
**Sizing system and designation for
garments — Anthropometric basis**

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Contents

Page

1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and abbreviated terms	4
5	General requirements	5
6	Specific requirements	6
7	Size designation system	8
8	Construction of Rwanda body measurement tables and intervals	10
9	Normative size charts	11
10	Marking and labelling	12
11	Claims of conformity	13
12	Maintenance and review	13
	Annex A (normative) Rwanda garment body-measurement size charts	14

Foreword

Rwanda Standards are prepared by Technical Committees and approved by Rwanda Standards Board (RSB) Board of Directors in accordance with the procedures of RSB, in compliance with Annex 3 of the WTO/TBT agreement on the preparation, adoption and application of standards.

The main task of technical committees is to prepare national standards. Final Draft Rwanda Standards adopted by Technical Committees are ratified by members of RSB Board of Directors for publication and gazettelement as Rwanda Standards.

DRS 646 was prepared by Technical Committee RSB/TC RSB/TC 29, *Textile and leather technology*

Committee membership

The following organizations were represented on the Technical Committee on *Textile and leather technology* (RSB/TC 29) in the preparation of this standard.

DIKAM LTD

Gala Attire Fashion LTD

Rwanda Education Assistance Project, Seed Project (REAP)

Rwanda Inspectorate, Competition and Consumer Protection Authority (RICA)

Rwanda Polytechnique-Kigali College (RP/Kigali College)

University of Rwanda/College of Science and Technology (UR/CST)

Rwanda Standards Board (RSB) – Secretariat

Introduction

This Draft Rwanda Standard (DRS 646:2026) on sizing system and designation for garments establishes the anthropometric principles for developing standardized garment sizing systems based on human body measurements. It provides guidance on the selection, measurement, and designation of key body dimensions to ensure consistent and accurate garment sizing. The standard aims to improve the fit, comfort, and interchangeability of ready-made garments while facilitating trade and manufacturing. It serves as a common reference for garment manufacturers, designers, retailers, and other stakeholders involved in the textile and apparel industry.

Copy for public review

Sizing system and designation for garments — Anthropometric basis

1 Scope

This Draft Rwanda Standard specifies anthropometric basis, size designation rules and framework requirements for Rwanda size charts for ready-made garments. It establishes the body measurement tables, size intervals used for the development, grading and labelling of garments.

This Standard applies to mass-produced garments intended for male and female population from teenager to adult in Rwanda. The garment size designation and classification are based on anthropometric primary and secondary data.

This Standard does not cover garment design, pattern construction, material performance, protective clothing and medical applications.

This Draft Rwanda Standard is not intended for bespoke or made-to-measure garments where sizing is defined by individual measurements.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

RS ISO 8559-1, *Size designation of clothes — Part 1: Anthropometric definitions for body measurement*

RS ISO 8559-2, *Size designation of clothes — Part 2: Primary and secondary dimension indicators*

ISO 8559-3, *Size designation of clothes — Part 3: Methodology for the creation of body measurement tables and intervals*

ISO 7250-1, *Basic human body measurements for technological design — Part 1: Body measurement definitions and landmarks*

ISO 15535, *General requirements for establishing anthropometric databases*

RS ARS 1552, *Standard methods of garment measurement — Code of practice*

RS ARS 1569, *The labelling and marking of textiles and household textile articles*

3 Terms and definitions

For the purposes of this standard, the following terms and definitions apply.

3.1

anthropometric measurement

measurement of a specified human body dimension using a defined landmark and method

3.2

body dimension

measurable physical characteristic of the human body, such as height, girths and lengths, used for sizing purposes

3.3

body measurement table

chart that shows the measurements of different parts of the human body

3.4

control dimension

body dimension used to define, classify or designate the size of a garment

3.5

primary dimension

basic measurements used to assign a clothing size for a specified garment family

3.6

secondary dimension

additional measurements used to improve fit after the primary size is selected

3.7

size designation

expression of size by one or more control dimensions and a size code assigned according to this document

3.8

size code

unique alphanumeric representation of a size designation constructed according to Clause 7

3.9

size interval

difference between one garment size and the next size

3.10

stature class

classification of a size designation by height range, denoted as Short (S), Regular (R), or Tall (T), assigned in accordance with Clause 7.5 and derived from the height distribution of the relevant population group

