

IMPORTANT

- 1. If the person taking the measurements is shorter than the person being measured, he (she) must use a stool when measuring the upper part of the body (ex : All body, mid-back to wrist bone, etc.)**
- 2. When you are measuring, always measure with the clothes you will be wearing underneath your suit.**
- 3. Remove any objects from your pockets before measuring.**
- 4. Always keep the measurement tape against the body while measuring.**
- 5. Never take measurements by yourself for yourself. Always ask to someone else to do it.**

HIGHLY RECOMMENDED

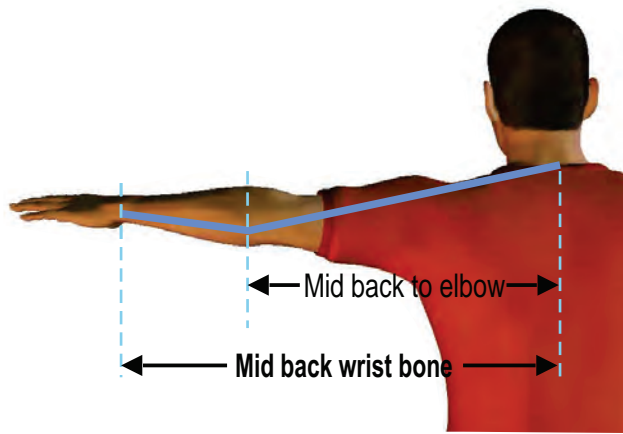
Here are few hints to help you taking measurements correctly.

NOTE : "User" is the **person being measured**.

1. The user must wear the **same clothing** (or equivalent) as he will wear under his new Ouragan suit.
2. Empty all your pants pockets.
3. The user must have his **shoes on** (for letter L)
4. When measuring the biceps, ask for "**Right or left handed**". Measure on the arm mostly used.
5. To better locate the neck bone, ask to the user **to bow his head**.
6. For letter I, the user keeps the tape at crotch. Verify for this:
 - **Never put the thumb or a finger under the tape.**
 - For men : **Place the tape at crotch (over the pack).**
 - Place pants **exactly the same way** as the user will wear his suit: Not higher or lower.
 - When the user wears loose pants, it's more difficult to take this measurement.
A good hint is to ask to the user to put on **a pair of jeans**, it reflects the same situation as getting the rig on.

For the measurements "I" (body), "K" (crotch to knee), "L" (crotch to floor) and "P" (all body):
It is highly recommended (for men) to wear a tight pair of jeans. It prevents unwanted mistakes.
7. For "**K**" (crotch to knee), "**L**" (crotch to floor) , it is **IMPORTANT** to also measure **K(alt)** and **L(alt)**
8. When measuring **Chest, Waist** and **hip**, **ensure the tape is even all around**.
A good hint is to stay at side ((not at front) of the user when measuring.
9. **CRITICAL LETTERS : I, P, K and L. Highly recommended : Use the alternate method** for these letters and add these values on the order form (ex: K (alt)
10. **ALWAYS keep the tape against the body**, it must follow the body curves.
11. **The person being measured** can't do it by itself.
Always ask to **someone** else to take the measurements. Ideally a **taller person**, otherwise **use a stool** as previously mentioned.
12. If you ask for a medium or loose fit, **never add a value** to your measurements. **We do it for you**.
13. **Always take** each measurement **at least 2 times** and use the **validation formula** for letters "**I**" and "**P**".

