | 22.5 | 23.8 | 25.1 |
| Thigh Girth | 35.6 | 37.1 | 39.4 | 42.2 | 45.1 | 47.9 |
| Knee Girth | 26.0 | 27.3 | 28.6 | 29.8 | 31.4 | 33.0 |
| Calf Girth | 24.4 | 25.4 | 26.7 | 27.9 | 29.8 | 31.7 |
| Ankle Girth | 18.7 | 19.4 | 20.0 | 20.6 | 21.3 | 21.9 |
| Total Vertical Trunk Length | 110.5 | 115.6 | 120.6 | 127.0 | 133.3 | 139.7 |
| Total Crotch Length | 52.7 | 54.6 | 57.8 | 61.0 | 64.1 | 67.3 |
| Vertical Measurements in Centimetres | | | | | | |
| Cervicale Height | 108.6 | 113.3 | 118.1 | 123.8 | 129.5 | 135.3 |
| Head and Neck Length | 21.0 | 21.3 | 21.6 | 22.2 | 22.9 | 23.5 |
| Cervicale to Knee | 72.7 | 75.9 | 79.1 | 82.9 | 86.7 | 90.5 |
| Armscye to Waist | 14.3 | 14.9 | 15.6 | 16.2 | 17.1 | 18.1 |
| Cervicale to Back Waist | 27.9 | 29.2 | 30.5 | 31.7 | 33.7 | 35.6 |
| Front Waist Length | 24.8 | 26.0 | 27.3 | 28.6 | 30.5 | 32.4 |
| Scye Depth | 13.3 | 14.0 | 14.6 | 15.2 | 16.2 | 17.1 |
| Waist Height | 81.3 | 85.4 | 89.5 | 94.0 | 98.4 | 102.9 |
| Hip Height | 65.4 | 68.6 | 71.8 | 75.2 | 78.7 | 82.2 |
| Waist to Knee | 45.4 | 47.9 | 50.5 | 53.0 | 55.6 | 58.1 |
| Waist to Hip Height | 16.5 | 16.8 | 17.5 | 18.4 | 19.4 | 20.3 |
| Crotch Height | 58.7 | 61.6 | 64.5 | 67.6 | 70.8 | 74.0 |
| Knee Height | 35.9 | 37.5 | 39.1 | 41.0 | 42.9 | 44.8 |
| Ankle Height | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 |
| Width and Length Measurements in Centimetres | | | | | | |
| Shoulder Length | 8.9 | 9.0 | 9.2 | 9.4 | 9.5 | 9.7 |
| Cross-Back Width | 26.7 | 27.3 | 28.6 | 29.8 | 31.1 | 32.4 |
| Cross-Chest Width | 22.9 | 23.5 | 24.8 | 26.0 | 27.3 | 28.6 |
| Arm Length | 45.4 | 47.6 | 49.8 | 52.4 | 54.9 | 57.5 |
| Shoulder and Arm Length | 54.3 | 56.7 | 59.1 | 61.8 | 64.5 | 67.1 |
| Cervicale to Wrist | 59.1 | 61.6 | 64.5 | 67.6 | 70.8 | 74.0 |

6.2.1 *Height*—Measure from the top of the head to the soles of the feet.

6.2.2 *Body Weight*—Weigh the subject on the scale.

6.2.3 *Bust Girth (chest girth)*—Measure horizontally around the body under the arms and across the nipples including the lower portion of the shoulder blades.

6.2.4 *Waist Girth*—Measure horizontally around the body at waist height.

6.2.5 *Hip Girth*—Measure horizontally around the body at hip height.

6.2.6 *Neck Base Girth*—Measure around the neck, over the cervicale at the back and the top of the collar bone at the front.

6.2.7 *Armscye Circumference*—With the arm down, measure the distance from the shoulder joint through the front-break point, the armpit, the back-break point, and back up to the starting point.

6.2.8 *Upper-Arm Girth*—Measure the circumference of the arm midway between the elbow and shoulder joint.

6.2.9 *Elbow Girth*—Measure the circumference of the elbow while the arm is bent at 1.57 rad (90°).

6.2.10 *Thigh Girth*—Measure circumference of the upper leg close to the crotch.

6.2.11 *Knee Girth*—With the leg straight, measure the knee circumference over the knee cap and parallel to the floor.

6.2.12 *Calf Girth*—Measure the maximum circumference

of the lower leg between the knee and the ankle and parallel to the floor.

6.2.13 *Ankle Girth*—Measure the ankle circumference over the inner and outer bony prominence at the lower end of the lower leg.