3.11

stated extent to which the body measurement table represents the intended target population of the analysed dataset

3.12

claim of conformity

statement by an organization that its size designation, labelling and supporting documentation meet the requirements of this document

3.13

ease allowance

surplus added to body measurements when making a garment so that the wearer can easily put it on/off and move comfortably

3.14

fit type

how a garment tightly or loosely conforms to the wearer's body

3.15

verification garment measurement

measurement of a finished garment according to a defined procedure in accordance with RS ARS 1552 to confirm correspondence to the intended body-dimension designation

3.16

measurement uncertainty

parameter, associated with the result of a measurement, that characterizes the dispersion of values that could reasonably be attributed to the measurand; relevant to the quality acceptance of anthropometric data used in Annex A

3.17

teenager

any person whose age is between age 13 to 19

3.18

adult

any person from the age of 20 and above

4 Symbols and abbreviated terms

For the purposes of this standard, Table 1 includes applicable symbols and abbreviated terms.

Table 1 — Symbols and abbreviated terms

Symbol or abbreviation	Meaning
cm	Centimetre
mm	Millimetre
H	Body height (stature)
C	Chest girth
B	Bust girth
W	Waist girth

Hp	Hip girth
n	Sample size
S	Short - stature class designation
R	Regular - stature class designation
T	Tall - stature class designation
ISO	International Organisation for Standardisation
EN	European Norm/European Standard
ASTM	ASTM International
BS	British Standard
RSB	Rwanda Standards Board
ARSO	African Organisation for Standardisation

5 General requirements

5.1 Measurement basis

All control dimensions used for Rwanda garment sizing shall be based on anthropometric measurement definitions and landmarks in accordance with ISO 8559-1 and ISO 7250-1.

NOTE Size designation in this document is based on intended body-measurement ranges. Finished garment measurements can differ from body measurements because of ease allowance and design. Garment measurements are used for verification and procurement control in accordance with RS ARS 1552 or ISO 8559-3.

5.2 Target population and dataset basis

The values inserted in Annex A shall be derived from the Rwanda anthropometric dataset produced and approved through the applicable technical review process.

Annex A shall only include population groups for which analysed data are available and approved.

5.3 Measurement quality and dataset acceptance

The analysed dataset used to population description, sampling, data quality and statistics in Annex A shall be supported by documented evidence of measurement quality, data cleaning, outlier review, and data traceability in accordance with ISO 15535 and ISO 7250-1.

Where weighting, correction factors, or exclusion rules are applied, they shall be documented in the technical report supporting Annex A.

5.4 Units and rounding

Unless otherwise stated in Annex A, body measurement tables for garments shall be expressed in centimetres.

Rounding rules shall be stated and applied consistently across all tables. Unless otherwise stated, Annex A values shall be presented as whole-centimetre interval limits.

5.5 Table metadata and traceability

Each Annex A table shall declare at least the following metadata:

- a) sex;
- b) age band;
- c) dataset version and analysis date;
- d) data source identifier;
- e) sample size;
- f) geographic basis;
- g) weighting status, where applicable;
- h) coverage statement; and
- i) stature class boundary values used.

5.6 Measurement uncertainty

The anthropometric measurement data used to derive Annex A values shall be collected using calibrated instruments with documented uncertainty. The combined measurement uncertainty for each control dimension shall not exceed ± 5 mm for height and girth measurements.

The measurement uncertainty associated with the dataset shall be stated in the supporting technical report.

NOTE Reference: ISO 7250-1 on instrument requirements; ISO/IEC Guide 98-3 for uncertainty estimation methodology.

6 Specific requirements

6.1 General

For each garment family covered by this document, the primary and permitted secondary dimension indicators shall be selected in accordance with RS ISO 8559-2.

Where a garment family requires more than one control dimension to reduce risk of misfit, at least one secondary dimension shall be used.

6.2 Control-dimension framework

The garment families and corresponding control dimensions shall be as given in Table 2.

NOTE The control dimension assignments in Table 2 are aligned with RS ISO 8559-2.

