FLOWTRONIX (FT)

FIRE FIGHTING AND EMERGENCY RESPONSE

Founded in 1990, **FLOWTRONIX (FT)** is a leading Manufacturer, Stockiest, Distributor and Supplier of the complete range of high quality Personal Protective Equipment (PPE) and safety solutions. We provide a diverse product portfolio for consolidated safety purchasing to our strategic end user clients, distribute products and services through our largest integrated network of resellers, retail stores and distribution centers.

Personal Protective Equipment (PPE)

FT offers a full range of safety solutions for your professional needs. We offer high quality personal protective equipments which guarantee protection against wide range of risks associated with high degree of comfort for our users. We supply our products to all industrial sectors that need protective equipment for their manpower against all kinds of occupational hazards. FT work towards by implementing a total "Head-to-Toe" safety concept to the HSE standards by providing authentic, environment friendly and quality Personal Protective Equipment.

SAFETY FIRST AT EVERY WORKPLACE

Serious injury or death in the workplace changes lives forever - for the families, friends, co-workers, employer and communities. That is why it is very important to apply Safety First philosophy in every workplace. Effective health and safety in your workplace can helping keeping your employees happy and productive, at the same time reduces the human and business costs of injuries.

Safety is paramount with regard to the personal protective equipment of firefighting emergency crews. Firefighters' protective clothing is a three component ensemble intended to protect the firefighter from radiant and thermal exposure, unexpected flash over conditions, puncture and abrasion hazards while still maintaining an adequate level of dexterity and comfort.

Structural firefighters' protective clothing is designed to protect its wearer from the thermal environments experienced during firefighting. Firefighters may receive serious burn injuries from each of these modes of heat transfer or a combination of them. Our Firefighting and Emergency Response protective equipments were developed to provide optimum protection against hazards and risks faced by firefighters.

PROOF

PROOF FIRE FIGHTING PROTECTION

GLOBAL STANDARDS

Our firefighting suits, station gears and accessories conforms to the international standards to provide optimum comfort with high performance against heat stress and flames. Firefighting clothing uses specialized fabrics that offer performance and durability to firefighters under a range of operational conditions and hazards.

EN 469: Protective Clothing for Firemen	
EN 469 is an European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activities such as e.g. rescue work, assistance during disasters. The described clothing is not meant to protect against chemical and/or gas cleaning operations.	 EN 469

EN 1149-5: Protective clothing - Electrostatic Properties	
Protective clothing certified according to EN 1149-5 provides the wearer with electrostatic dissipative clothing with reduced risk of sparking. The garment should be used as part of a total earthed system to avoid combustible discharges. The requirements may not be sufficient in oxygen enriched flammable atmospheres.	 EN 1149-5

EN 342: Protective clothing against Cold and Low Temperatures	
Protective clothing certified according to EN 342 gives the wearer protection against cold environment. This pecifies requirements and test methods for garments & clothing combinations designed to protect the wearer in a cold environment (characterised by a combination of humidity, wind & air temperature lower than -5 °C).	 EN 342

EN 343: Protective clothing against Rain and Bad Weather	
This standard specifies the requirements and test methods for materials and the seams of clothing designed to give protection against precipitation (rain, snow), mist and ground moisture. The garment and the seams are tested for its water resistance, but also water vapour resistivity.	 EN 343

EN ISO 11612: Protective Clothing to Protect against Heat and Flame	
EN ISO 11612 gives the wearer protection against brief contact with heat and flame. The heat can be convective, radiant, molten material, or a combination thereof. The performance requirements are applicable to garments where there is a need for clothing with limited flame spread properties.	 EN ISO 11612 (A, B, C, D, E, F)

GLOBAL STANDARDS

NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting	
NFPA 1971 sets the minimum requirements for design, performance, testing, and certification of the elements of the ensemble for body protection in structural fire fighting and in proximity fire fighting: coats, trousers, one-piece suits, hoods, helmets, gloves, footwear, and interface elements such as wristers.	NFPA® 1971:2013

EN 388: Gloves Giving Protection from Mechanical Risks	
This standard applies to all kinds of protective gloves in respect of physical and mechanical aggressions caused by abrasion, blade cut, puncture and tearing. This is expressed by a pictogram followed by four numbers (performance levels), each representing test performance against a specific hazard.	EN 388

