

630/635 Advance Suit

Supremely breathable for mining incidents.

Engineered with unparalleled breathability, Advance provides ultimate comfort and effectively minimises the risk of heat stress even in the most confined mining scenarios. Advance – a suit that is one of a kind.

Designed without a moisture barrier, Advance has increased air permeability to keep firefighters cooler and more able to focus.

Styles

- 630 Structural Firefighting Jacket
- 635 Structural Firefighting Trousers

Colour

Gold | Green | Navy

EN Standards

- AS 4967:2019
Protective clothing for firefighters

Intended Use

- Firefighting operations and associated activities such as rescue work, assistance during disasters

Size Range

- Chest/Waist: XS-4XL
- Fit: Extra Short | Short | Regular | Tall | Extra Tall | XX Tall
Total 48 sizes from standard range (One fit)



Appropriate for:
Structural Firefighting



630 Advance Jacket

Features & Benefits

- Strategic panelling that's ergonomically shaped for wearer comfort and ease of movement
- Collar hanging loop
- High shaped mandarin collar for better comfort and protection
- Main zip attached to zip carrier for easier repair
- Two microphone loops at upper chest
- Main fabric shoulder reinforcement with internal FR 3D spacer shoulder
- Puncture resistant Kevlar® padding at the elbow
- Two large hip inner pockets to fit note pads, made from lightweight pocketing.
- Radio loop and adjustable strap at right chest area
- Adjustable strap and radio/torch pocket at left chest
- Napoleon pocket on left side as worn under the storm guard with whistle loop attached on the inside
- Thumb loop to stop sleeving riding up when arms are extended
- Extended hem at the back to ensure full coverage of the lumber region when bending
- Storm guard closure using spot Velcro® for ease of donning and doffing
- Reinforcement fabric at cuff hem and jacket hem for better abrasion resistance
- Industrial wash, 50mm wide flame retardant sew-on reflective tape, attached with twin needle stitching for added strength
- Twin needle structural seams for added strength
- Elbow and hem reinforcement option available



Jacket front



Jacket back

635 Advance Trouser

Features & Benefits

- Fixed H style braces with quick adjustment
- Side waist adjustment straps allow for additional wearer comfort
- Two large bellow combat style pockets secured with oversized, shaped pocket flaps for ease of use whilst wearing gloves
- Ergonomically shaped abrasion resistant knee reinforcement panels with
- Kevlar padding for additional puncture protection
- Fixed internal foam knee pads to ensure wearers' comfort
- Reinforced leg hem for abrasion resistance
- Centralised fly zip with inner zip guard - fly zip is covered with a storm guard
- Industrial wash, 50mm wide flame retardant sew-on reflective tape, attached with twin needle stitching for added strength.
- Twin needle structural seams for added strength
- Easier zip repair
- All closures are easily operated whilst wearing gloves



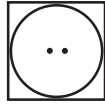
Trouser back

Trouser front

Washing Instructions



**Wash Machine
Temperature**
60°C



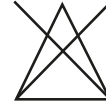
**Tumble Dry
Settings**
Two Dot:
Mid temperature
Max 80 degrees



Ironing
Two Dot:
High temperature



Dry Cleaning
P: Dry
cleaning with
perchloroethylene



**Do not use
bleach**

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

Before Washing

- Ensure all zips within the garments are fastened, including inspection zips on inside of garment
- Ensure all Velcro® closures are fastened
- Ensure all buttons are closed
- Ensure all pockets are empty
- Remove any detachable ID tags
- Remove all carabine snap hooks
- Relax any adjustable closures, typically in the cuff, collar, ankle, waist
- Check fluorocarbon finish before each wash by using a spray test, re-apply impregnation if needed. Always re-do the impregnation after chemical cleaning

After Washing & 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
- Perform a spray test to ensure the fluorocarbon finish is functioning
- Check seams integrity or broken stitches
- Check reflective tape condition

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.

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
- Washing machine must not be more than 80% capacity based on weight

Fluorocarbon Re-impregnation

The protective clothing should be re-impregnated regularly using a fluorocarbon resin-based treatment, it is recommended to re-impregnate the finish after 5 washing and drying cycles, the re-impregnation may be necessary after less washes which depends on the use of the garment, therefore it's recommended to test the finish using a spray test before each wash cycle.

Simply spray some water over the garment, if the water is absorbed into the fabric and does not drip off then re-apply the fluorocarbon finish. The re-impregnation can be done easily by adding the right impregnation product to the last of the rinsing water in the washing process.

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.

We recommend that the suit be removed from service if the repair costs exceed 50% of the replacement cost. Please contact FlamePro Global Ltd for advice.

Warranty

1 Year warranty from date of manufacture on structural seams and hardware, subject to wear & tear. Modifications or repairs made by unauthorised specialist will invalidate the warranty.

We recommend care and maintenance in line with BS 8617 which can be obtained from BSI shop (shop.bsigroup.com)