Table 2 — Garment families and control dimensions

Garment family	Primary control dimension	Secondary control dimension(s)	Application note
Upper-body garments	Chest (C)/Bust (B)	Height (H)	Sleeve length may be stated in the product specification where relevant. Aligned with RS ISO 8559-2
Outerwear	Chest (C)/Bust (B)	Height (H)	Sleeve length may be additionally specified.
Lower-body garments	Waist (W)	Hip (Hp) and Height (H)	Hip shall be used where fitted seat or hip control is required. Height used for length class declaration.
Skirts	Hip (Hp)	Waist (W) and Height (H)	Waist shall be declared for fitted or non-elastic waist garments.
Full-body garments	Bust (B)/Chest (C)	Hip (Hp) and Height (H)	Hip shall be declared. Height used where stature classes are declared.
Underwear	Hip (Hp)	Waist (W)	Focus on girth fit.
School uniforms and workwear (non-protective)	Height (H)	Chest/Bust (C/B) and Waist (W)	The applicable combination shall be fixed in the relevant procurement or product specification.

6.3 Supplementary dimensions

Where a product specification requires additional fit-control dimensions such as sleeve length, underbust or inseam, those dimensions shall not replace the primary dimension designated in Table 2, but may be stated as supplementary dimensions.

6.4 Size intervals

The size intervals applied to each control dimension in Annex A shall be in accordance with Table 3. These intervals shall be used unless the approved dataset analysis demonstrates that alternative intervals provide statistically better coverage of the target population, in which case the alternative shall be documented and justified in the supporting technical report.

Table 3 — Standard size intervals for control dimensions

Control dimension	Standard interval cm	Minimum interval cm	Test method
Chest/Bust (C/B)	5	2	ISO 8559-3
Waist (W)	4	2	
Hip (Hp)	4	2	
Height (H) - Stature class	6	6	

NOTE The 4 cm interval for girth dimensions is the internationally accepted standard for adult sizing per ISO 8559-3.

6.5 Stature classes

Within each size designation, the stature class shall be declared using the codes defined in Table 4. Stature class boundaries shall be derived from the height distribution of the relevant population group in the approved dataset.

Table 4 — Stature class codes and definitions

Code	Stature class	Definition	Test method
S	Short	Height at or below the lower stature class boundary for the relevant age band and sex, as defined in Annex A	ISO 8559-3
R	Regular	Height within the Regular stature class range for the relevant age band and sex, as defined in Annex A	
T	Tall	Height at or above the upper stature class boundary for the relevant age band and sex, as defined in Annex A	
NOTE The stature class boundaries are population-specific and age-band-specific. They are calculated from the approved Rwanda anthropometric dataset and recorded in each Annex A table, following the coverage-based approach of ISO 8559-3. As a starting reference, EN 13402-3:2017 uses 6 cm intervals for stature classes for European adult populations; the Rwanda-specific boundaries may differ.			

7 Size designation system

7.1 General

A Rwanda garment size designation shall comprise:

- a Rwanda size code uniquely identifying one row of Annex A; and
- the corresponding declared control-dimension ranges.

7.2 Population and age-band identifiers

For Annex A, the following population identifiers shall be used:

- M for male population groups; and
- F for female population groups.

The age-band identifiers used in Annex A shall be 13-19, 20-25, 26-35, and 36-60.

NOTE 1 The age band structure is derived from the anthropometric study protocol. The band 13-19 covers adolescent and young adult populations; 20-25, 26-35, and 36-60 cover adult sub-populations with potentially distinct morphological profiles. This four-band structure is in accordance with the methodology proposed in the pilot protocol and with ISO 15535 on age stratification requirements for anthropometric databases.

NOTE 2 Age bands used are retained for dataset stratification, adequacy assessment and interpretation. The Annex A size-code rows are dimension-based and are not age labels. Where age-band-specific product guidance is required, such as for school uniforms, the applicable age-band use should be approved by the Technical Committee and stated in the relevant procurement or implementation guidance.

7.3 Code construction

The Rwanda garment size code shall be expressed as per Table 5.

