

FLAME PRO

902/903/992 Wildland Firefighter Suit

902 Jacket/903 Trouser/992 Coverall

Product Details

Size

Chest/Waist: XS - 4XL

Fit: Extra Short, Short, Regular, Tall, Extra Tall, XX Tall

Total 96 sizes from standard range
(both male and female fits)

Colour

Navy, Red, Yellow (not hi-vis)

Other colours are available subject to MOQ

Code

902 Jacket / 903 Trouser / 992 Coverall

Intended Use

Wildland firefighting operations and associated activities such as rescue work, assistance during disasters

EN Standards

- **BS EN ISO 13688:2013** / General PPE requirements
- **BS ISO 16073-3:2019** / Wildland firefighting personal protective equipment - Part 3: clothing
- **BS EN ISO 15384:2020** / Protective clothing for firefighters - laboratory test methods and performance requirements for wildland firefighting clothing
- **BS EN 1149-5:2018** / Electrostatic properties / EN 1149-3:2004 Charge decay



902 Jacket Features

- Strategic panelling that's ergonomically shaped for wearer comfort and ease of movement; underneath the arm and the sleeve at the elbow area
- Available in colours red to match trouser (as well as optional yellow)
- Concealed front zip closure covered by a storm flap
- Adjustable collar tab for better fit
- High shaped mandarin collar for better comfort and protection
- Thumb loop to stop sleeving riding up when arms are extended, features elastic attachment for ease of movement
- Adjustable cuff tabs for better fit and to prevent the entry of burning debris and provide secure closure with gloves
- Vertical welt pocket on right side as worn for survey maps
- Two bellow radio pockets, adjustable for different radio heights, flaps can accommodate radio antennas at both sides, pockets above top reflective tape
- Shoulder reinforcement and 3D padding for added comfort when wearing backpacks
- Stitched ventilation holes under each armpit
- All closures are easily operated whilst wearing gloves
- Two microphone loops at upper chest
- Double layer of fabric in the elbow area for added protection
- Napoleon pocket on left side as worn
- Whistle loop inside the Napoleon pocket
- Pen pocket underneath the storm guard
- Extended hem at the back to ensure full coverage of the lumbar region when bending
- Grab tab at the storm guard for easier opening when gloves are worn, additionally storm guard attached
- Using spot Velcro® closure for better closure system
- Reinforcement fabric at cuff hem for better abrasion resistance
- Industrial wash, flame retardant sew-on reflective tape, attached with twin needle stitching for added strength, 50mm wide
- Twin needle structural seams for added strength
- Main zip attached to zip carrier for easier repair



903 Trouser Features

- Ergonomically shaped knee panels
- Available in colours red to match jacket (as well as optional yellow)
- Centralised fly zip with inner zip guard
- Internal elasticated waist band at the back
- Front waist adjustment for better fit
- H-Bar Removable braces with quick adjustment
- Double layer crotch gusset for comfort
- Reinforced fabric at the knee and shin area, double layer of fabrics to protect against thorns and gorse or undergrowth
- Leg bottoms have a gusset and secured adjustable closure system to facilitate donning and doffing whilst wearing wildland boots.
- Two large bellow combat style pockets, featuring glove hanging loops, secured with reinforced edge flaps, including carabine snap hook, pocket size 16cm x 20cm
- All closures are easily operated whilst wearing gloves
- Reinforced leg hem for abrasion resistance
- Industrial wash, flame retardant sew-on reflective tape, attached with twin needle stitching for added strength, 50mm
- Twin needle structural seams for added strength
- Easier zip repair

992 Coverall Features

- Strategic panelling that's ergonomically shaped for wearer comfort and ease of movement; underneath the arm and the sleeve at the elbow area
- Available in colours red and yellow
- Concealed front zip closure covered by a storm flap
- Adjustable collar tab for better fit
- High shaped mandarin collar for better comfort and protection
- Thumb loop to stop sleeving riding up when arms are extended, features elastic attachment for ease of movement
- Adjustable cuff tabs for better fit and to prevent the entry of burning debris and provide secure closure with gloves
- Vertical welt pocket on right side as worn for survey maps
- Two bellow radio pockets, adjustable for different radio heights, flaps can accommodate radio antennas at both sides, pockets above top reflective tape
- Shoulder reinforcement and 3D padding for added comfort when wearing backpacks
- Stitched ventilation holes under each armpit
- All closures are easily operated whilst wearing gloves
- Ergonomically shaped knee panels
- Internal elasticated waist band at the back
- Front waist adjustment for better fit
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- Extended hem at the back to ensure full coverage of the lumbar region when bending
- Grab tab at the storm guard for easier opening when gloves are worn, additionally storm guard attached
- Using spot Velcro® closure for better closure system
- Reinforcement fabric at cuff hem for better abrasion resistance
- Twin needle structural seams for added strength
- Main zip attached to zip carrier for easier repair
- Reinforced leg hem for abrasion resistance
- Industrial wash, flame retardant sew-on reflective tape, attached with twin needle stitching for added strength, 50mm
- Side access



