



RICOCHET STRUCTURAL & PROXIMITY GEAR

SIZING INSTRUCTIONS

GENERAL GUIDELINES WHEN USING FABRIC MEASURING TAPE:

- Do not use other manufacturer's sizing or instructions.
- Do not allow individuals to measure themselves.
- Take into consideration additional clothing worn for protection (J-FIRE) or during colder months.
- Round all fractions up to the next whole number.
- Female patterns may be used during two exceptions.
 - Exception: A women's coat pattern is recommended if hips are 5 inches larger than the chest measurement, and/or
 - Hips are 5 inches larger than the waist/belly measurement.
- Always provide height and weight and any non-proportional measurements.
- Available sizes

Coats	Men's	Women's
Chest (2" increments)*	34"-60"	28"-50"
Length (2" increments)*	30"-36"	28"-34"
Sleeve (1" increments)	32"-38"	28"-34"
Pants	Men's	Women's
Waist (2" increments)*	30"-60"	28"-50"
Inseam (2" increments)*	26"-36"	24"-34"

* Must be even numbers

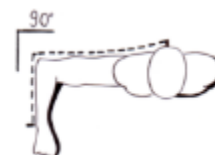
- Ensure all layers shall have **at least a 2-inch overlap*** between the coat and pant in both of the following positions:
 - Standing, hands together, reaching overhead as high as possible; and
 - Standing, hands together, reaching overhead with body bent forward, to the side and to back as much as possible.
 - *As required by **NFPA 1500**.

COATS

When using a tape measure, measure at the following locations over normal clothing.

Chest and the waist measurements will be larger than your normal clothes.

- 1) **Chest:** Measure around the fullest part of the chest, slightly below armpit—don't pull tape tight.
 - Let tape fit comfortably
 - Round up to next **even** number
 - Recommendation: If Firefighter has very broad shoulders, add 2" to the chest size
- 2) **Belly/Mid-section:** Measure around the belly, at the persons widest point—don't pull tape tight.
 - Let tape fit comfortably
 - Round up to next **even** number



- 3) **Sleeve Length:** Raise the arm so that it is at a 90° angle to the body. Bend your arm so your hand is toward your chest.
 - Measure from the spine, starting just below the base of the neck, around the shoulder and elbow to the start of the pinky finger
 - Round up to the **nearest inc**
- 4) **Coat Back Length:** Measure from the base of the neck down to preferred jacket length.
 - Round up to next **even** number
 - Ensure proper 2" overlap/coverage as defined by **NFPA 1500**
 - see General Guidelines
 - Review available lengths and standards in following tables:

Men's

Height	Typical Back Length
5'5" and shorter	30"
5'6" -6'1"	32" (standard)*
6'2"-6'4"	34"
6'5" and taller	36"

Women's

Height	Typical Back Length
5'2" and shorter	28"
5'3" -5'8"	30" (standard)*
5'9-5'11"	32"
6'0" and taller	34"

SAMPLE COAT ORDER:

If your measurements were: 44" chest | 42" belly | 31" back length | 36" sleeve length

Your coat size will be: 44" chest x 32" back length x 36" sleeve length

Sample Part Number: MM2-GBS-C-AFM-44-32-36*

**Note coats are ordered in: chest x coat back length x sleeve length sequence*

PANTS

When using a tape measure, measure at the following locations over normal clothing.

Chest and the waist measurements will be larger than your normal clothes.

- 1) **Waist:** Measure around waist, over the belt or pant waistband.
 - Round up to next **even** number
- 2) **Hip:** Measure around the fullest part of the hips.
- 3) **Leg Inseam:** Measure from the crotch to the ankle bone, ensuring that the individual is standing up straight.
 - Note your bunker pant inseam will be approximately 2" shorter than your pant/jeans inseam
 - Round down to closest **even** number
 - **Err on shorter side.**
 - i. If too long, pants may drag and tear
 - ii. If too short, boot or shoe will cover this area

SAMPLE PANT ORDER:

If your measurements were: 40" waist | 42" belly | 31" inseam

Your pant size will be: 42" waist x 30" inseam

Sample Part Number: MM2-GBS-PAA-AFM-42-30 *

**Note pants are ordered in: waist x inseam sequence*