Table 5 — Rwanda garment size code structure

Field	Symbol	Values	Example
Country code	RW	Fixed prefix	RW
Article type	G	Garment	RW-G
Population group	[sex]	F (female) or M (male)	RW-G-F
Serial number	[nn]	01 to NN (sequential within the Annex A table)	RW-G-F-04
Stature class	[S/R/T]	S Short, R Regular, T Tall	RW-G-F-04-S
EXAMPLE RW-G-F-04-S denotes Rwanda garment size row 04 in the female body-measurement chart, Short stature class			

Age bands are retained as dataset metadata for sampling, adequacy and technical interpretation. They shall not be interpreted as consumer age labels unless the relevant Technical Committee approves a specific age-band application, such as school-uniform or youth-product guidance.

7.4 Body-dimension disclosure

The full-size designation accompanying a Rwanda size code shall disclose the applicable control-dimension ranges in centimetres.

EXAMPLE RW-G-F-04-S / B 88–92 / W 72–76 / Hp 96–100 / H 160–166.

7.5 Stature class application

Where a garment is produced in a single stature class only, the stature class code shall still be declared on the label. Where a garment is produced in two or more stature classes under the same primary size code, each stature class constitutes a distinct size designation.

NOTE This approach is in accordance with ISO 8559-3 on stature-based size classification.

7.6 Additional short forms

Any additional short code used for stock control or marketing shall not replace the Rwanda size code and declared control-dimension ranges when conformity to this document is claimed.

NOTE 1 A consumer-facing market label, such as Small, Medium, Large, Rwanda Size 04, Women M Regular or an equivalent retail expression, may be used in addition to the Rwanda garment size code, provided that the Rwanda size code and declared body-dimension ranges remain traceable in the technical file and, where conformity is claimed, remain the controlling reference.

NOTE 2 For the Draft Rwanda Standard Annex A tables, Rwanda garment size codes are dimension-based and do not include age-span coding. The pilot population covers ages 13 to 60; age-band adequacy and interpretation are documented in the supporting technical report and may inform future youth, school-uniform or specialised product guidance.

8 Construction of Rwanda body measurement tables and intervals

8.1 Derivation principles

Annex A tables shall be derived from the approved Rwanda anthropometric dataset using the methodological principles of ISO 8559-3. The underlying dataset shall be structured and documented in accordance with ISO 15535.

8.2 Statistical basis

The derivation record for each Annex A table shall document:

- a) the descriptive statistics used;
- b) any weighting basis applied;
- c) treatment of outliers, missing data, and exclusions;
- d) interval design logic, including interval width and number of sizes; and
- e) rounding rules and stature class boundary calculation method.

NOTE For interval design, ISO 8559-3 recommends the key dimension interval be set to cover approximately 68 % of the population within each size (equivalent to ± 0.5 standard deviation).

8.3 Coverage and reporting

Each Annex A table shall declare the intended target population and a coverage statement based on the analysed dataset.

Where a quantified coverage ratio is calculated, the method used shall be stated in the supporting technical report.

NOTE Coverage calculation reference: ISO 8559-3 (coverage calculation). Target coverage for a Rwanda national standard is recommended at ≥ 90 % of the relevant population group, in accordance with international practice.

8.4 Cross-tabulation and consistency

Where multiple control dimensions are used, the cross-tabulation structure shall be applied consistently across all rows within the relevant Annex A table.

8.5 Use of approved values only

Illustrative tables, workshop examples, or unapproved analytical outputs shall not be inserted into Annex A.

9 Normative size charts

9.1 Role of Annex A

Annex A constitutes the Rwanda garment size-chart framework, once populated with approved analysed values, the normative technical specification for size designation under this document.

9.2 Committee-circulation stage

Annex A contains pilot-derived provisional Rwanda size-code rows generated from approved analytical dataset. The codes identify Annex A rows for technical committee review only and are not used for public conformity claims until approved through the applicable RSB standards-development process.

9.3 Chart content

Each Annex A table shall define:

- a) Rwanda size code (including stature class);
- b) applicable control-dimension ranges;
- c) units;
- d) stature class code and boundaries;
- e) mandatory metadata; and
- f) notes on supplementary dimensions, where applicable.

9.4 Completion condition

No claim of conformity to the Rwanda size charts shall be made until the relevant Annex A tables have been populated with approved analysed values.

10 Marking and labelling

10.1 Garment marking

A garment claiming conformity with this document shall be marked with the Rwanda size code (including stature class) and shall disclose the relevant control-dimension ranges in centimetres. Marking and labelling shall be in accordance with RS ARS 1569, where applicable.