A - Mid back to wrist bone

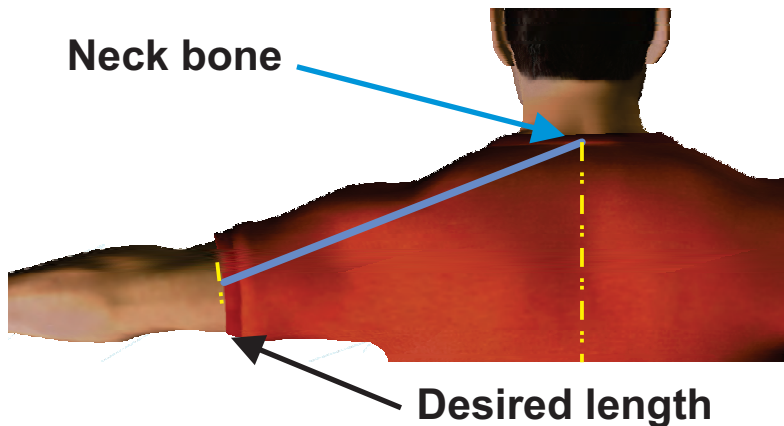


1. Hold your arm straight perpendicular to the body
2. Start measurement at neck bone, next to elbow and up to the wrist bone.

HINT :

You can bow your head at front to better locate the neck bone.

A1 - Neck bone to end of desired length (when asking for shorter sleeves)



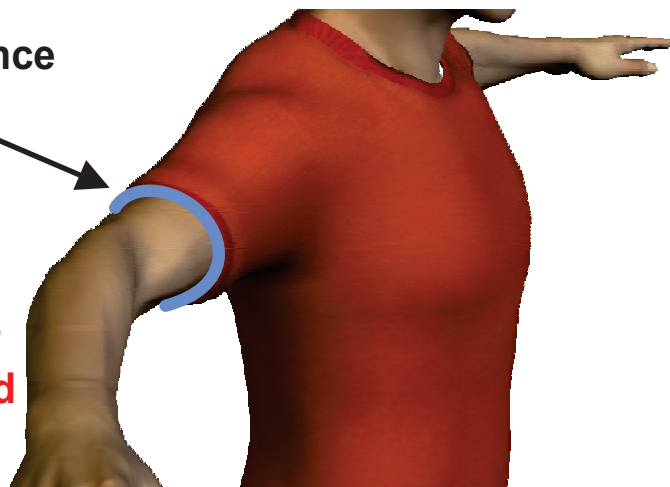
Measurement taken with clothes on.

A2 - Circumference at arm cuff

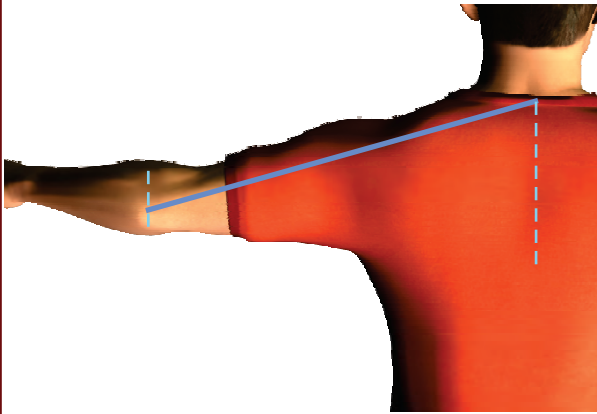
Measure the circumference at arm cuff point.

(same location as A1 desired length)

LEFT or RIGHT handed?
Measure the **mostly used arm.**

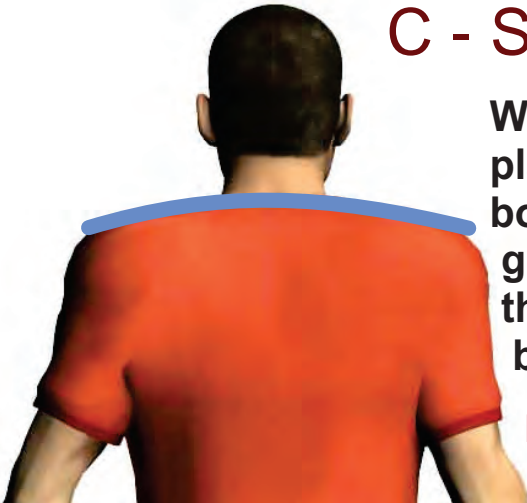


B - Mid back to elbow



Measurement taken on the back with arm perpendicular to body, starting from neck bone to the elbow.