6.2.14 *Total Vertical Trunk Length*—Measure from a point on the shoulder, midway between the neck and the normal armscye line, to the bottom of the crotch and back up to the shoulder, taking care to avoid constriction at the crotch.

6.2.15 *Total Crotch Length*—Measure from the center front waist level through the crotch to the center back waist level.

6.2.16 *Cervicale Height*—Measure the plumb line distance from the cervicale to the soles of the feet.

6.2.17 *Head and Neck Length*—With the head erect and the neck unbent, measure the plumb line distance from the crown to the cervicale.

6.2.18 *Cervicale to Knee*—Measure the plumb line distance from the cervicale to the knee midpoint.

6.2.19 *Armscye to Waist*—Measure from the mid-underarm point along the side of the body to the waist height.

6.2.20 *Cervicale to Back Waist*—Measure along the spine from cervicale to waist.

6.2.21 *Front Waist Length*—Measure from the center front neck base line to the center front waist level.

6.2.22 *Scye Depth*—Measure along the spine from the

TABLE 2 Girls Sizes 7-16 (Regular) Body Measurements, SI Units

| Size | 7R | 8R | 10R | 12R | 14R | 16R |
|--|-------|-------|-------|-------|-------|-------|
| Height, cm | 129.5 | 134.6 | 139.7 | 146.0 | 152.4 | 158.7 |
| Body Weight, kg | 27.2 | 29.9 | 33.6 | 38.1 | 43.5 | 49.9 |
| Girth Measurements in Centimetres | | | | | | |
| Bust Girth (Chest Girth) | 66.0 | 68.6 | 72.4 | 76.2 | 80.0 | 83.8 |
| Waist Girth | 57.1 | 58.4 | 61.0 | 63.5 | 66.0 | 68.6 |
| Hip Girth | 69.8 | 72.4 | 76.2 | 81.3 | 86.4 | 91.4 |
| Neck Base Girth | 30.2 | 30.8 | 32.1 | 33.3 | 34.6 | 35.9 |
| Armhole Circumference | 29.2 | 30.5 | 31.7 | 33.7 | 35.6 | 37.5 |
| Upper-Arm Girth | 18.7 | 19.7 | 20.6 | 21.6 | 22.9 | 24.1 |
| Elbow Girth | 20.6 | 21.6 | 22.5 | 23.5 | 24.8 | 26.0 |
| Thigh Girth | 40.0 | 41.6 | 43.8 | 46.7 | 49.5 | 52.4 |
| Knee Girth | 27.3 | 28.6 | 29.8 | 31.1 | 32.7 | 34.3 |
| Calf Girth | 25.7 | 26.7 | 27.9 | 29.2 | 31.1 | 33.0 |
| Ankle Girth | 18.7 | 19.4 | 20.0 | 20.6 | 21.3 | 21.9 |
| Total Vertical Trunk Length | 113.0 | 118.1 | 123.2 | 129.5 | 135.9 | 142.2 |
| Total Crotch Length | 54.6 | 56.5 | 59.7 | 62.9 | 66.0 | 69.2 |
| Vertical Measurements in Centimetres | | | | | | |
| Cervicale Height | 108.6 | 113.3 | 118.1 | 123.8 | 129.5 | 135.3 |
| Head and Neck Length | 21.0 | 21.3 | 21.6 | 22.2 | 22.9 | 23.5 |
| Cervicale to Knee | 72.7 | 75.9 | 79.1 | 82.9 | 86.7 | 90.5 |
| Armhole to Waist | 14.3 | 14.9 | 15.6 | 16.2 | 17.1 | 18.1 |
| Cervicale to Back Waist | 27.9 | 29.2 | 30.5 | 31.7 | 33.7 | 35.6 |
| Front Waist Length | 24.8 | 26.0 | 27.3 | 28.6 | 30.5 | 32.4 |
| Scye Depth | 13.7 | 14.3 | 14.9 | 15.6 | 16.5 | 17.5 |
| Waist Height | 81.3 | 85.4 | 89.5 | 94.0 | 98.4 | 102.9 |
| Hip Height | 65.4 | 68.6 | 71.8 | 75.2 | 78.7 | 82.2 |
| Waist to Knee | 45.4 | 47.9 | 50.5 | 53.0 | 55.6 | 58.1 |
| Waist to Hip Height | 16.8 | 17.1 | 17.8 | 18.7 | 19.7 | 20.6 |
| Crotch Height | 58.7 | 61.6 | 64.5 | 67.6 | 70.8 | 74.0 |
| Knee Height | 35.9 | 37.5 | 39.1 | 41.0 | 42.9 | 44.8 |
| Ankle Height | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 7.0 |
| Width and Length Measurements in Centimetres | | | | | | |
| Shoulder Length | 9.2 | 9.4 | 9.5 | 9.7 | 10.0 | #REF! |
| Cross-Back Width | 27.3 | 27.9 | 29.2 | 30.5 | 31.7 | 33.0 |
| Cross-Chest Width | 23.8 | 24.4 | 25.7 | 27.0 | 28.3 | 29.5 |
| Arm Length | 45.7 | 47.9 | 50.2 | 52.7 | 55.2 | 57.8 |
| Shoulder and Arm Length | 54.9 | 57.3 | 59.7 | 62.4 | 65.1 | 67.8 |
| Cervicale to Wrist | 59.7 | 62.2 | 65.1 | 68.3 | 71.4 | 74.6 |

