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SELF CONTAINED BREATHING APPARATUS (SCBA)

AF-BR101



Type	RHZKF6.8/30
Cylinder Volume	6.8 L
Working Pressure	300 bar
Air Storage Capacity	2,040 L
Cylinder Materials	Carbon fiber
Inhalation Resistance	≤500 Pa
Exhalation Resistance	≤1,000 Pa
Alarm Pressure	5.5 ± 0.5 MPa
Alarm Sound	≥90 dB
Using Temperature	−30°C to 60°C
Time of Using	60 mins
Model Alternatives	2 L, 3 L, 5 L and 6 L (option)

AF-BR102



Type	RHZKF9/30
Cylinder Volume	9 L
Working Pressure	300 bar
Air Storage Capacity	2,700 L
Cylinder Materials	Carbon fiber
Inhalation Resistance	≤500 Pa
Exhalation Resistance	≤1,000 Pa
Alarm Pressure	5.5 ± 0.5 MPa
Alarm Sound	≥90 dB
Using Temperature	−30°C to 60°C
Time of Using	90 mins
Model Alternatives	2 L, 3 L, 5 L and 6 L (option)

AF-BR103



Type	RHZKF6/30
Cylinder Volume	6 L
Air Storage Capacity	800 L
Cylinder Materials	Steel
Working Pressure	300 bar
Alarm Pressure	5.5 ± 0.5 MPa
Lining	Kevlar, Nomex or Aramid
Full Face Mask Material	Silicone
Using Temperature	−30°C to 60°C
Standard	CCS / EC / RS



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PORTABLE CLOSED CIRCUIT OXYGEN BREATHING APPARATUS

AF-BR405



PRODUCT DETAILS – AF-BR405

Product Name	Portable closed circuit Oxygen Breathing Apparatus
Duration	120 / 240 mins
Work Pressure for Oxygen Bottle	20 MPa
Capacity for Oxygen Bottle	1.4 / 2.4 L
Oxygen Storage	280 / 480 L
Weight	11 – 12 kg
Breathing Rate	30 L/min
Exhaling Resistance	0 – 600 Pa
Inhaling Resistance	≤700 Pa
Fixed Oxygen-supplying	1.4 – 1.7 L/min
Manual or Automatic Oxygen-supplying	≥80 L/min
Start Pressure for Auto-supplying Valve	10 – 245 Pa
Inhaling Carbon Dioxide Concentrations	≤1%
Inhaling Oxygen Concentration	≥21%
Warning Pressure for Alarm	4 – 6 MPa
Warning Time for Alarm	30 – 60 s
Sound Level	80 dB

TROLLEY BREATHING APPARATUS

AF-EB406



PRODUCT DETAILS – AF-EB406

Product Name	Trolley Breathing Apparatus
Cylinder Volume	6.8 L, 9 L for option
Working Pressure	300 bar
Cylinder Materials	Carbon Fiber, or steel for option
Inhalation Resistance	≤500 Pa
Exhalation Resistance	≤1,000 Pa
Alarm Pressure	5.5 ± 0.5 MPa
Alarm Sound	≥90 dB
Using Temperature	30 – 60°C
Time of Using	240 mins
Number of Cylinder	4 or 2 for option

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INTELLIGENT AIR BREATHING APPARATUS

AF-BR201



PRODUCT DETAILS – AF-BR201

Product Name:
Intelligent Air Breathing apparatus

Components:

1. 6.8L SCBA sets with Mask with communication system
2. Pressure reducer (First stage regulator)with time indication
3. Valve suprapressure (Mask-mounted regular)
4. Digital pressure gauge
5. Chemical PC. with HUD

Can install with:

- Wireless pressure sensor
- Personal bodyguard terminal
- Backcourt alarming device



EEBD

AF-EB301



PRODUCT DETAILS – AF-EB301

Product Name: EEBD with gas mask
Cylinder Volume: 3L
Working pressure: 200 Bar
Cylinder Materials: carbon fiber
Time of using: ≥ 20 mins
Structure: compressed air bottle, pressure reducer, pressure gauge, gas ducts, full face gas mask ect.