C - Shoulder to Shoulder



With arms down at your side, place the tape on shoulder bone tip (where it starts to drop), go across the back passing over the neck bone to other shoulder bone tip.

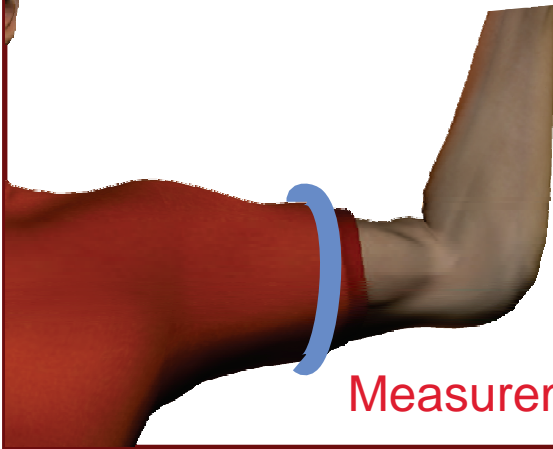
Measurement taken with clothes on.

D - Wrist



Measure around wrist, on wrist bone.

E - Biceps



Flex the right bicep if right handed or left if lefthanded, hold flexed and measure around the widest part of biceps.

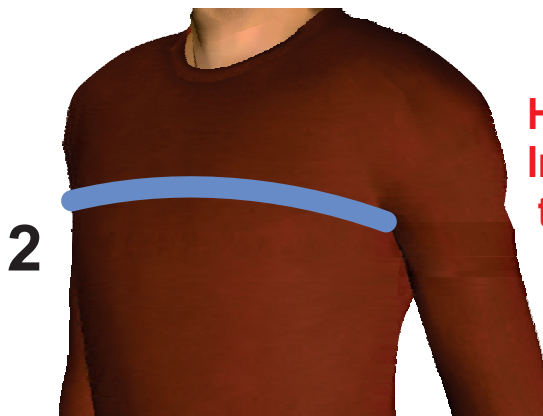
Measurement taken with clothes on.

F - Chest



1

1. Lift arms to pass the tape around chest then lower them.
2. Measure with arms down at nipple level where your chest is biggest (middle of breast)
3. Make sure the tape stays leveled all the way around.



2

HINT :

In order to ensure to measuring tape is even all around, hold aside the user.

Do the same for waist and hips measurements.

Measurement taken with clothes on.

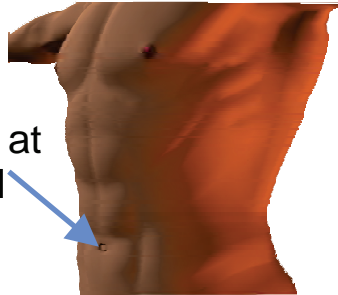
G1 - Waist



For suits and jackets

Measurement taken around stomach on navel

Tape at
navel
level



IMPORTANT
Stay straight
and relax.

Measurement taken with clothes on,
(unless the user wears nothing under his new suit)

G2 - Waist **For pants only**

Measurement taken around stomach, about 2,5 inches (6,4 cm) below navel or at the height where you wear your pants.

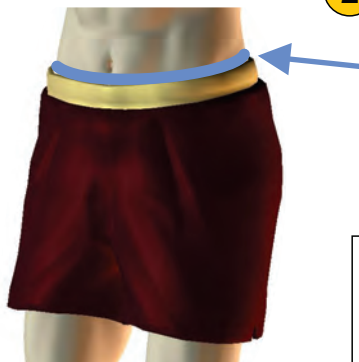


- 1** If you intend to wear a pair of pants, underneath your freely pants:

Measure G2 over the waist of these pants (at the illustrated location) without any belt on.



