

# SIZING

## A | HEAD

To measure the head circumference, place the tape around the head just about an inch above the eyebrows.

## B | CHEST

To measure the chest circumference, place the tape around the fullest part of the chest, under the arms.

## C | WAIST

To measure the waist circumference, place a tape measure around your bare stomach just above the upper hip bone.

## D | HIP

Measure the circumference about 23cm/9in below the waistline. Stand with feet together.

## E | INSEAM

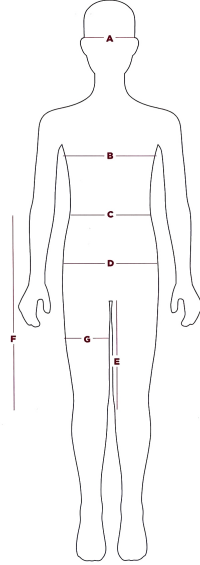
Measure from the crotch to the bottom of the leg (or desired length of hem), running vertically down the inside of the leg.

## F | OUTSEAM

Measure from waistline to the bottom of the leg (or desired length of hem), running vertically down the outside of the leg.

## G | THIGH

To measure the thigh circumference, place the tape around the fullest part of the thigh, below the crotch.



## LAUNCH PRO / PRO D30 GUARDS

\*Measured in inches

### ELBOW

Measurement	S	M	L
Bicep 3" above elbow	10" - 11"	11" - 12"	12" - 13"
Forearm - fullest part	9.5" - 10.5"	10.5" - 11.5"	11.5" - 12.5"

### KNEE

Measurement	S	M	L
Thigh 4" above knee	14.5" - 15.5"	15.5" - 16.5"	16.5" - 17.5"
Calf - fullest part	13.5" - 14.5"	14.5" - 15.5"	15.5" - 16.5"

## ENDURO GUARDS

\*Measured in inches

### ELBOW

Measurement	S	M	L	XL
Bicep 3" above elbow	10.5" - 11.5"	11" - 12"	11.5" - 12.5"	12" - 13"
Forearm - fullest part	10.75" - 11.75"	11.25" - 12.25"	11.75" - 12.75"	12.25" - 13.25"

### KNEE

Measurement	S	M	L	XL
Thigh 4" above knee	15.5" - 16.5"	16.5" - 17.5"	17.5" - 18.5"	18.5" - 19.5"
Calf - fullest part	13.5" - 14.5"	14" - 15"	14.5" - 15.5"	15" - 16"

## LAUNCH / SHORTY / SPORT

\*Measured in inches

### ELBOW

Measurement	S	M	L	XL
Bicep	11.5" - 12.75"	11.5" - 12.75"	13" - 14.75"	13" - 14.75"
Forearm - fullest part	10" - 11"	11" - 12"	11.25" - 12.5"	11.25" - 12.5"

### KNEE

Measurement	S	M	L	XL
Thigh	14.5" - 16"	14.5" - 16"	16" - 17.5"	16" - 17.5"
Calf - fullest part	13.5" - 15"	13.5" - 15"	15" - 16.5"	15" - 16.5"

## HELMETS

\*Measured in inches & centimeters

### SPEEDFRAME / SPEEDFRAME PRO

S	M	L
20.08" - 21.65"	21.65" - 23.25"	23.25" - 24.8"
51cm - 55cm	55cm - 59cm	59cm - 63cm

### RAMPAGE PRO CARBON / RAMPAGE COMP / RAMPAGE

XS	S	M	L	XL	XXL
20.75" - 21.25"	21.75" - 22.25"	22.25" - 23.25"	23.25" - 23.75"	23.75" - 24.75"	24.75" - 25.25"
53cm - 54cm	55cm - 56cm	57cm - 59cm	59cm - 60cm	60cm - 62cm	63cm - 64cm

### FLIGHT / FLIGHT SPORT

XS/S	M	L
20.875" - 21.25"	21.675" - 22"	22.5" - 22.875"
52cm - 54cm	55cm - 58cm	59cm - 61cm

### PROFRAME

S	M	L	XL
20.5" - 22"	22" - 23.125"	23.25" - 23.75"	23.75" - 25.25"
52cm - 56cm	56cm - 58cm	58cm - 61cm	61cm - 64cm

### DROPPFRAME PRO

S	M	L	XL
20.5" - 20.25"	21.25" - 22"	22" - 22.75"	23.75" - 23.5"
52cm - 54cm	54cm - 56cm	56cm - 58cm	58cm - 60cm