Minimum label information shall include:

- a) Rwanda size code (including stature class suffix);
- b) applicable control-dimension ranges;
- c) target population group and age band; and
- d) declared fit type, where applicable.

NOTE 1 Ease allowance disclosure: Where a declared fit type (e.g. slim, regular, or relaxed) is used, the manufacturer should document the ease allowance applied for each garment family in the technical file. This promotes consistency and transparency in garment sizing and is aligned with the principles of RS ISO 8559-2 for size designation based on body measurements, ISO 18890 for finished garment measurement, and ASTM D5219 for fit practice

NOTE 2 Marking requirements for labelling language and care symbols follow RS ARS 1569:2019 and are not repeated here.

10.2 Procurement specifications

Where procurement specifications reference this document, they shall state the garment family, target population group, age band, stature class, and required Rwanda size designation.

Procurement specifications shall state any supplementary dimensions required for the relevant product family and shall require evidence of verification of supplied garments using a recognized garment measurement procedure in accordance with RS ARS 1552.

10.3 Informative mappings

Any mapping to other size systems is informative and is not to be used as the basis for a conformity claim.

NOTE Conversion to EU, UK, US, or other size systems is informative only. Body-measurement-based conversions are preferred over direct alphabetical label conversions. See Annex B for guidance.

11 Claims of conformity

11.1 General

An organization claiming conformity with this document shall maintain a technical file that includes:

- a) the size designation system used, including stature class boundaries applied;
- b) the applicable Annex A table and row;
- c) labelling samples or label artwork;
- d) documented verification records in accordance with RS ARS 1552;
- e) ease allowance documentation per declared fit type;
- f) any declared fit type used for the product line; and
- g) the version or date of this Rwanda Standard and the dataset version underlying the Annex A values used.

12 Maintenance and review

12.1 Controlled content

Annex A tables shall be maintained as controlled normative content.

12.2 Data-driven revision triggers

Revision of this document may be triggered by the availability of a new Rwanda anthropometric dataset, formal inclusion of additional validated population groups, evidence of persistent systematic misfit, or other justified technical need.

12.3 Revision record

Any revision affecting Annex A shall identify the affected tables, the affected Rwanda size codes, and the date of effect.

12.4 Review cycle

This document shall be reviewed periodically in accordance with RSB procedures and in light of dataset updates. An initial review is recommended within 3 years of publication or when a new Rwanda anthropometric survey is completed, whichever is earlier.

NOTE The 3-year review cycle is in accordance with the recommendation in ISO 15535 on maintenance of anthropometric databases.

Annex A (normative)

Rwanda garment body-measurement size charts

A.1 General

This annex specifies the standardized Rwanda garment body-measurement size charts developed from the approved Rwanda anthropometric survey. The size charts are based on representative body measurements of the Rwandan population and are intended for the designation, selection and manufacture of ready-made garments.

NOTE The body measurements specified in this annex are intended for body-size designation and garment size selection. Garment dimensions and ease allowances are determined by the manufacturer according to the intended fit and garment style. They are not finished garment measurements or garment manufacturing specifications.

A.2 Female body measurement chart

Female body sizes for garment are designated by numeric sizes (6, 8, 10, 12, 14, 16, 18, 20, 22, 24 and 26) together with a stature classification indicating the intended body height category.

Female body size for garment designation uses the following coding format: RW-G-F-XX-Y and explained in Table A.2.1

Table A.2.1 — Rwanda female body size for garment-code format

Code element	Meaning
RW	Rwanda
G	Garment
F	Female
XX	Numerical body size for garment (06, 08, 10, 12, 14, 16, 18, 20, 22, 24 or 26)
Y	stature category: S(short), R(regular) and T(tall)

Table A.2.2 indicates female body measurement size chart – Short.