EN 407: Gloves Giving Protection from Themal Hazards	
This standard specifies thermal performance for protective gloves against heat and/or fire. The nature and degree of protection is shown by a pictogram followed by a series of six performance levels, relating to specific protective qualities. a. Resistance to flammability (performance level 0 - 4) b. Contact heat resistance (performance level 0 - 4) c. Convective heat resistance (performance level 0 - 4) d. Radiant heat resistance (performance level 0 - 4) e. Resistance to small splashes of molten metal (performance level 0 - 4) f. Resistance to large splashes of molten metal (performance level 0 - 4)	EN 407

EN 659: Protective gloves for Firefighters	
Defines minimum performance requirements and test methods for firefighters' protective gloves. EN 659 applies only to firefighters' protective gloves which protect the hands during normal firefighting, including search and rescue. These gloves provide limited protection to the hand and wrist from hazards arising from structural fire fighting operations. However, it will not protect the user from direct contact with flames or molten metal or hazardous biological, chemical or radiological agents.	EN 659

Our special selection of fabrics are made from engineered advance fiber yarns with high degree of thermal stability and flame resitant properties. The unique molecular structure of these yarn fibers makes them naturally flame resistant and minimize burn injuries by creating a protective barrier between the heat source and the wearer's skin.

DuPont™ NOMEX®

In addition to the more than three million firefighters worldwide who are protected by apparel made with Nomex®, there are millions of other people around the globe, including military personnel, police officers, auto racing teams and industrial workers, who rely on the inherent heat and flame resistant properties and durability of Nomex® fiber to help keep them safe from the everyday hazards they face on the job.

Nomex® also plays a critical role in helping to protect and improve the performance of a wide variety of things that are essential to our way of life, such as mass transit vehicles, wind turbine systems, aircraft components, electrical transformers and automotive components.

NOMEX® IIIA

Nomex® IIIA is a perfect head-to-toe protection against flash fire, electric arc and other dangerous conditions. It has unsurpassed flame resistance lightweight, breathable and exceptional durability.

Fabric Features:

Inherently flame resistant – FR properties are built-in and won't washout. Meets & exceeds **NFPA 2112** and **NFPA 70E HRC1** performance standards.
Proven Nomex performance – FR protection for a broad range of high risk industries.
Excellent durability – Retains professional appearance, even after rugged use and multiple launderings.

NOMEX® COMFORT

Nomex® Comfort has been developed on the basis of meta-aramid and para-aramid fibers. Aramid offers a high degree of thermal stability. Its heat and flame resistant properties are permanent & shows an extreme strength.

Fabric Features:

Outstanding value – Suitable for application in metal, utilities, chemical, energy, construction, military sectors & as a liner for fire fighters' station wear.
Multi-risk protection – Protects against heat and flame, electric arc, static electricity and liquid chemicals (optional).
Premium thermal protection – Protects against convective and radiant heat, **EN ISO 11612 A1,B1,C1: 2008** (Industrial flame and heat hazards).
Anti-static for explosion risk protection – Due to the inclusion of p140 fibres, this fabric is anti-static and complies with **EN 1149-3: 2004**.
Limited chemical protection – Protects against splashes through Hydro-Tec, an innovative nanotechnology finish (complies with **EN 13034: 2005**).
Highly durable – FR properties are built-in with excellent performance.
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PBI Matrix combines the high-performing, heat and flame protection of PBI Gold with a durable matrix of high-strength 400 or 600 denier filaments to reduce wear and tear. This combination results in:
- PBI flame and break-open protection
- Increased abrasion resistance
- Improved trap tears

Fabric Features:

PBI Matrix® High Performance- Combines high-performing heat & flame protection of PBI Gold® with durable matrix of high-strength 400 or 600 denier filaments to reduce wear & tear.

Complies with International Standards - NFPA 2112, **EN 469:2005**, ISO 15025 (Flame spread) , EN 367 (Convective heat), ISO 6942 (Radiant heat), ISO 17493: 2000 (Heat resistance) and EN 1149-5 (Electrostatic properties).

It is breathable membrane on the base of PTFE which mainly ensures water resistance. It is mechanically and chemically resistant, with lower flammability, comfortable in all extreme situations. It is mainly used in firefighter´s garments and garments for industrial workers.

Fabric Features:

Waterproof- GORE-TEX® fabrics withstand water-entry pressures encountered during severe weather and in demanding applications.

Windproof - GORE-TEX® fabrics prevent this windchill from happening by stopping the wind from passing through. The result – you preserve a comfortable microclimate inside your gear.

Breathable - Allows the evaporating moisture to escape through the fabric. This breathability leads to more comfortable and drier skin, even during high exertion.