AF-EB302



PRODUCT DETAILS – AF-EB302

Product Name: EEBD with hood
Cylinder Volume: 2L
Working pressure: 200 Bar
Cylinder Materials: Steel
Inhalation resistance: ≤500pa
Exhalation resistance: ≤1000pa
Alarm pressure: 5.5±0.5Mpa
Using temperature: –30°C---60°C
Time of using: ≥ 15 mins

AF-EB303



PRODUCT DETAILS – AF-EB303

Product Name: EEBD with hood
Cylinder Volume: 2L
Working pressure: 200 Bar
Cylinder Materials: Steel
Inhalation resistance: ≤500pa
Exhalation resistance: ≤1000pa
Alarm pressure: 5.5±0.5Mpa
Using temperature: –30°C---60°C
Time of using: ≥ 15 mins

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ELECTRIC AIR RESPIRATOR

AF-BR401



AF-BR402



PRODUCT DETAILS

Product Name	Bel Mask Respirator
Air Supply Flow Rate	First gear: 150 L/min Other gear: up to 300 L/min
Outer Shell Material	ABS
Dimension (L × W × H)	225 × 160 × 95 cm
Working Voltage	9 – 15 V
Charging Power Supply	110 – 240 V
Electric Current	33.8 A
Applicable Number of User	1
Capacity of Lithium Power	7,200 mAh
Wind Pressure	716 – 1,000 Pa

POWERED LONG TUBE BREATHING APPARATUS

AF-BR403



AF-BR404



PRODUCT DETAILS

Product Name	Powered Long Tube Breathing Apparatus
Type	Electrical type
Tubes Length	10 meters or 20 meters for options
Users	1 to 4 persons for options
Air-intake Device	Powered fan, battery-driven fan, explosion-proof powered fan for options
Voltage	220 V
Power	260 W (1–2 persons) / 350 W (3–4 persons)
Pressure	≥1,000 Pa
Air Flow Rate	≥100 L/min
Inhalation Resistance	≥100 Pa
Exhalation Resistance	<1,000 Pa

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AIR COMPRESSOR

AF-AC01





PRODUCT DETAILS – AF-AC01

Compressor Media	Air
Working Temperature	-20°C to +50°C
Safety Valve Set Pressure	220 / 330 bar
Working Pressure	200 / 300 bar
Flow Rate	200 L/min
Compression Stage	4
Cylinder No.	4
Driving Mode	Electric motor
Size / Weight	1000 mm x 570 mm x 720 mm / 139 kg
Power	4 kW
RPM	1,440 r/min
Voltage / Frequency / Noise Pressure	380 V / 50 Hz / ≤80 dB
Standard	EN12021, EN12021 and CCC certificate

AF-EB404



PRODUCT DETAILS – AF-EB404

Motor Type	Elector motor
Flow Rate	100 L/min
Working Pressure	225 / 300 bar
Power	5.5 HP
Charging Capacity	Could only charge one cylinder one time

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OTHER PARTS

AF-BM101



AF-BM102



AF-BM103



AF-BM104



AF-BM105



AF-BH206



AF-BH207



AF-BH208



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OTHER PARTS

AF-BC301
Carbon Fiber Cylinder



AF-BC302
Steel Cylinder



AF-BC303
Aluminum Cylinder



AF-BV401



AF-BV402



AF-BV403



AF-BV404



AF-BX501



AF-BX502



AF-HUD



AF-DPG-1



AF-DPG-2



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BACKPACK

AF-BK101



PRODUCT DETAILS – AF-BK101

Product Name	Backpack Water Sprayer
Material	Heavy-Duty PVC / Tarpaulin
Capacity	Approx. 20 L (Adjustable)

Features

- Lightweight and durable.
- Suitable for fire suppression, mop-up and forest fire operations.
- Ergonomic shoulder straps for comfort.
- Equipped with hand pump and spray nozzle.

AF-BK102



PRODUCT DETAILS – AF-BK102

Product Name	Backpack Fire Sprayer
Material	Heavy-Duty PVC / Nylon
Capacity	Approx. 20 L

Features

- Durable, tear-resistant material.
- Comfortable backpack harness with padding.
- Equipped with hand pump and spray nozzle.
- Suitable for grass, bush and forest fire operations.

AF-BK201



PRODUCT DETAILS – AF-BK201

Product Name	Hydration Backpack
Material	Nylon / Polyester
Capacity	2 – 3 L (Water Bladder)

Features

- Lightweight and ergonomic design.
- Includes water bladder with drinking tube.
- Ideal for long operations and outdoor activities.
- Adjustable shoulder and chest straps for a secure fit.