Tape on the pants, where the belt is usually located, but without belt on.



- 2** If you intend to wear only underwears under your pants :

Measure G2 above the pants waist, over the skin (at the illustrated location) without any belt on.

For pants of a 2-piece suit

Follow **1** procedure



H - Hips

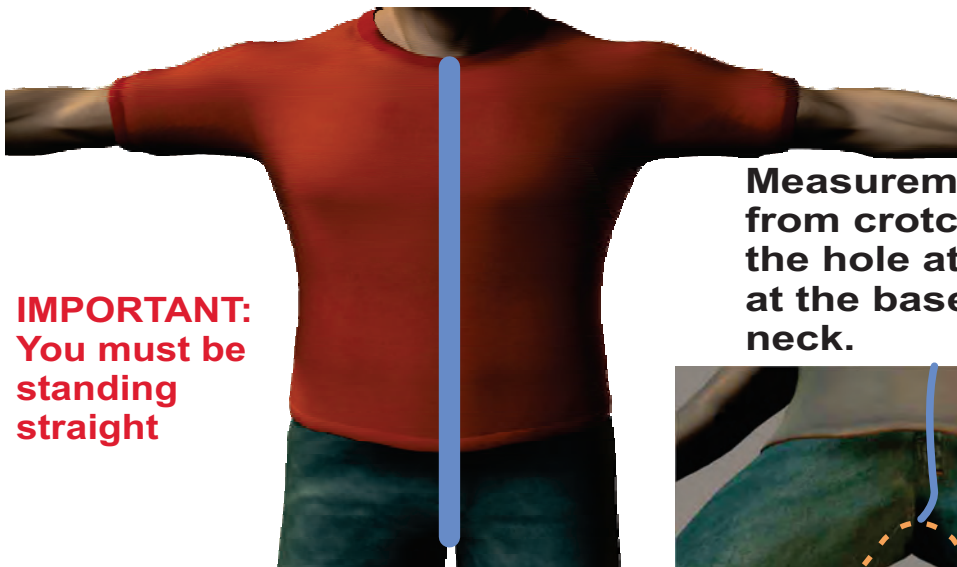
Measure around your hips at the widest part of your butt.

IMPORTANT : Empty pockets

Measurement taken with clothes on.

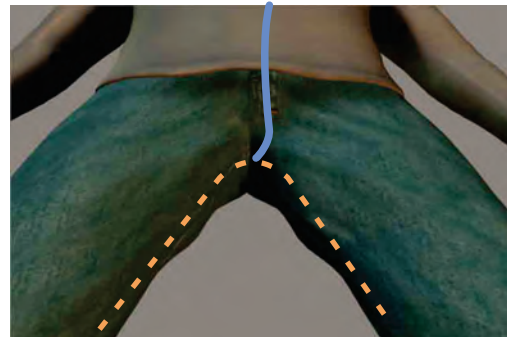
I - Body

This **measurement** is **very important**, read carefully each instruction on this page



IMPORTANT:
You must be standing straight

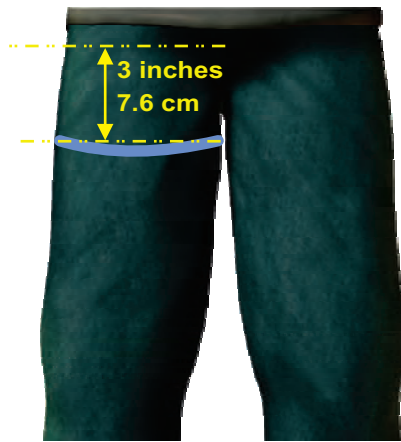
Measurement taken from crotch seam to the hole at throat at the base of the neck.