cervicale to a point level to an imaginary horizontal line connecting the mid-underarm points.

6.2.23 *Waist Height*—Measure the plumb line distance from the waist to the soles of the feet.

6.2.24 *Hip Height*—Measure the plumb line distance at the side of the body from the hip to the soles of the feet.

6.2.25 *Waist to Knee*—Measure the plumb line distance at the side of the body from the waist to the knee midpoint.

6.2.26 *Waist to Hip Height*—Measure the plumb line distance at the side of the body from the waist to the hip.

6.2.27 *Crotch Height*—Measure the plumb line distance from the midpoint of the crotch to the soles of the feet.

6.2.28 *Knee Height*—Measure the plumb line distance from the knee midpoint to the soles of the feet.

6.2.29 *Ankle Height*—Measure the plumb line distance from the outer ankle bone to the soles of the feet.

6.2.30 *Shoulder Length*—With the arm hanging down, measure from the side neck base to the shoulder joint.

6.2.31 *Cross-Back Width*—Measure across the back from back-break point to back-break point at approximately the same level as the chest.

6.2.32 *Cross-Chest Width*—Measure across the front of the chest from front-break point to front-break point.

6.2.33 *Arm Length*—With the arm bent at 1.57 rad (90°) and the hand placed on the hip, measure from the shoulder joint along the outside of the arm over the elbow to the prominent wrist bone.

6.2.34 *Shoulder and Arm Length*—With the arm bent at 1.57 rad (90°), measure from the side neck base over the top of the shoulder to the shoulder joint, then along the outside of the arm over the elbow to the prominent wrist bone.

6.2.35 *Cervicale to Wrist*—With the arm bent at 1.57 rad (90°), measure from the cervicale over the top of the shoulder to the shoulder joint, then along the outside of the arm over the elbow to the prominent wrist bone.