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RESCUE EQUIPMENT

AF-XB203



PRODUCT DETAILS – AF-XB203

Product Name	Firefighter Emergency Rescue Knapasck
Material	1000D Cordura Fire Resistant Waterproof PU Glue Composite Fabric
Size	70 × 20 × 30 cm
Volume / Weight	70 + 10L / ≤ 2.3 kg

PRODUCT FEATURES

- YKK zipper and 3M fire resistant reflective tape.
- Thickened high temperature resistant resin buckle.
- Thickened high temperature resistant webbing.
- External pull chain handles.
- Ultra-light aluminum alloy brackets.
- Rubber non-slip mats.
- Shock-proof sponges.
- Breathable mesh fabrics.

AF-XB301



PRODUCT DETAILS – AF-XB301

Product Name	Cylinder Cover
Material	270gsm Fire Resistant Fabric
Volume	For 6.8L Carbon Fiber Cylinder or 9L
Color	Orange and Black (Optional)

PRODUCT FEATURES

- Made from durable, fire-resistant fabric (270gsm).
- Suitable for 6.8L carbon fiber cylinder or 9L.

COLOR OPTIONS



Orange



Black

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TURNOUT GEAR BAG

AF-XB103



PRODUCT DETAILS – AF-XB103

Product Name	Firefighter Turnout Gear Bag
Material	600D Polyester
Size	16 × 16 × 34 cm

PRODUCT FEATURES

- You asked for it we made it! The Deluxe Gear Bag.
- We made it possible to take all your equipment with you in one bag.
- It includes a ventilation pouch to help keep your gear dry and stay mildew free.
- Also has a name plate holder for easy identification as well as reflective striping makes it easy to find even at night.
- This Is A Firefighter Must Have!

AF-XB104



PRODUCT DETAILS – AF-XB104

Product Name	Gear Bag
Material	600D Polyester
Size	26″ × 18″ × 30″

PRODUCT FEATURES

- Wanting & Needing More Out Of Your Bag? Large & Strong Enough For All Your Gear Plus!
- Made of heavy-duty water resistant nylon with three large compartments.
- All stitching is triple reinforced with webbing handles traveling across entire length of bag for extra strength.
- Four shoulder strap anchor points giving you more options & comes with Maltese Cross print.
- Step in to your boots and pull up pants....when packing bag just step in bag and pull gear down, then zip.
- Maltese Cross Print Included.
- Measures 26"W x 18"H x 30"L.

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RESCUE & MEDICAL BAGS

AF-XB201





PRODUCT DETAILS – AF-XB201

Product Name	Firefighter Wildland Bag
Material	1680D Polyester

PRODUCT FEATURES

- Designed by Hotshots, our mid-sized fire pack has capacity to carry extra gear for those long days in the field.
- Fuse pockets, fire shelter or SAR case, huge side pockets, and room for lots of water.
- SCS patented load-strapping suspension.
- 100oz (3L) hydration pocket (reservoir not included).
- Removable Nergen Cation Fire Shelter case (fits standard & large shelter).
- Zippered side pockets each hold two 1L bottles.
- 12 fuse carrying capacity.
- Interior mesh organizer pockets.
- No swing fire shelter case.
- 3/4-inch dual density foam padding in hip belt & harness.

Dimensions	15" × 10" × 16"
Capacity	2250 cu in
Weight	4 lbs
Materials	1000D Cordura, Nylon Webbing, #10 & #8 YKK Zipper, Nylon Webbing, Nylon Hardware
Sizes	Small or Standard (Hipbelt/Harness)

AF-XB202



PRODUCT DETAILS – AF-XB202

Product Name	Emergency Medical Bag
Material	600D Polyester
Size	21.25" × 13" × 7"

COLOR OPTIONS



Navy Orange Red Royal Blue Black

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TURNOUT GEAR BAG

AF-XB101



PRODUCT DETAILS – AF-XB101

Product Name	Turnout Gear Bag
Material	600D Polyester
Size	80 × 38 × 43 cm

PRODUCT FEATURES

- This wheeled bag is virtually indestructible.
- Fully moulded top, bottom and sides.
- Largest zippers available.
- Retractable luggage-style handle can be "zipped" away.
- Larger and wider wheels than similar bags.
- Two D-rings for attaching shoulder strap.
- Larger bag than any competitors.

AF-XB102



PRODUCT DETAILS – AF-XB102

Product Name	Firefighter Gear Bag
Material	600D Polyester
Size	16" × 16" × 34 cm

PRODUCT FEATURES

- The Deluxe Gear Bag Without Wheels.
- We made it possible to take all your equipment with you in one bag.
- Includes a ventilation pouch to help keep your gear dry and stay mildew free.
- Also has a name plate holder for easy identification.
- Reflective striping makes it easy to find even at night.
- This Is A Firefighter Must Have!
- Padded Shoulder Strap, Wheels For Easy Transport.