IMPORTANT :
FOLLOW THIS PROCEDURE

1. For men put a pair of jeans or closely tight. It reflects the situation when getting the rig on. Ample pants = measurement errors.
2. The person being measured:
 - a. With the right hand, hold the beginning of tape at middle of crotch (for men, put the tape over the pack).
 - b. With the left hand, bring the tape at belly button and hold it.
 - c. Release the beginning of tape.
 - d. Get straight
 - e. Never put your thumb under the tape.
4. The person taking the measurements bring the end of tape at hole in throat and take the measurement value.

Measurement taken with clothes on.



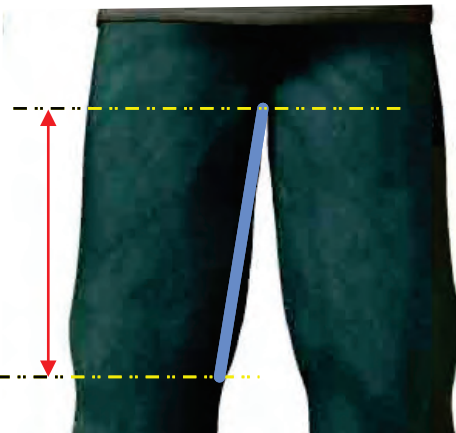
J - Thigh

Measure at the widest part of the thigh approximately 3 inches from the crotch.

IMPORTANT:

Sometimes one the thigh is larger than the other. Measure the larger thigh.

MEN, pull up your pants.



K - Crotch to knee

1. Measure from deep crotch to the middle of your knee (middle of knee bone).

2. The measure must be taken inside the leg.

MEN, pull up your pants.

HINT : The user can bent his leg to help finding the middle of knee cap.

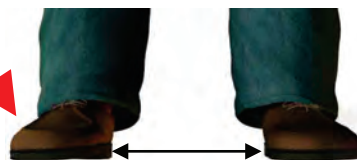
L - Crotch to floor



You must have your shoes on

Spread your feet about 12 inches (30.5 cm) apart and measure from deep crotch to floor with shoes on.

MEN, pull up your pants.



12 inches (30.5 cm)

Keep the tape against your leg.



L1 - Crotch to desired length

Measure from deep crotch to the derired length for pants.

The pants can end at upper knee area or below the knee.

This measurement will be the length of your pants, with your rig on.

MEN, pull up your pants.