Table A.2.2 — Female body measurement size chart — Short

S/N	Parameter	RW-G-F-06-S	RW-G-F-08-S	RW-G-F-10-S	RW-G-F-12-S	RW-G-F-14-S	RW-G-F-16-S	RW-G-F-18-S	RW-G-F-20-S	RW-G-F-22-S	RW-G-F-24-S	RW-G-F-26-S
	Measurement cm	6	8	10	12	14	16	18	20	22	24	26
i.	Bust	76	80	84	88	92	96	100	104	110	116	122

ii.	Waist	60	64	68	72	76	80	84	88	94	100	106
iii.	Low waist	70	74	78	82	86	90	94	98	104	110	116
iv.	Hips	84	88	92	96	100	104	108	112	117	122	127
v.	Back width	31.4	32.4	33.4	34.4	35.4	36.4	37.4	38.4	39.8	41.2	42.6
vi.	Chest	28.8	30	31.2	32.4	33.6	34.8	36	37.2	39	40.8	42.6
vii.	Shoulder	11.5	11.75	12	12.25	12.5	12.75	13	13.25	13.6	13.9	14.2
viii.	Neck size	34	35	36	37	38	39	40	41	42.4	43.8	45.2
ix.	Dart	5.2	5.8	6.4	7	7.6	8.2	8.8	9.4	10	10.6	11.2
x.	Top arm	24.8	26	27.2	28.4	29.6	30.8	32	33.2	35.2	37.2	39.2
xi.	Wrist	14.5	15	15.5	16	16.5	17	17.5	18	18.7	19.4	20.1
xii.	Ankle	22.5	23	23.5	24	24.5	25	25.5	26	26.7	27.4	28.1
xiii.	High ankle	19.5	20	20.5	21	21.5	22	22.5	23	23.7	24.4	25.1
xiv.	Nape to waist	39.8	40.2	40.6	41	41.4	41.8	42.2	42.6	43	43.4	43.8
xv.	Front shoulder to waist	39.8	40.2	40.6	41	41.4	42.3	43.2	44.1	45	45.9	46.8
xvi.	Arm scye depth	19.8	20.2	20.6	21	21.4	21.8	22.2	22.6	23.2	23.8	24.4
xvii.	Waist to knee	57	57.5	58	58.5	59	59.5	60	60.5	61	61.5	62
xviii.	Waist to hip	19.7	20	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.4	22.7
xix.	Waist to floor	101	102	103	104	105	106	107	108	109	110	111
xx.	Body rise	25.9	26.6	27.3	28	28.7	29.4	30.1	30.8	31.8	32.8	33.8
xxi.	Sleeve length	57	57.5	58	58.5	59	59.5	60	60.25	60.5	60.75	61
xxii.	Sleeve length	53	53.5	54	54.5	55	55.5	56	56.25	56.5	56.75	57

Table A.2.3 indicates female body measurement size chart – Regular.

Table A.2.3 — Female body measurement size chart — Regular

S/N	Parameter	RW-G-F-06-S	RW-G-F-08-S	RW-G-F-10-S	RW-G-F-12-S	RW-G-F-14-S	RW-G-F-16-S	RW-G-F-18-S	RW-G-F-20-S	RW-G-F-22-S	RW-G-F-24-S	RW-G-F-26-S
	Measurement cm	6	8	10	12	14	16	18	20	22	24	26
i.	Bust	76	80	84	88	92	96	100	104	110	116	122
ii.	Waist	60	64	68	72	76	80	84	88	94	100	106
iii.	Low waist	70	74	78	82	86	90	94	98	104	110	116
iv.	Hips	84	88	92	96	100	104	108	112	117	122	127
v.	Back width	31.4	32.4	33.4	34.4	35.4	36.4	37.4	38.4	39.8	41.2	42.6
vi.	Chest	28.8	30	31.2	32.4	33.6	34.8	36	37.2	39	40.8	42.6
vii.	Shoulder	11.5	11.75	12	12.25	12.5	12.75	13	13.25	13.6	13.9	14.2
viii.	Neck size	34	35	36	37	38	39	40	41	42.4	43.8	45.2