STEDAIR® 3000: Using a combination of microporous and monolithic film technologies, STEDAIR® 3000 meets and exceeds all requirements of NFPA 1971 (2013 edition) and provides incredible Total heat loss (THL) and thermal protective performance (TPP).
Designed with a Teflon moisture barrier and laminated with the DuPont™ Nomex® E89™ substrate , the STEDAIR® 3000 helps firefighters stay cooler and more comfortable while providing extra protection against water penetration, heat, and other harmful entities.

Fabric Features:
- Exhibits passing results after 10 wash/dry cycles at 140° F
- Remains waterproof to a minimum of 1 PSI after exposure to -4°F
- Attains a hydrostatic resistance of no less than 150 pounds per square inch
- The best combined THL and TPP in the industry

PROOF® FIRE FIGHTING PROTECTION

Fire Protection Solutions You Can Trust

Fire-fighting is tough business. Your protective clothing shouldn't make it any tougher. At Proof® we understand that a lightweight and flexible fire-suit is essential for your safety and mobility in a dangerous fire-fighting situation.

Proof® fire fighting suits engineered not only to give maximum protection and durability with less stress and less fatigue. Designed to give way the human body moves, enabling you to push the limits of performance without restriction.

Custom Made and Approved. We can custom design according to specification to approved standards or to a higher level of protection. Proof® fire-suits fulfill international requirements for radiant heat and flame protection.

AFR™

PROOF FIREFIGHTING PROTECTION RANGE:

- Endurance NMX-DU 10
- Endurance NMX-Tough 11
- Endurance NMX-3A 12
- Endurance NMX-Evo Alpha 13
- Endurance PBI Matrix 14
- Evolution PBI 15
- Proximity Suit 16
- Industrial Proximity Suit 17
- Fire Attack Proximity Suit 18
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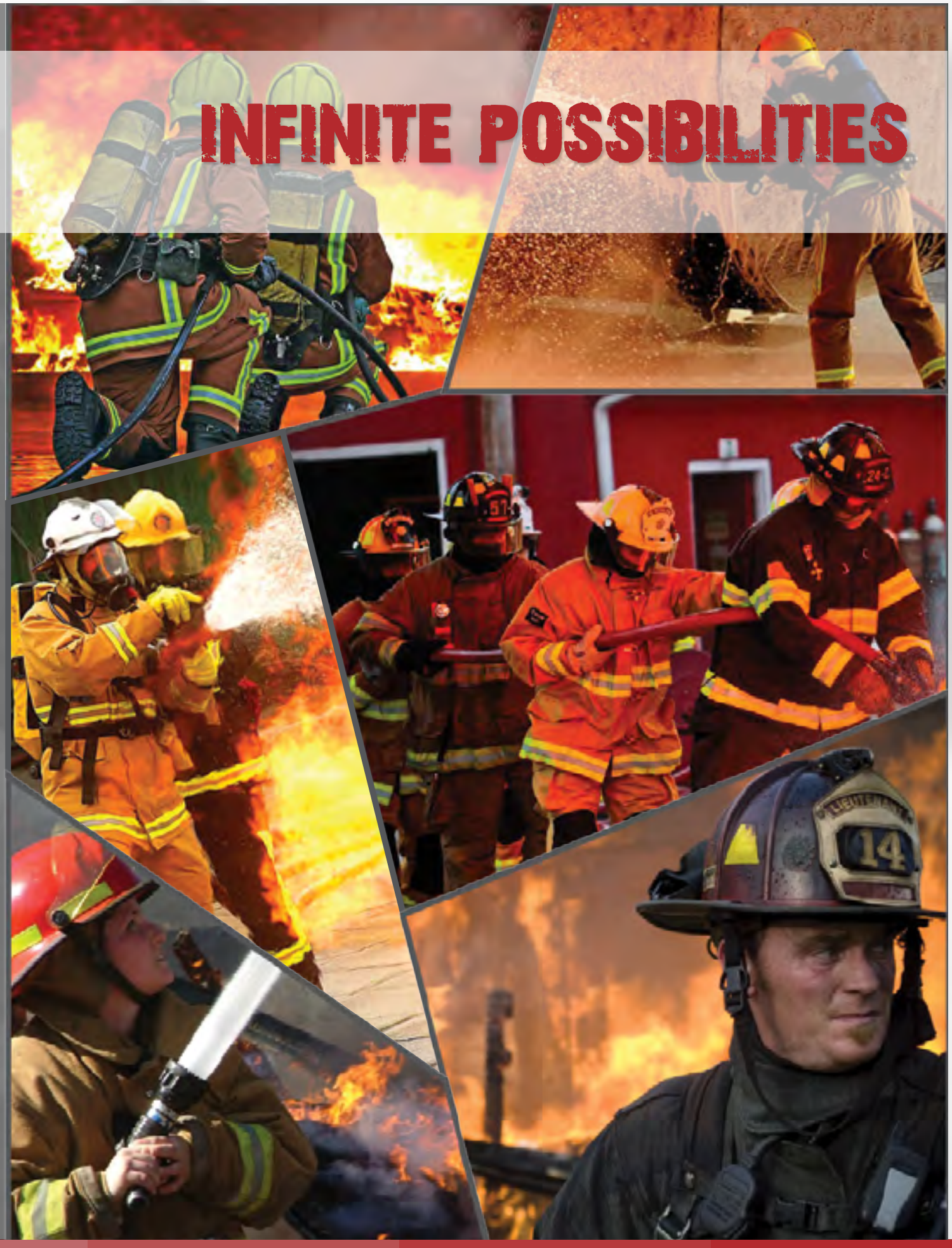
- Fireman Boots 25
- Magma Helmets 25
- Shuma & Leggy 26
- Anti-flash Hood PBI 26
- Anti-flash Hood 27
- Fireman Kit Bag 27
- TST Smart Hose 28
- TST Cooling Vest Multi 28
- TST Cooling Vest Flexi 29
- TST Cooling Vest Ultra 29
- T4X Thermal Imager 30
- Eclipse LDX Thermal Imager..... 30
- NXT Thermal Imager 31
- QXT Thermal Imager 31