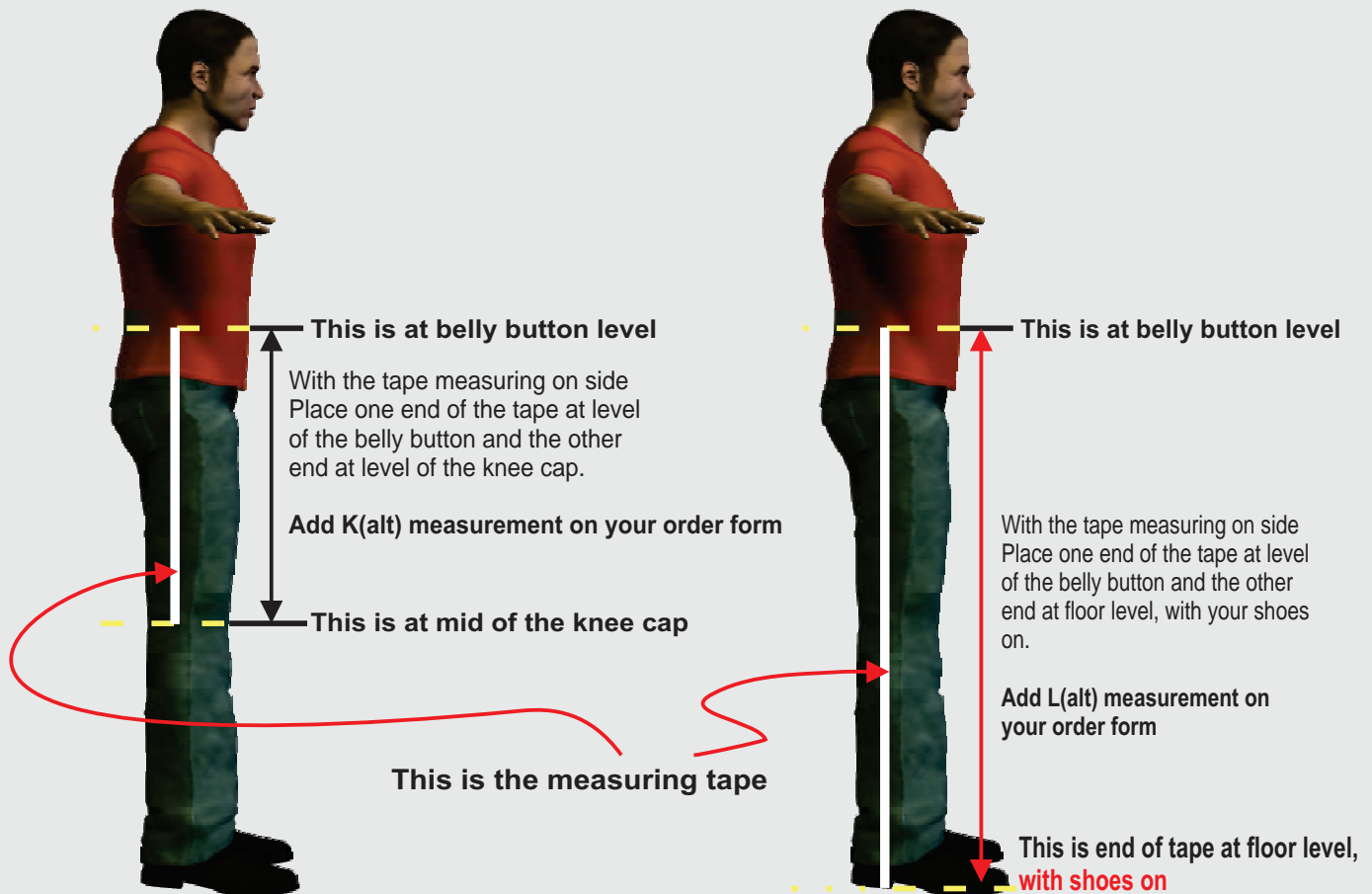
Mandatory

The alternate method is mandatory, it helps us to detect a problem (if any).

Alternate method for K and L - **Must be done and added on the order form**

K(alt) : Navel to knee, side measurement

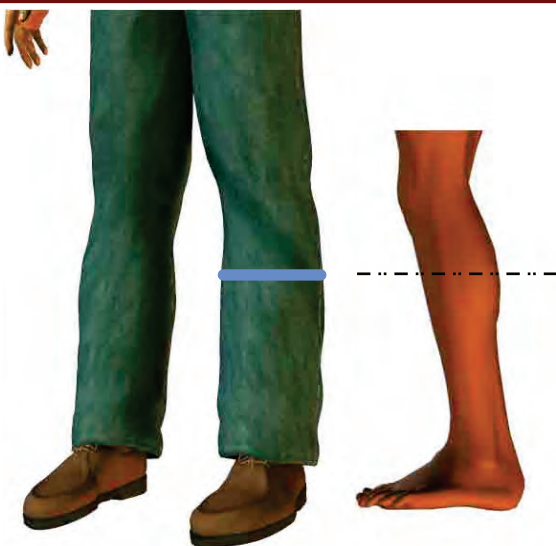
L(alt) : Navel to floor, side measurement



M - Calf

Measurement taken at the widest part of the calf.

Measurement taken with clothes on.