7. Keywords

7.1 apparel; body measurements; garment sizes; girls; tables

TABLE 3 Girls Sizes 7-16 (Slim) Body Measurements, Inch-Pound Units

| Size | 7S | 8S | 10S | 12S | 14S | 16S |
|--|------|------|------|------|------|------|
| Height, in | 51 | 53 | 55 | 57½ | 60 | 62 ½ |
| Body Weight, lb | 53 | 59 | 67 | 77 | 89 | 103 |
| Girth Measurements in Inches | | | | | | |
| Bust Girth (Chest Girth) | 24 ½ | 25 ½ | 27 | 28 ½ | 30 | 31 ½ |
| Waist Girth | 20 ½ | 21 | 22 | 23 | 24 | 25 |
| Hip Girth | 25 ¾ | 26 ¾ | 28 ¼ | 30 ¼ | 32 ¼ | 34 ¼ |
| Neck Base Girth | 11 ½ | 11 ¾ | 12 ¼ | 12 ¾ | 13 ¼ | 13 ¾ |
| Armscye Circumference | 11 | 11 ½ | 12 | 12 ¾ | 13 ½ | 14 ¼ |
| Upper-Arm Girth | 6 ¾ | 7 ⅞ | 7 ½ | 7 ⅞ | 8 ⅜ | 8 ⅞ |
| Elbow Girth | 7 ¾ | 8 ⅞ | 8 ½ | 8 ⅞ | 9 ⅜ | 9 ⅞ |
| Thigh Girth | 14 | 14 ⅝ | 15 ½ | 16 ⅝ | 17 ¾ | 18 ⅞ |
| Knee Girth | 10 ¼ | 10 ¾ | 11 ¼ | 11 ¾ | 12 ¾ | 13 |
| Calf Girth | 9 ⅝ | 10 | 10 ½ | 11 | 11 ¾ | 12 ½ |
| Ankle Girth | 7 ⅜ | 7 ⅝ | 7 ⅞ | 8 ⅞ | 8 ⅜ | 8 ⅝ |
| Total Vertical Trunk Length | 43 ½ | 45 ½ | 47 ½ | 50 | 52 ½ | 55 |
| Total Crotch Length | 20 ¾ | 21 ½ | 22 ¾ | 24 | 25 ¼ | 26 ½ |
| Vertical Measurements in Inches | | | | | | |
| Cervicale Height | 42 ¾ | 44 ⅝ | 46 ½ | 48 ¾ | 51 | 53 ¼ |
| Head and Neck Length | 8 ¼ | 8 ⅜ | 8 ½ | 8 ¾ | 9 | 9 ¼ |
| Cervicale to Knee | 28 ⅝ | 29 ⅞ | 31 ⅞ | 32 ⅝ | 34 ⅞ | 35 ⅝ |
| Armscye to Waist | 5 ⅝ | 5 ⅞ | 6 ⅞ | 6 ⅜ | 6 ¾ | 7 ⅞ |
| Cervicale to Back Waist | 11 | 11 ½ | 12 | 12 ½ | 13 ¼ | 14 |
| Front Waist Length | 9 ¾ | 10 ¼ | 10 ¾ | 11 ¼ | 12 | 12 ¾ |
| Scye Depth | 5 ¼ | 5 ½ | 5 ¾ | 6 | 6 ⅜ | 6 ¾ |
| Waist Height | 32 | 33 ⅝ | 35 ¼ | 37 | 38 ¾ | 40 ½ |
| Hip Height | 25 ¾ | 27 | 28 ¼ | 29 ⅝ | 31 | 32 ⅜ |
| Waist to Knee | 17 ⅞ | 18 ⅞ | 19 ⅞ | 20 ⅞ | 21 ⅞ | 22 ⅞ |
| Waist to Hip Height | 6 ½ | 6 ⅝ | 6 ⅞ | 7 ¼ | 7 ⅝ | 8 |
| Crotch Height | 23 ⅞ | 24 ¼ | 25 ⅜ | 26 ⅝ | 27 ⅞ | 29 ⅞ |
| Knee Height | 14 ⅞ | 14 ¾ | 15 ⅜ | 16 ⅞ | 16 ⅞ | 17 ⅝ |
| Ankle Height | 2 ½ | 2 ½ | 2 ⅝ | 2 ⅝ | 2 ⅝ | 2 ¾ |
| Width and Length Measurements in Inches | | | | | | |
| Shoulder Length | 3 ½ | 3 ⅞ | 3 ⅝ | 3 ⅞ | 3 ¾ | 3 ⅞ |
| Cross-Back Width | 10 ½ | 10 ¾ | 11 ¼ | 11 ¾ | 12 ¼ | 12 ¾ |
| Cross-Chest Width | 9 | 9 ¼ | 9 ¾ | 10 ¼ | 10 ¾ | 11 ¼ |
| Arm Length | 17 ⅞ | 18 ¾ | 19 ⅝ | 20 ⅝ | 21 ⅝ | 22 ⅝ |
| Shoulder and Arm Length | 21 ⅜ | 22 ⅞ | 23 ¼ | 24 ⅞ | 25 ⅜ | 26 ⅞ |
| Cervicale to Wrist | 23 ¼ | 24 ¼ | 25 ⅝ | 26 ⅝ | 27 ⅞ | 29 ⅞ |