Uninhibited Comfort & Movement

Strategic panelling that is ergonomically shaped for wearer comfort and ease of movement

Glow in the Dark as Standard

Photoluminescent glow in the dark tape for operational effectiveness

State-of-the-art 3D Spacer

Shoulder reinforcement and 3D spacer over the main fabric for added comfort when wearing a backpack

Unrivalled Protection

Ergonomically shaped knee panels with reinforced fabric to protect against thorns, gorse, and undergrowth



Wearer Fit Guide (Female Fit)

Available Sizes (Female)

Size	Size Code	Chest (cm)	Chest (inches)	Waist (cm)	Waist (inches)	Hip (cm)	Hip (inches)
Extra Small	XS	84 - 92	33" - 36"	68 - 76	27"-30"	86 - 94	34" - 37"
Small	S	92 - 100	36" - 39"	76 - 84	30"-33"	94 - 102	37" - 40"
Medium	M	100 - 108	39" - 42"	84 - 92	33"-36"	102 - 110	40" - 43"
Large	L	108 - 116	42" - 45"	92 - 100	36"-39"	110 - 118	43" - 46"
Extra Large	XL	116 - 124	45" - 49"	100 - 108	39"-42"	118 - 126	46" - 49"
2x Large	2XL	124 - 132	49" - 52"	108 - 116	42"-45"	126 - 134	49" - 53"
3x Large	3XL	132 - 140	52" - 55"	116 - 124	45"-49"	134 - 142	53" - 56"
4x Large	4XL	140 - 148	55" - 58"	124 - 132	49"-52"	142 - 150	56" - 59"

Available Fits (Female)

Size	Height (cm)	Height (Feet)	Inside Leg (cm)	Inside Leg (Feet)
Extra Short	84 - 92	33" - 36"	68 - 76	27" - 30"
Short	92 - 100	36" - 39"	76 - 84	30" - 33"
Regular	100 - 108	39" - 42"	84 - 92	33" - 36"
Tall	108 - 116	42" - 45"	92 - 100	36" - 39"
Extra Tall	116 - 124	45" - 49"	100 - 108	39" - 42"
XX Tall	124 - 132	49" - 52"	108 - 116	42" - 45"

WEARER FIT GUIDE (Male Fit)

Available Sizes (Male)

Size	Size Code	Chest (cm)	Chest (inches)	Waist (cm)	Waist (inches)	Seat (cm)	Seat (inches)
Extra Small	XS	84 - 92	33" - 36"	68 - 76	27" - 30"	78 - 86	31" - 34"
Small	S	92 - 100	36" - 39"	76 - 84	30" - 33"	86 - 94	34" - 37"
Medium	M	100 - 108	39" - 42"	84 - 92	33" - 36"	94 - 102	37" - 40"
Large	L	108 - 116	42" - 45"	92 - 100	36" - 39"	102 - 110	40" - 43"
Extra Large	XL	116 - 124	45" - 49"	100 - 108	39" - 42"	110 - 118	43" - 46"
2x Large	2XL	124 - 132	49" - 52"	108 - 116	42" - 45"	118 - 126	46" - 49"
3x Large	3XL	132 - 140	52" - 55"	116 - 124	45" - 49"	126 - 134	49" - 53"
4x Large	4XL	140 - 148	55" - 58"	124 - 132	49" - 52"	134 - 142	53" - 56"

Available Fits (Male)

Size	Height (cm)	Height (Feet)	Inside Leg (cm)	Inside Leg (Feet)
Extra Short	156 - 164	5'2" - 5'5"	68cm	27"
Short	164 - 172	5'5" - 5'8"	73cm	29"
Regular	172 - 180	5'8" - 5'11"	78cm	31"
Tall	180 - 188	5'11" - 6'2"	83cm	33"
Extra Tall	188 - 196	6'2" - 6'5"	88cm	35"
XX Tall	196 - 204	6'5" - 6'8"	93cm	37"

Measuring Guide

Measurements must be taken wearing clothing usually worn underneath Wildland Fire garments. The tape measure should be fairly loose and not pulled too tight.