N - Ankle

Measure around your ankle bone



If you want to get Velcro cuffs when using boots under it, take the measurement around the boot

O - Neck

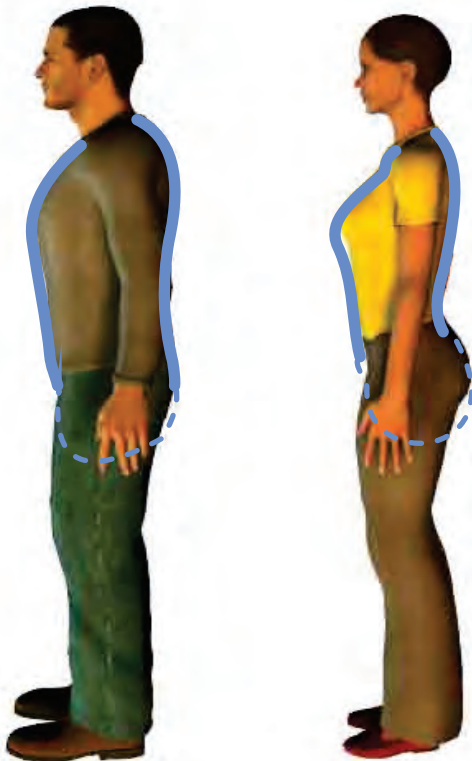
Measurement taken around the base of the neck.



Measurement taken around the base of the neck. **Not on Adam's apple**, it's too high, not on **T-Shirt border**, it's too low.

P - All Body

This measurement is the most important. Please take it a few times to ensure exactitude. See next page for another method.



MEN, pull up your pants.

IMPORTANT: You must be standing straight

Measurement taken with clothes on.

The following formula **must** be used to validate your measurement for letter I and P. Never try to match your measurements with the formula. If it does not match, revise the illustrated measurement tips and find what was incorrectly done. Here is the formula:

letter P - (2 x letter I) = value must be between 3.5 and 5.5
for children = value must be between 2.5 and 3.5

Example :

(1) I- Body = 34.5" and P - All body = 70 result = 1 - **Rejected**

(2) I- Body = 32" and P - All body = 68.5 result = 4.5 - **Accepted**

Q - Seat (for 2-piece suit)



MEN, pull up your pants.

Measure with the clothes you will be wearing underneath your suit. Start at the top of your belt, down between your legs, back up to the top of your belt at the back. Make sure your belt is where you want your suit's pants belt to be.

Q - Seat (for pants only)

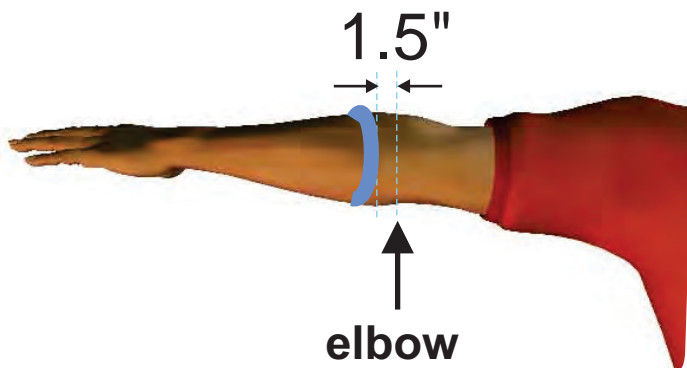


If you are wearing pants under your freely pants, proceed the same as above, for the 2-piece suit



Only underwears under your freely pants : Measure with the clothes you will be wearing underneath your pants (ex. boxers). Start at the top of your belt, down between your legs, back up to the top of your belt at the back. Make sure your belt is where you want your suit's pants belt to be.

MEN, pull up your pants.



R - Forearm circumference

Measure around your forearm, approximately 1.5 inches (3.5 cm) passed the elbow

Measurement taken with clothes on.

S - Elbow to wrist



Measure from your elbow point to your wrist

T - Knee circumference



Measure around your leg, approximately 1.5 inches (3.5 cm) higher than top of knee

Measurement taken with clothes on.