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FIRE & RESCUE BOOTS

AF-FFB101



AF-FFB102



AF-FFB103



AF-FFB103



PRODUCT DETAILS – AF-FFB101 to AF-FFB103

Product Name: Firefighter Boots.

Material: Flame-resistant rubber with shock-absorbing, waterproof, oil-resistant, anti-slip and acid/alkali-resistant properties. Features a steel toe cap and steel midsole for enhanced foot protection.

Inner Lining: Sterilised canvas lining with sponge cushioning to provide comfort and effective foot protection.

Inet Weight: ≤2.78 kg per pair.

Voltage Resistance: ≥5,000 V.

Steel Midsole Puncture Resistance: ≥1,000 N.

Standards: Complies with EN 15090, EN ISO 20345 and GA 6-2004 standards.

AF-FFB201



AF-FFB202



AF-FFB203



AF-FFB204



PRODUCT DETAILS – AF-FFB201 to AF-FFB204

Product Name: Firefighter Boots.

Height & Weight: 16 inches (40 cm) high, approximately 3.2 kg per pair.

Outer Shell: High-density flame- and heat-resistant rubber.

Inner Lining: Available with carbon fibre or Kevlar lining.

Design & Comfort:
- Vulcanised pull-on loops for easy wearing.
- 100% polyurethane insole to reduce foot, leg and back fatigue.
- Protective midsole with puncture-resistant steel plate and steel ladder shank.

Outsole: Lug-design outsole with anti-slip, abrasion-resistant, self-cleaning and hydrocarbon-resistant properties.

Toe Protection: ASTM and CSA Grade 1 steel toe cap.

Standards: Meets NFPA 1971, NFPA 1992, CSA Z195-09 and EN 15090:2012 requirements.

Available Sizes:
- Full sizes: 3 – 16.
- Half sizes: 5.5 – 15.5.

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FIRE & RESCUE BOOTS

FIREFIGHTER RESCUE BOOTS

AF-RB01



AF-RB02



AF-RB03



AF-RB04



PRODUCT DETAILS – AF-RB01 to AF-RB04

Product Name: Firefighter Rescue Boots.

Material: Imported first-layer cowhide leather with rust-resistant components, steel midsole plate, flame-retardant foam lining and abrasion-resistant Cambrelle lining.

Puncture Resistance: ≥18,000 V.

Available Sizes: 39 – 45.

Weight: ≤3.3 kg per pair.

Packaging: 1 pair per box, with 10 individual boxes per carton.

Standard: Complies with EN 15090.

Applications: Suitable for police officers, firefighters, rescue teams and personnel involved in climbing operations.

Key Features: Lightweight, abrasion-resistant and breathable, providing comfort and reliable protection during demanding operations.

WATER RESCUE BOOTS

AF-WRB01



AF-WRB02



AF-WRB03



PRODUCT DETAILS – AF-WRB01 to AF-WRB03

Product Name: Water Rescue Boots.

Colour: Black.

Material: More than 5 mm titanium-coated neoprene upper with elastic diving material lining.

Design & Fit:
- High-cut design for enhanced ankle protection and comfort.
- Adjustable buckle and hook-and-loop fastening for a secure fit.
- Ergonomic design to minimise foot discomfort during extended wear.

Protective Features:
- Thermal insulation.
- Puncture and cut resistance.
- Anti-slip properties.
- Durable construction for water rescue operations.

Inner Features:
- Built-in drainage mesh for efficient water drainage.
- Insole thickness of more than 5 mm.
- Shock-absorbing cushioning.
- Odour-resistant, antibacterial and breathable properties.

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TACTICAL BOOTS

AF-TB01



AF-TB03



AF-TB02



AF-TB04



PRODUCT DETAILS – AF-TB01 / AF-TB02 / AF-TB03 / AF-TB04

- **Product Name:** Tactical Boots.
- **Material:** More than 5 mm titanium-coated neoprene upper with elastic diving material lining.
- **Design & Fit:** High-cut design for enhanced ankle protection and comfort.
- **Puncture Resistance:** Steel midsole for puncture protection.
- **Outer Shell:** Ergonomic design to minimise foot discomfort during extended wear.
- **Protective Features:** Thermal insulation, anti-slip properties and durable construction.
- **Inner Features:** Breathable, abrasion-resistant and shock-absorbing cushioning.
- **Standards:** Complies with EN 15090, EN ISO 20345 and GB 6-2004 standards.