TABLE 4 Girls Sizes 7-16 (Regular) Body Measurements, Inch-Pound Units

| Size | 7R | 8R | 10R | 12R | 14R | 16R |
|---|------|------|------|------|------|------|
| Height, in | 51 | 53 | 55 | 57½ | 60 | 62 ½ |
| Body Weight, lb | 60 | 66 | 74 | 84 | 96 | 110 |
| Girth Measurements in Inches | | | | | | |
| Bust Girth (Chest Girth) | 26 | 27 | 28 ½ | 30 | 31 ½ | 33 |
| Waist Girth | 22 ½ | 23 | 24 | 25 | 26 | 27 |
| Hip Girth | 27 ½ | 28 ½ | 30 | 32 | 34 | 36 |
| Neck Base Girth | 11 ⅞ | 12 ⅞ | 12 ⅝ | 13 ⅞ | 13 ⅝ | 14 ⅞ |
| Armscye Circumference | 11 ½ | 12 | 12 ½ | 13 ¼ | 14 | 14 ¾ |
| Upper-Arm Girth | 7 ⅜ | 7 ¾ | 8 ⅞ | 8 ½ | 9 | 9 ½ |
| Elbow Girth | 8 ⅞ | 8 ½ | 8 ⅞ | 9 ¼ | 9 ¾ | 10 ¼ |
| Thigh Girth | 15 ¾ | 16 ⅜ | 17 ¼ | 18 ⅜ | 19 ½ | 20 ⅝ |
| Knee Girth | 10 ¾ | 11 ¼ | 11 ¾ | 12 ¼ | 12 ⅞ | 13 ½ |
| Calf Girth | 10 ⅞ | 10 ½ | 11 | 11 ½ | 12 ¼ | 13 |
| Ankle Girth | 7 ⅜ | 7 ⅝ | 7 ⅞ | 8 ⅞ | 8 ⅜ | 8 ⅝ |
| Total Vertical Trunk Length | 44 ½ | 46 ½ | 48 ½ | 51 | 53 ½ | 56 |
| Total Crotch Length | 21 ½ | 22 ¼ | 23 ½ | 24 ¾ | 26 | 27 ¼ |
| Vertical Measurements in Inches | | | | | | |
| Cervicale Height | 42 ¾ | 44 ⅝ | 46 ½ | 48 ¾ | 51 | 53 ¼ |
| Head and Neck Length | 8 ¼ | 8 ⅜ | 8 ½ | 8 ¾ | 9 | 9 ¼ |
| Cervicale to Knee | 28 ⅝ | 29 ⅞ | 31 ⅞ | 32 ⅝ | 34 ⅞ | 35 ⅝ |
| Armscye to Waist | 5 ⅝ | 5 ⅞ | 6 ⅞ | 6 ⅜ | 6 ¾ | 7 ⅞ |
| Cervicale to Back Waist | 11 | 11 ½ | 12 | 12 ½ | 13 ¼ | 14 |
| Front Waist Length | 9 ¾ | 10 ¼ | 10 ¾ | 11 ¼ | 12 | 12 ¾ |
| Scye Depth | 5 ⅜ | 5 ⅝ | 5 ⅞ | 6 ⅞ | 6 ½ | 6 ⅞ |
| Waist Height | 32 | 33 ⅝ | 35 ¼ | 37 | 38 ¾ | 40 ½ |
| Hip Height | 25 ¾ | 27 | 28 ¼ | 29 ⅝ | 31 | 32 ⅜ |
| Waist to Knee | 17 ⅞ | 18 ⅞ | 19 ⅞ | 20 ⅞ | 21 ⅞ | 22 ⅞ |
| Waist to Hip Height | 6 ⅝ | 6 ¾ | 7 | 7 ⅜ | 7 ¾ | 8 ⅞ |
| Crotch Height | 23 ⅞ | 24 ¼ | 25 ⅜ | 26 ⅝ | 27 ⅞ | 29 ⅞ |
| Knee Height | 14 ⅞ | 14 ¾ | 15 ⅜ | 16 ⅞ | 16 ⅞ | 17 ⅝ |
| Ankle Height | 2 ½ | 2 ½ | 2 ⅝ | 2 ⅝ | 2 ⅝ | 2 ¾ |
| Width and Length Measurements in Inches | | | | | | |
| Shoulder Length | 3 ⅝ | 3 ⅞ | 3 ¾ | 3 ⅞ | 3 ⅞ | 3 ⅞ |
| Cross-Back Width | 10 ¾ | 11 | 11 ½ | 12 | 12 ½ | 13 |
| Cross-Chest Width | 9 ⅜ | 9 ⅝ | 10 ⅞ | 10 ⅝ | 11 ⅞ | 11 ⅝ |
| Arm Length | 18 | 18 ⅞ | 19 ¾ | 20 ¾ | 21 ¾ | 22 ¾ |
| Shoulder and Arm Length | 21 ⅝ | 22 ⅞ | 23 ½ | 24 ⅞ | 25 ⅝ | 26 ⅞ |
| Cervicale to Wrist | 23 ½ | 24 ½ | 25 ⅝ | 26 ⅞ | 28 ⅞ | 29 ⅞ |

The American Society for Testing and Materials takes no position respecting the validity of any patent rights asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their own responsibility.

This standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either reapproved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards, 100 Barr Harbor Drive, West Conshohocken, PA 19428.