

PHANTOM

SIZING GUIDE

MEASURE ↓	SIZE (INCHES) →	SM	MD	MDL	LG	LGL	XL	XLL	2X
A FRONT PROFILE CHEST WIDTH		9	9.75	9.75	10.5	10.5	11.25	11.25	12
B FRONT PROFILE WAIST WIDTH		17	18	18	19	19	20	20	21
C FRONT PROFILE LENGTH		12.5	13.25	14.75	14	15.5	14.75	16.25	15.5
D BACK PROFILE TOP WIDTH		9.75	10.5	10.5	11.25	11.25	12	12	13
E BACK PROFILE WAIST WIDTH		16	16.75	16.75	17.5	17.5	18.25	18.25	19
F BACK PROFILE LENGTH		14.5	15.25	15.75	16	16.5	17	17.5	17.75

DESIGNED TO FIT

	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
♂ MALE - HEIGHT GUIDELINES	5' 0"	5' 4"	5' 4"	5' 6"	5' 6"	5' 8"	5' 8"	5' 11"	5' 10"	6' 1"	6' 1"	6' 3"	6' 3"	6' 5"	6' 5"	6' 10"
♀ FEMALE - HEIGHT GUIDELINES	5' 0"	5' 5"	5' 5"	5' 8"	5' 7"	5' 10"	5' 10"	6' 2"	6' 0"	6' 5"	6' 4"	6' 7"	6' 6"	6' 9"	-	-

TORSO LENGTH	12.25	13.5	13	14.25	14.5	15.75	13.75	15	15.25	16.5	14.5	15.75	16	17.25	15.25	16.5
CHEST CIRCUMFERENCE	33	37	37	41	37	41	41	45	41	45	45	49	45	49	49	53
WAIST (C) CIRCUMFERENCE	29	33	31	35	31	35	33	37	33	37	34	38	34	38	36	40

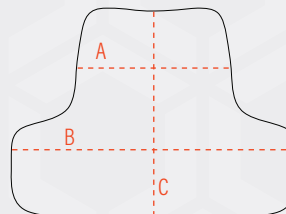
+ SIDE EXTENSIONS

	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9
MAX WAIST (C) WITH EXTENSION	41	47	43	49	43	49	45	51	45	51	46	52	46	52	48	54

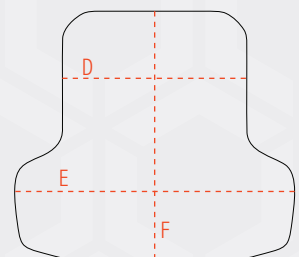
SIDE EXTENSIONS	6x6	6x9
G SIDE EXTENSION WIDTH	6	9
H SIDE EXTENSION HEIGHT	6	6



SIDE EXTENSION PROFILE



FRONT PROFILE



BACK PROFILE



PHANTOM

SIZING GUIDE

MEASURE ↓	SIZE (CM) →	SM	MD	MDL	LG	LGL	XL	XLL	2X
A FRONT PROFILE CHEST WIDTH		23	25	25	27	27	29	29	30
B FRONT PROFILE WAIST WIDTH		43	46	46	48	48	51	51	53
C FRONT PROFILE LENGTH		32	34	37	36	39	37	41	39
D BACK PROFILE TOP WIDTH		25	27	27	29	29	30	30	33
E BACK PROFILE WAIST WIDTH		41	43	43	44	44	46	46	48
F BACK PROFILE LENGTH		37	39	40	41	42	43	44	45

DESIGNED TO FIT

	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
♂ MALE - HEIGHT GUIDELINES	152	163	163	169	168	174	174	181	180	186	186	192	191	197	197	208
♀ FEMALE - HEIGHT GUIDELINES	152	165	165	174	171	179	179	187	184	193	193	201	198	206	-	-