OILFIELD BOOTS

AF-OFB01



AF-OFB02



PRODUCT DETAILS – AF-OFB01 / AF-OFB02

- **Product Name:** Oilfield Safety Boots.
- **Material:** Imported first-layer genuine cowhide leather.
- **Toe Protection:** Steel toe cap with anti-impact and crush-resistant properties.
- **Midsole:** Reinforced steel plate for puncture protection.
- **Insole:** Breathable and comfortable insole for enhanced foot support.
- **Outsole:** Heat-resistant rubber sole capable of withstanding temperatures up to 350°C.

FIRE FIGHTER SOCKS

AF-FS01



PRODUCT DETAILS – AF-FS01

- **Product Name:** Firefighter Socks.
- **Material:** Kevlar fibre for enhanced heat and flame resistance.
- **Available Colours:** Customisable colours according to requirements.

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FULL FACE EU FIRE FIGHTING HELMETS

AF-FH101



AF-FH102



AF-FH103



AF-FH104



AF-FH105



AF-FH106



AF-FH107



AF-FH108



AF-FH109



AF-FH110



PRODUCT FEATURES

- Kevlar and fibreglass reinforced composite shell.
- High-gloss polyurethane paint finish with impact-resistant liner.
- Heat resistance up to 1,000°C for 10 seconds and 260°C for over 30 minutes.
- High impact and side collision resistance.
- Provides full head, face and neck protection.
- Fluorescent and reflective strips for high visibility.
- Skin-friendly Nomex chin strap.
- Complies with EN443 and NFPA 1971 standards.
- Available colours: Yellow, Red and Silver.

ADDITIONAL SPECIFICATIONS

- Outer shell made from high-performance flame-retardant material.
- Visor made from high-grade polyetherimide (PEI) fibre.
- Complies with GA2007 and EN443 standards.
- OEM & ODM customization available, including logo and design.
- Available colours: Yellow, Red, Blue and White.

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USA TYPE HALF FACE FIRE FIGHTING HELMETS

AF-FH201



AF-FH202



AF-FH203



AF-FH204



PRODUCT FEATURES

- Teflon and fibreglass reinforced composite shell.
- Comfortable sure-lock ratchet headband.
- Balanced 4-point nylon crown straps.
- 6-point chinstrap with quick-release buckle.
- Rip-stop Nomex ear and neck protector.
- Leather ratchet cover.
- Complies with EN443 and NFPA 1971 standards.
- Available colours: Yellow, Red and Black.

KOREAN TYPE FIRE FIGHTING HELMETS

AF-FH301



AF-FH302



AF-FH303



AF-FH304



PRODUCT FEATURES

- High-temperature resistant voltage composite material.
- Polyurethane punch shell.
- Adjustable head size: 52–64 mm.
- Waterproof and flame-resistant chinstrap with aluminium foil coating.
- Balanced 4-point nylon crown straps.
- 6-point chinstrap with quick-release buckle.
- Leather ratchet cover.
- Complies with GA44 and EN443 standards.
- Available colours: Yellow, Red and White, with customisation options.

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FIRE FIGHTING RESCUE HELMETS

AF-FH401



AF-FH402



AF-FH501



AF-FH502



AF-FH503



AF-FH504



PRODUCT FEATURES

- Reinforced composite shell.
- High-gloss paint finish.
- Adjustable head size: 52–64 mm.
- Reinforced 6-point ribbon cradle.
- Built-in polycarbonate eye protector.
- Complies with GA44 and EN443 standards.
- Available colours: Red and Orange, with customisation options.

ADDITIONAL SPECIFICATIONS (AF-FH501 – AF-FH504)

- High-temperature resistant composite material.
- Polyurethane punch shell (LV-FHH201-3).
- Adjustable head size: 52–64 mm.
- Waterproof and flame-resistant chinstrap with aluminium foil coating.
- Balanced 4-point nylon crown straps.
- 6-point chinstrap with quick-release buckle.
- Leather ratchet cover.
- Complies with GA44 and EN443 standards.
- Available colours: Yellow, Red and White, with customisation options.

FIRE FIGHTING RESCUE HELMETS

AF-WR601



AF-WR602



PRODUCT FEATURES

- High-gloss ABS shell with EVA padding.
- Suitable for water rescue, fire rescue and wilderness lifesaving operations.
- Complies with CE EN 1385 standard.
- Available colours: Red and Orange, with customisation options.