- **Height** - with bare feet together measure from the top of the head to the floor
- **Chest/Bust** - measure under the arms at the fullest part around the chest horizontally with arms by your side
- **Waist** - measure around the natural waistline at the fullest part
- **Seat/hips** - with the feet together measure around fullest part
- **Inside leg** - in bare feet take the measurement from the top of the inside leg and measure down the inside leg to the floor

Two-Piece (Jacket & Trouser)

Once measurements are taken compare them to the fit guide measurement tables to find your Jacket and Trouser size. When fitting the Trouser if the waist and seat/hip measurements fall into different size categories then choose the larger size. If the height and inside leg measurements fall into different length categories then choose the Jacket length based on the height measurement and the trouser length based on the inside leg measurement.

Both the Male and Female garments can be worn by either gender, there is no visible difference to the garments. Only the fit is different. The wearer should choose their sizes based on the body measurements to ensure the best fit. Please note both Jacket and Trouser must be the same fit, Male Jacket with Male Trouser or Female Jacket with Female Trouser.

One-Piece (Coverall)

Once measurements are taken compare them to the fit guide measurement tables to find your coverall size. When fitting the Coverall if the chest and seat/hip measurements fall into a different size category than the waist then choose the size based on the chest & seat/hip size. If the height and inside leg measurements fall into different length categories then choose the coverall length based on the longest length.

*If the height and inside leg lengths skip a length category, for example Height = Regular, & Inside leg: = X-Tall then please call customer service for further sizing assistance

Please note when using the measurement tables that all manufacturing tolerances and standard garment overmeasures have been taken into account. This ensures any slight variances in manufacture or fabric shrinkage after washing will not affect the fit of the garments.

Example wearer 1		Example wearer 2	
Body Measurement	Size Category	Body Measurement	Size Category
Height = 179cm	Regular	Height = 184cm	Tall
Chest/Bust = 105cm	Medium	Chest/Bust = 120cm	XL
Waist = 94cm	Large	Waist = 106cm	XL
Seat/Hip = 100cm	Medium	Seat/Hip = 125cm	XL
Inside Leg = 83cm	Tall	Inside Leg = 79cm	Regular

This wearer would choose the following male sizes: Jacket: Medium/Regular
Trouser: Large/Tall
Coverall: Medium/Tall

This wearer would choose the following female sizes: Jacket: XL/Tall
Trouser: XL/Regular
Coverall: XL/Tall

Washing, Maintenance & Repair Instructions

General PPE Maintenance Guidelines

- Wash the PPE regularly using specially adapted programs for contaminated emergency clothing
- The garments should be cleaned after incidents where they have been affected by fire gases or soiled by soot, by-products of combustion, blood, body fluids, tar, fuel, resin, paint, acid or other dangerous substances
- Contaminated clothing should be transported so that gases are enclosed
- Pressure clothing should be cleaned separately from other garments
- Do not hang the garment in direct sunlight, as UV radiation will eventually weaken the outer fabric
- Lubricate the zipper if it starts to go slow
- If heavily soiled then use special procedures for washing

Before Washing

- Ensure all zips within the garments are fastened
- Ensure all Velcro® closures are fastened
- Ensure all buttons are closed
- Ensure all pockets are empty
- Remove any detachable ID tags
- Relax any adjustable closures, typically in the cuff, collar, ankle, waist

After Washing And Drying

- Ensure closures are functioning after wash
- Ensure the fit of garment is still suitable, the garment is not too loose or close fitting
- There is a sufficient overlap between jacket and trouser when performing stretching movements of legs and arms
- There is no damage or soiling
- The clothing is dry on inside and outside
- Check seams integrity or broken stitches
- Check reflective tape condition

Repairs

The garment should be inspected regularly for any damages, repairs should be performed by a trained specialist, modifications to garment are not allowed. Any repair or modification made by unauthorised service centre will void the warranty.

Washing Instructions



Wash machine

Temperature set to 60°C



Tumble Dry Settings

One Dot: Low temperature max 50°C



Ironing

One Dot: Low temperature



Dry cleaning

P: Dry cleaning with perchlorethylene



Do not use bleach

Important Notes

- Ensure cleaning is performed by a trained specialist, do not clean in the private household
- Follow product care label instructions
- Do not use domestic washing detergents, powders, softeners or whitening agents
- Do not use a tunnel dryer
- Do not iron retro-reflective tape
- Do not wash with combustible materials

Storage

Store the garment in dry conditions, not in direct sunlight. Do not store in airtight containers or vacuum packed, do not store at temperatures less than -32°C or above 82°C, do not store in contact with contaminants such as (not limited to) oils, solvents, acids or alkalis.