TORSO LENGTH	31	35	33	37	36	41	34	39	38	42	36	41	40	44	38	42
CHEST CIRCUMFERENCE	84	94	94	104	94	104	104	114	104	114	114	124	114	124	124	135
WAIST (C) CIRCUMFERENCE	74	84	79	89	79	89	84	94	84	94	86	97	86	97	91	102

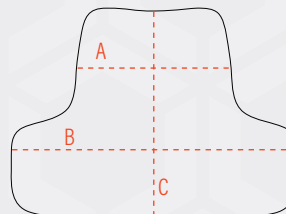
+ SIDE EXTENSIONS

	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9	+6x6	+6x9
MAX WAIST (C) WITH EXTENSION	104	119	109	124	109	124	114	130	114	130	117	132	117	132	122	137

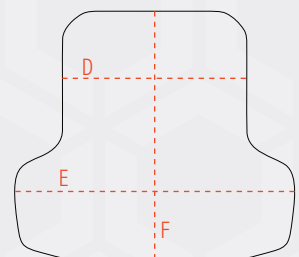
SIDE EXTENSIONS	6x6	6x9
G SIDE EXTENSION WIDTH	15	23
H SIDE EXTENSION HEIGHT	15	15



SIDE EXTENSION PROFILE



FRONT PROFILE



BACK PROFILE



PHANTOM

HOW TO MEASURE

SELECTING THE CORRECT VEST SIZE

- 1. TAKE BODY MEASUREMENTS** > Use a flexible tape measure and record all measurements carefully.
- 2. DETERMINE BASE SIZE BY HEIGHT** > Use your height as an initial reference point to identify the most suitable size range.
- 3. FRONT LENGTH** > If you are between sizes based on height, use Front Length measurements to determine your ideal fit. Measure from the clavicle notch (the "V" at the top of the sternum) down to the top of your duty belt, ensuring the tape measure remains flush against the sternum rather than pulling taut over the bust. For maximum accuracy and to ensure proper coverage in all positions, record this measurement while both standing and seated.
- 4. CHEST MEASUREMENT** > Measure around the fullest part of the chest, under the arms, keeping the tape level and arms relaxed at your sides. Use this measurement to determine appropriate chest and torso coverage.

GUIDANCE AND COVERAGE

CHEST > Your chest measurement determines the required front panel width. Measure circumference at fullest chest point, under arms. Keep arms relaxed; tape level.

WAIST > After determining desired chest coverage, add front (B) and back (E) panel width to determine waist coverage. To increase waist coverage, utilize side armor extensions (6x6 for up to +4" or 6x9 for up to +7" per side). If waist coverage remains inefficient, increase to larger front/back panels sizes as long as mobility is not hindered. If necessary, measure and submit for custom vest.

NOTES

Accurate sizing is critical to ensure proper coverage, mobility, and protection in the field. All measurements should be rounded to the nearest full inch.

Determine Size by Height. To accommodate additional waist circumference, add 6x6 or 6x9 side protection panels

For heights below 5ft / 152cm and over 6ft 10in / 208cm, or chest circumferences below 33in / 84cm or above 53in / 135cm, submit for custom.

- 5. WAIST MEASUREMENT** > Identify your natural waist by bending slightly to one side — the crease indicates the correct position. Measure around this point with the tape level, allowing slight room for comfort.
- 6. ADJUSTABILITY** > Additional waist coverage can be achieved through extension or side panel configurations.
- 7. BACK LENGTH** > Measure from the base of the neck to the duty belt. This measurement is for reference; the back panel is typically 1.5–2 inches (4–5 cm) longer than the front.
- 8. OPTIONAL SIDE PROTECTION** > 6x6 and 6x9 side armor plates are available to enhance lateral coverage where required.

CENTER FRONT LENGTH > Front and back panel lengths should align with your measurements to ensure full protection without restricting movement. Measure from clavicle notch to duty belt. Record standing and seated.

CENTER BACK LENGTH > Measure from base of the neck to duty belt. Reference only; typically 1.5–2inch / 4-5cm longer than front.

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