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ANTI ROIT HELMETS & AMICE

ANTI ROIT HELMETS

AF-AR701



AF-AR702



AF-AR703



PRODUCT FEATURES

- Anti-riot helmet with black finish.
- Visor transparency: ≥92.16%.
- Operating temperature: -20°C to 55°C.
- Net weight: ≤1.48 kg per piece.
- Inner lining features a 3-point suspension net, EVA padding and cushioning.
- Available colours: White, Black, Dark Blue and Army Green.

AMICE / NECK PROTECTOR

AF-FA801



AF-FA802



AF-FA801



PRODUCT FEATURES

- Available materials: Kevlar, Aluminium and Nomex.
- Specifications: Customisable according to requirements.
- Available colours: Yellow, Black, Silver, Orange, Red and other options.

ANTI ROIT HELMETS ACCESSORIES

AF-FH401



AF-FH402



PRODUCT FEATURES

- Material options: Nomex, Kevlar and rib-knitted fabric consisting of 50% meta-aramid, 48% FR viscose and 2% antistatic fibre.
- Available styles: Open-face, open-eye and other options.
- Available colours: Black, White, Navy Blue, Yellow and more.
- Complies with NFPA and EN 13911:2004 standards.

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HEAD LAMP & GOGGLE

HEAD LAMP

AF-HL01



AF-HL02



AF-HL03



AF-HL04



AF-HL05



AF-HL06



PRODUCT FEATURES

- Rechargeable lithium battery.
- Voltage options: 3.7V / 11.1V.
- Operating lifespan: Over 100,000 hours.
- Features: Waterproof, anti-riot and impact-resistant.
- Functions: Strong light and work light modes, providing firefighters and rescue personnel with a wider field of vision during operations.

GOGGLE

AF-FSG01



AF-FSG02



AF-FSG03



AF-FSG04



PRODUCT FEATURES

- Lens material: Imported polycarbonate.
- Frame material: Fire-resistant PVC.
- Features: Easy buckle fastening, high-temperature, acid and alkali resistance, blocks 99% of UV rays, and adjustable headband.

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DOUBLE FILTER GAS MASK

AF-GS2001



AF-GS2002



AF-GS2003



AF-GS2004



AF-GS2005



AF-GS2006



PRODUCT DETAILS

Product Name	Double Filter Gas Mask
Material	100% Natural Silicon (Full Face Mask – Optional)
Standard	RD40 Connection (EN148-1)
Filter Type	Double Filter (RD40)
Application	Industrial, Firefighting, Rescue, Chemical Protection

PRODUCT FEATURES

- Comfortable with good seal, the vision rate reaches above 95%.
- Nose cup is a standard feature to prevent fogging and optimize air quality.
- Efficient metal diaphragm microphone provides clear voice.
- The side connection is easy to leaned goals and connect the powered air breathing tube.

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FIRE ESCAPE MASK

AF-GS5001



PRODUCT DETAILS – AF-GS5001

Model Name	Fire Escape Mask
Using Time	15 minutes (optional 30 minutes)
Standard	CE & EN, ISO Approved
Net Weight	515 g
Working Temperature	-25°C – 60°C
Inhalation Resistance	≤ 800 Pa
Exhalation Resistance	≤ 300 Pa
Vision Rate	≥ 95.2%

PRODUCT FEATURES

- Quick Escape in Fire Emergency
- 15 / 30 Minutes Protection
- CE & EN, ISO Approved
- Lightweight (515 g)
- Wide Working Temperature (-25°C – 60°C)
- High Visibility (≥ 95.2%)
- Low Breathing Resistance (Inhalation ≤ 800 Pa) Exhalation ≤ 300 Pa)

CANISTERS & CARTRIDGES



AF-CN01
Multi-Gas Cartridge
(General Purpose)



AF-CN02
Organic Vapour Cartridge
(A-type)



AF-CN03
Acid Gas Cartridge
(B-type)



AF-CN04
Particle Filter Cartridge
(P-type)



AF-CN05
Multi-Gas Combination Cartridge
(A/B/E/K type)



AF-CN06
Filter Cartridge
(High Efficiency)

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MILITARY GAS MASK

AF-GS4001



AF-GS4002



AF-GS4003



AF-GS4004



AF-GS4005



PRODUCT DETAILS

Product Name	Military Gas Mask
Cartridge	Aluminum Can
Filter Capacity	5 mg/L, 80–80% RH condition: Hydrocyanic acid ≤ 50 minutes (at 30 L/min, 3 mg/L condition)
Oil Mist Penetration	Coefficient ≤ 0.005% (at 30 L/min)
Inhalation Resistance	≤ 186 Pa (at 30 L/min)
Exhalation Resistance	≤ 100 Pa (at 30 L/min)
Visual Field	Total ≥ 75%, Binocular ≥ 30%
Storage Life	More than 8 years
Application	Military, Police, Civil Defence and Industrial Use

PRODUCT FEATURES

- High protection against toxic gases (e.g. Hydrocyanic acid).
- Effective oil mist filtration (≤ 0.005%).
- Low inhalation resistance (≤ 186 Pa) for comfortable breathing.
- Low exhalation resistance (≤ 100 Pa) for easy airflow.
- Wide and clear field of vision (≥ 75%).
- Durable aluminum canister with long service life.
- Reliable protection for military, police, civil defence and industrial operations.