## MEN'S BOTTOMS

\*Measured in inches

Alpha Size	Numeric Size	Height	Pant Waist	Hip
XS	26	5'4"-5'6"	28	32-33
S	28	5'6"-5'8"	30	34-35
M	30	5'8"-5'10"	32	36-37
M	32	5'8"-5'10"	34	38-39
L	34	5'10"-6'	36	40-41
XL	36	5'11"-6'1"	38	42-43
XXL	38	6'-6'2"	40	44-45
XXL	40	6'-6'2"	42	46-47
XXXL	42	6'-6'2"	44	48-49
XXXL	44	6'-6'2"	46	50-51

## MEN'S TOPS

\*Measured in inches

Alpha Size	Height	Chest
XS	5'4"-5'6"	32-34
S	5'6"-5'8"	35-37
M	5'8"-5'10"	38-40
L	5'10"-6'	41-43
XL	5'11"-6'1"	44-46
XXL	6'-6'2"	47-50
XXXL	6'-6'2"	51-54

## MENS INS

\*Measured in inches

Product	Inseam
Defend Pant	32.5"
Defend Short	14.5"
Flexair Short	13"
Flexair Pant	31.75"
Flexair Vent Short	12"
Ranger Cargo Short	12"
Ranger Short	10"
Ranger Utility Short	13.75"
Ranger Wr Short	12"
Rawtek Short	12"

## WOMEN'S BOTTOMS

\*Measured in inches

Alpha Size	Numeric Size	Natural Waist	Hip	Thigh
XS	0	24	34.5	19.5
XS	2	25	35.5	20.25
S	4	26	36.5	21
S	6	27	37.5	21.75
M	8	28	38.5	22.5
M	10	29.5	40	23.5
L	12	31	41.5	24.5
L	14	32.5	43	25.5
XL	16	34	44.5	26.5

## WOMEN'S TOPS

\*Measured in inches

Alpha Size	Numeric Size	Chest	Waist	Hip
XS	0/2	32-33	24-25	34.5-35.5
S	4/6	34-35	26-27	36.5-37.5
M	8/10	36-37	28-29.5	38.5-40
L	12/14	38-40	31-32.5	40.5-43
XL	16	41-43	34-35.5	44.5

## WOMENS INS

\*Measured in inches

Product	Inseam
Womens Defend Pant	31"
Womens Defend Short	14.75"
Womens Flexair Short	13"
Womens Ranger Short	12"
Womens Ranger Tight	25"

## YOUTH'S BOTTOMS

\*Measured in inches

Alpha Size	Numeric Size	Age	Height	Waist (where pant sits on body)
S	22	6/7	46-49	22-23
M	24	8	50-53	24-25
L	26	10/12	54-59	26-27
XL	28	14	60-64	28-29

## YOUTH'S TOPS

\*Measured in inches

Alpha Size	Age	Height	Chest
S	6/7	46-49	24-25
M	8	50-53	26-27
L	10/12	54-59	28-29
XL	14	60-64	30-31

## YOUTH INS

\*Measured in inches

Product	Inseam
Youth Defend Pant	22.25"
Youth Defend S Short	7.5"
Youth Ranger Cargo Short	6.75"

## GLOVES

\*Measured in millimeters and inches

	YXS (4)	YS (5)	YM (6)	YL (7)	S (8)	M (9)	L (10)	XL (11)	XXL (12)	XXXL (13)	XXXXL (14)
Mens	-	-	-	-	182mm - 188mm 7.125" - 7.375"	188mm - 194mm 7.375" - 7.625"	194mm - 200mm 7.625" - 7.875"	200mm - 206mm 7.875" - 8.125"	206mm - 212mm 8.125" - 8.375"	212mm - 218mm 8.375" - 8.625"	218mm - 224mm 8.625" - 8.875"
Womens	-	-	-	-	170mm - 176mm 6.625" - 6.875"	176mm - 182mm 6.875" - 7.125"	182mm - 188mm 7.125" - 7.375"	188mm - 194mm 7.375" - 7.625"	-	-	-
Youth	132mm - 138mm 5.25" - 5.375"	138mm - 144mm 5.375" - 5.625"	144mm - 150mm 5.625" - 5.875"	150mm - 156mm 5.875" - 6.125"	-	-	-	-	-	-	-