ix.	Dart	5.2	5.8	6.4	7	7.6	8.2	8.8	9.4	10	10.6	11.2
x.	Top arm	24.8	26	27.2	28.4	29.6	30.8	32	33.2	35.2	37.2	39.2
xi.	Wrist	14.5	15	15.5	16	16.5	17	17.5	18	18.7	19.4	20.1
xii.	Ankle	22.5	23	23.5	24	24.5	25	25.5	26	26.7	27.4	28.1
xiii.	High ankle	19.5	20	20.5	21	21.5	22	22.5	23	23.7	24.4	25.1
xiv.	Nape to waist	39.8	40.2	40.6	41	41.4	41.8	42.2	42.6	43	43.4	43.8
xv.	Front shoulder to waist	39.8	40.2	40.6	41	41.4	42.3	43.2	44.1	45	45.9	46.8
xvi.	Arm scye depth	19.8	20.2	20.6	21	21.4	21.8	22.2	22.6	23.2	23.8	24.4
xvii.	Waist to knee	57	57.5	58	58.5	59	59.5	60	60.5	61	61.5	62
xviii.	Waist to hip	19.7	20	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.4	22.7
xix.	Waist to floor	101	102	103	104	105	106	107	108	109	110	111
xx.	Body rise	25.9	26.6	27.3	28	28.7	29.4	30.1	30.8	31.8	32.8	33.8
xxi.	Sleeve length	57	57.5	58	58.5	59	59.5	60	60.25	60.5	60.75	61
xxii.	Sleeve length	53	53.5	54	54.5	55	55.5	56	56.25	56.5	56.75	57

Table A.2.4 indicates female body measurement size chart – Tall.

Table A.2.4 — Female body measurement size chart — Tall

S/N	Parameter	RW-G-F-06-S	RW-G-F-08-S	RW-G-F-10-S	RW-G-F-12-S	RW-G-F-14-S	RW-G-F-16-S	RW-G-F-18-S	RW-G-F-20-S	RW-G-F-22-S	RW-G-F-24-S	RW-G-F-26-S
Measurement cm		6	8	10	12	14	16	18	20	22	24	26
i.	Bust	76	80	84	88	92	96	100	104	110	116	122
ii.	Waist	60	64	68	72	76	80	84	88	94	100	106
iii.	Low waist	70	74	78	82	86	90	94	98	104	110	116
iv.	Hips	84	88	92	96	100	104	108	112	117	122	127
v.	Back width	31.4	32.4	33.4	34.4	35.4	36.4	37.4	38.4	39.8	41.2	42.6
vi.	Chest	28.8	30	31.2	32.4	33.6	34.8	36	37.2	39	40.8	42.6

vii.	Shoulder	11.5	11.75	12	12.25	12.5	12.75	13	13.25	13.6	13.9	14.2
viii.	Neck size	34	35	36	37	38	39	40	41	42.4	43.8	45.2
ix.	Dart	5.2	5.8	6.4	7	7.6	8.2	8.8	9.4	10	10.6	11.2
x.	Top arm	24.8	26	27.2	28.4	29.6	30.8	32	33.2	35.2	37.2	39.2
xi.	Wrist	14.5	15	15.5	16	16.5	17	17.5	18	18.7	19.4	20.1
xii.	Ankle	22.5	23	23.5	24	24.5	25	25.5	26	26.7	27.4	28.1
xiii.	High ankle	19.5	20	20.5	21	21.5	22	22.5	23	23.7	24.4	25.1
xiv.	Nape to waist	41.8	42.2	42.6	43	43.4	43.8	44.2	44.6	45	45.4	45.8
xv.	Front shoulder to waist	39.8	40.2	40.6	41	41.4	42.3	43.2	44.1	45	45.9	46.8
xvi.	Armhole depth	20.6	21	21.4	21.8	22.2	22.6	23	23.4	24	24.6	25.2
xvii.	Waist to knee	60	60.5	61	61.5	62	62.5	63	63.5	64	64.5	65
xviii.	Waist to hip	19.7	20	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.4	22.7
xix.	Waist to floor	106	107	108	109	110	111	112	113	114	115	116
xx.	Body rise	26.9	27.6	28.3	29	29.7	30.4	31.1	31.8	32.8	33.8	34.8
xxi.	Sleeve length	59.5	60	60.5	61	61.5	62	62.5	62.75	63	63.25	63.5

xxii.	Sleeve length	53	53.5	54	54.5	55	55.5	56	56.25	56.5	56.75	57
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A.3 Male body-measurement chart

Table A.3.1 indicates Rwanda male body size for garments.