SPECIFICATION SUMMARY

Cartridge	Oil Mist	Inhalation	Exhalation	Visual Field	Storage Life
Aluminum Can	≤ 0.005%	≤ 186 Pa	≤ 100 Pa	≥ 75%	> 8 Years

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HALF FACE GAS MASK

AF-GS3001



AF-GS3002



AF-GS3003



AF-GS3004



AF-GS3005



AF-GS3006



PRODUCT FEATURES

- The rotating interface of the filter box is equipped with a silicone seal ring to better fix the filter box.
- Press the filter cotton cover design, fixing the filter cotton more stable, no leakage.
- High efficiency activated carbon, large absorption capacity, low resistance, long protection time.
- Highly effective anti-fog drip filter element, low respiratory resistance, effective protection of paint spray, and extend the protection time of poison filter box.
- Unique fan type exhalation valve, low resistance to exhalation, not stuffy, more rapid exhalation chamber of moisture, heat, dry and comfortable.
- One-way drainage valve, discharge specific internal steam, dry and comfortable.

KEY SPECIFICATIONS

Product Name	Half Face Gas Mask
Interface	Rotating Interface with Silicone Seal Ring
Filter	High Efficiency Activated Carbon (Filter Cotton)
Exhalation Valve	Fan Type Exhalation Valve (Low Resistance)
Drainage Valve	One-Way Drainage Valve (Discharge Internal Steam)
Protection	Against Paint Spray, Dust, Organic Vapour & Harmful Gas
Duration	Long Protection Time (Depending on Filter Type)

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SINGLE FILTER GAS MASK

AF-GS1001



AF-GS1002



AF-GS1003



AF-GS1004



AF-GS1005



AF-GS1006



SPECIFICATION

- Material: 100% natural silicon; soft and comfortable with good impact resistance ability;
- High efficiency activated carbon, large absorption capacity, low resistance;
- 3D human nature curve design, more spacious field of vision;
- Five-point headband, fast plate buckle, easy and convenient, head uniform stress, no sense of pressure;
- Unique sound transmission device, both working and communicating correctly;
- RD40 international common interface, can connect canister with catheter.

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FIRE FIGHTING GLOVES

AF-FG101



MODEL NAME

Flame-Retardant Cotton Firefighting Gloves

- Material: Fire-resistant cotton fabric.
- TPP Value: ≥28.5 cal/cm².
- Tear Strength: ≥60.8 N.
- Ventilation Rate: ≥5,000 g/m²/24h.
- Hydrostatic Pressure: ≥17,000 Pa.
- Net Weight: ≤218 g per pair.
- Size: Maximum length of 28.2 cm and width of 12.7 cm.
- Available Colours: Navy Blue, Orange, Khaki and Red.
- OEM Service: Customised logos and patterns available.
- Packaging: 100 pairs per standard carton box (40 × 50 × 60 cm).

AF-FG102



MODEL NAME

Firefighting Cotton Gloves

- Material: Flame-retardant cotton fabric with soft plush lining for enhanced comfort.
- Structure: 3-layer protective construction.
- Available Colours: Navy Blue, Orange, Khaki and Red.
- Standard: GA compliant.

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FIRE FIGHTING GLOVES

AF-FG201



AF-FG202



PRODUCT DETAILS – AF-FG201 & AF-FG202

- **Material:** Nomex/aramid blended fabric with ripstop woven construction.
- **Moisture Barrier:** Nomex or aramid substrate with PTFE waterproof membrane.
- **Thermal Lining:** Nomex or flame-retardant (FR) fibre.
- **Comfort Layer:** Nomex/viscose blended fabric.
- **Available Colours:** Navy Blue, Orange, Khaki and Red.
- **Standards:** Complies with EN 659 and GA standards.