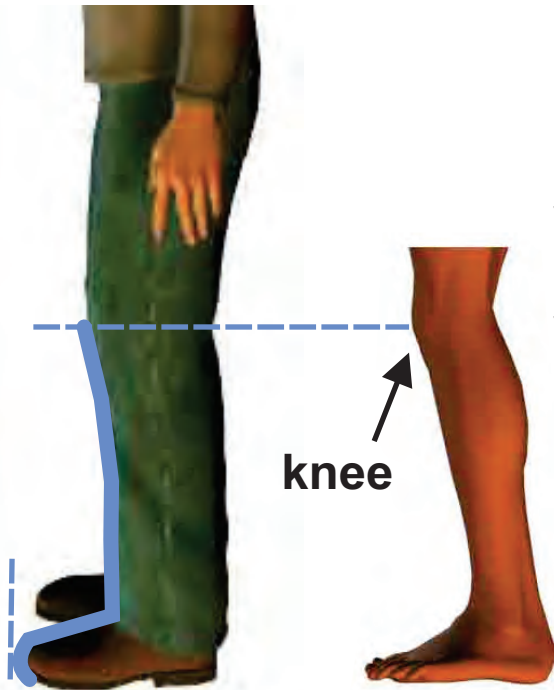
U - Shoe Circumference for RW



Measure the circumference of the shoe for RW suit.

V - Knee to shoe tip

Measure from the middle of your knee to the tip of your shoe, keeping the tape against your leg



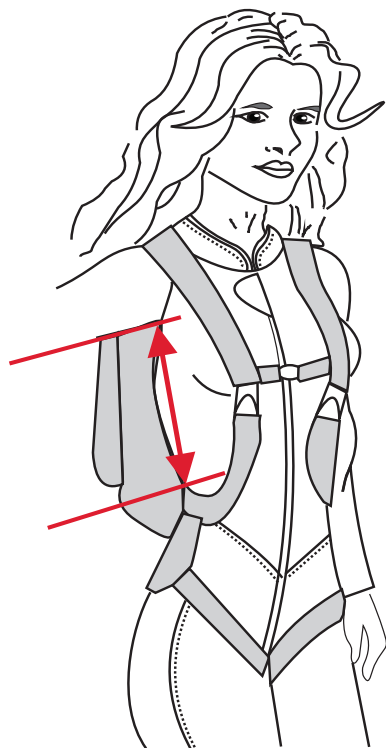
Measurement taken with clothes on.

W - Back of knee to floor

Measure from the back of your knee (crease) to the floor, with your shoes on.



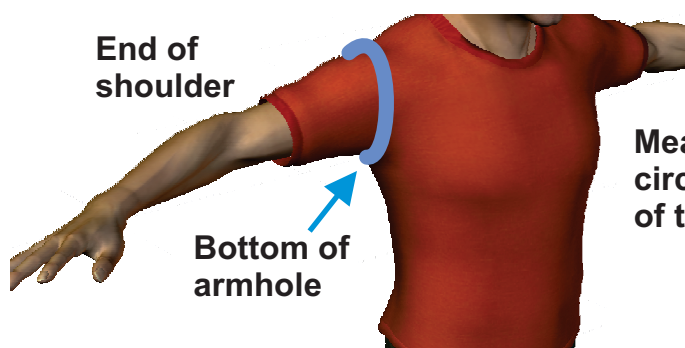
Measurement taken with clothes on.



**X - Armpit to start
of rig strap**

**This measurement must be
in between 8 inches and
11,5 inches.**

Y - Circumference of the armhole



**End of
shoulder**

**Bottom of
armhole**

**Measure the
circumference
of the armhole**

IMPORTANT

**Lower your arm
before taking
the measurement**



**Measurement
with
harness on.**

For women only



- 1 High waist**
Measure the waist at the narrowest area (usually just below the rib cage).
- 2 Hole in throat to high waist**
Measure from hole in throat to middle-waist, at the narrowest area.