Table A.3.1 — Rwanda male body size for garments

Code element	Meaning
RW	Rwanda
G	Garment
M	Male
XX	Alphabetic body size for garment (XS, S, M, L, XL or 2XL)
Y	Stature category: XS (Extra Small), S (Small), M (Medium), L (Large), XL (Extra Large) and 2XL (Extra Extra Large)

Table A.3.2 indicates male body measurement size chart — Short.

Table A.3.2 — Male body measurement size chart — Short

S/N	Parameter	RW-G-M-XS-S	RW-G-M-S-S	RW-G-M-M-S	RW-G-M-L-S	RW-G-M-XL-S	RW-G-M-2XL-S
	Measurement cm	xs	s	M	L	XL	2XL
i.	Chest	86	91	97.5	101.5	108	113
ii.	Seat	88.9	93.5	98.5	103	108	113
iii.	Waist	72	77	82	87	92	97
iv.	Trouser waist position (4 cm - 6 cm below waist)	77	82	87	92	97	102
v.	Half back	18.4	19	19.6	20.2	20.8	21.4
vi.	Back neck to waist	41	41.4	41.8	42.2	42.6	43
vii.	Scye depth	20	20.8	21.6	22.4	23.2	24
viii.	Neck size	36.8	38	39.2	40.4	41.6	42.8
ix.	Sleeve length (one-piece)	54	55	57.5	60	61	62
x.	Sleeve length (two-piece)	76.8	78	79.2	80.4	81.6	82.8
xi.	Inside leg	68	69	70	71.6	73.7	75.8
xii.	Body rise	22	24	26	26.4	26.8	27.2

xiii.	Close wrist measurement	16.5	17	17.5	18	18.5	19
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Table A.3.3 indicates male body measurement size chart — Regular.

Table A.3.3 — Male body measurement size chart — Regular

S/N	Parameter	RW-G-M-XS-R	RW-G-M-S-R	RW-G-M-M-R	RW-G-M-L-R	RW-G-M-XL-R	RW-G-M-2XL-R
Measurement cm		XS	S	M	L	XL	2XL
i.	Chest	87	92	97	102	107	112
ii.	Seat	89	94	99	104	109	114
iii.	Waist	73	78	83	88	93	98
iv.	Trouser waist position (4–6 cm below waist)	77	82	87	92	97	102
v.	Half back	18.4	19	19.6	20.2	20.8	21.4
vi.	Back neck to waist	43	43.4	43.8	44.2	44.6	45
vii.	Scye depth	22	22.8	23.6	24.4	25.2	26
viii.	Neck size	36.8	38	39.2	40.4	41.6	42.8
ix.	Sleeve length (one-piece)	56	57	59.5	62	63	64
x.	Sleeve length (two-piece)	78.8	80	81.2	82.4	83.6	84.8
xi.	Inside leg	70	71	72	73.6	75.7	77.8
xii.	Body rise	24	26	28	28.4	28.8	29.2
xiii.	Close wrist measurement	16.5	17	17.5	18	18.5	19

Table A.3.4 indicates male body measurement size chart — Tall.

Table A.3.4 — Male body measurement size chart — Tall

S/N	Parameter	RW-G-M-XS-T	RW-G-M-S-T	RW-G-M-M-T	RW-G-M-L-T	RW-G-M-XL-T	RW-G-M-2XL-T
Measurement cm		XS	S	M	L	XL	2XL
i.	Chest	88	93.5	98.5	102.5	108	113
ii.	Seat	89	94	99	104	109	114

iii.	Waist	73	78	83	88	93	98
iv.	Trouser waist position (4–6 cm below waist)	77	82	87	92	97	102
v.	Half back	18.4	19	19.6	20.2	20.8	21.4
vi.	Back neck to waist	45	45.4	45.8	46.2	46.6	47
vii.	Scye depth	24	24.8	25.6	26.4	27.2	28
viii.	Neck size	36.8	38	39.2	40.4	41.6	42.8
ix.	Sleeve length (one-piece)	58	59	61.5	64	65	66
x.	Sleeve length (two-piece)	80.8	82	83.2	84.4	85.6	86.8
xi.	Inside leg	72	73	74	75.6	77.7	79.8
xii.	Body rise	26	28	30	30.4	30.8	31.2
xiii.	Close wrist measurement	16.5	17	17.5	18	18.5	19

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