AF-FG203



AF-FG204



PRODUCT DETAILS – AF-FG203 & AF-FG204

- **Structure:** 4-layer protective construction consisting of flame-retardant, waterproof, thermal insulation and comfort layers.
- **Material:** Ripstop Nomex IIIA flame-retardant fabric, TPU waterproof membrane, aramid insulation felt, flame-retardant needle-punched fabric, Kevlar lining, heat-resistant silicone-coated abrasion-resistant fabric, burn-resistant strips and stainless-steel metal accessories.
- **Available Sizes:** 32 cm and 40 cm lengths.
- **Standards:** Complies with EN 659, EN 407, EN 420 and EN 388 standards.

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FIRE FIGHTING GLOVES

AF-FG301



AF-FG302



AF-FG303



AF-FG304



PRODUCT DETAILS – AF-FG301 to AF-FG304

Material: 100% genuine cowhide leather with fireproof, waterproof, abrasion-resistant and cut-resistant properties, featuring Kevlar or Nomex lining.

Stitching: Reinforced with Kevlar/aramid thread for enhanced durability and strength.

Style: Five-finger glove design.

Features: Breathable, comfortable, durable and provides excellent protective performance.

Standards: Complies with EN 659 and GA standards.

AF-FG305



AF-FG306



AF-FG307



AF-FG308



PRODUCT DETAILS – AF-FG305 to AF-FG308

Material: Flame-retardant cowhide split leather with fireproof, waterproof, abrasion-resistant and cut-resistant properties. Designed with waterproof, moisture-breathable fabric and Kevlar, plush or flame-retardant cotton lining.

Stitching: Kevlar/aramid reinforced stitching for enhanced strength and durability.

Style: Five-finger glove design.

Features: Breathable, comfortable, durable and offers reliable protective performance.

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FIRE FIGHTING GLOVES

AF-FG401



AF-FG402



AF-FG403



AF-FG404



AF-FG405



AF-FG406



PRODUCT DETAILS – AF-FG401 to AF-FG404

- **Material:** Kevlar/aramid blended fabric or 100% genuine sheepskin leather.
- **Palm:** Genuine cowhide leather for enhanced durability and protection.
- **Hand Protection:** Anti-impact protection design on the back of the hand.
- **Visibility:** Equipped with 3M reflective tape for improved visibility.
- **Comfort Layer:** Nomex/viscose blended fabric.
- **Available Colours:** Navy Blue, Orange, Khaki and Red.
- **Standards:** Complies with EN 659 and GA standards.

PRODUCT DETAILS – AF-FG405 to AF-FG406

- **Material:** 100% genuine deerskin or cowhide leather.
- **Inner Lining:** Soft velvet lining for added comfort.
- **Moisture Barrier:** Aramid spunlace substrate with PTFE waterproof membrane.
- **Reflective Strips:** Equipped with 3M reflective tape for enhanced visibility.
- **Standards:** Complies with EN 388 and GA 10-2002 standards.
- **Applications:** Suitable for structural firefighting, road rescue, wildland operations and forest firefighting activities.

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HEAT RESISTANT GLOVES

AF-HG501



AF-HG502



AF-HG503



AF-HG504



AF-HG505



AF-HG506



AF-HG507



AF-HG508



MATERIAL
Kevlar, aluminium foil flame-retardant fabric and cowhide composite material, offering cut and abrasion resistance.

INNER CONSTRUCTION
Multi-layer heat insulation with high-temperature-resistant materials for enhanced hand protection.

HEAT RESISTANCE
Available in 600°C or 1,000°C options, withstanding direct fire exposure for approximately 15–20 seconds.

APPLICATIONS
Suitable for aluminium processing, industrial tunnel ovens, electric welding, metalworking, glass processing, solar cell manufacturing and other high-temperature industrial environments.

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HEAT RESISTANT GLOVES

AF-HG509



AF-HG510



AF-HG511



AF-HG512



AF-HG513



PRODUCT NAME	Cryogenic Protective Gloves.
TEMPERATURE RANGE	-250°C to +148°C.
MATERIAL	Kevlar and aluminium foil flame-retardant fabric with cut-resistant and abrasion-resistant properties.
INNER CONSTRUCTION	Seven-layer or multi-layer thermal insulation system designed to provide protection against extreme temperatures.
HEAT RESISTANCE	Available in 650°C or 1,000°C options, withstanding fire exposure for approximately 35–40 seconds.
APPLICATIONS	Suitable for handling liquid nitrogen from Dewars, liquid nitrogen cans and other cryogenic containers. Also suitable for aluminium processing, industrial tunnel ovens, electric welding, metalworking, glass processing, solar cell manufacturing and other high-temperature industrial environments.

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