INFINITE POSSIBILITIES

ENDURANCE NMX-DU

Style and Design:

- Designed to give way the human body moves, enabling you to push the limits of performance without restriction.
- Heat and Flame Resistant as well as abrasion resistant.
- Suitable for wet, dry, hot and cold conditions.
- Prevents water penetration and keeps fire fighters dry.
- Lightweight Material Composition
- Highly Comfortable
- Higher Mechanical Fabric Parameters
- Thermo-Tex Test
- 5 Pocket Design
- Two lower front pockets
- Radio pocket with mic loop on the left chest
- Flashlight holder with utility clip
- Inside zip and Velcro storm flap closure
- Heavy duty elasticized cross suspender
- Reinforced knees
- FR Reflective tapes

Colors

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URSPEC®

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Logo embroidery or printing

EN 469

EN 1149-5

EN 342

EN 343

KEVLAR

Nomex PARTNER

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 4761FT01 Trouser - 5361FT01	• EN 469 • EN 1149-5 • EN 342 • EN 343
Fabric Composition	Fabric Weight
Outer Layer: Nomex® Diamond Ultra	210 g/m² Sofiguard®
Moisture Barrier: Gore-Tex® Fireblocker N	140 g/m²
Thermal Barrier: Nomex® Comfort Grid	200 g/m² - Sofidry®

ENDURANCE NMX-TOUGH

Style and Design:

- Engineered to provide maximum protection and durability with less stress and less fatigue.
- Enables you to push the limits of performance without restriction.
- Excellent Heat-Isolating Features
- Thermo-Tex Test
- Provides the main protection against the heat
- Optional advance version (extra mic and torch loops, side pockets, shoulder and knees reinforcement)
- 4 Pocket Design
- Two lower front patch pockets
- Radio pocket on the left chest
- Elasticized wristlets with thumb loop
- Inside zip and Velcro storm flap closure
- Two side cargo pockets
- Heavy duty elasticized cross suspender
- Take up strap with Velcro for waist adjustments
- Reinforced knees
- FR Reflective tapes

Colors

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Logo embroidery or printing

EN 469

EN 1149-5

EN 343

DuPont™ KEVLAR®

DuPont™ Nomex® PARTNER

Fabrics and Article Numbers	
Article Numbers	**Standards**
Jacket - 4733FT145 Trouser - 5333FT145	• EN 469 • EN 1149-5 • EN 343
Fabric Composition	**Fabric Weight**
Outer Layer: Nomex® Strike	220 g/m² Sofiguard®
Moisture Barrier: PU membrane Skin Liner FR	145 g/m²
Thermal Barrier: ARALINEX	250 g/m²

ENDURANCE NMX-3A

Style and Design:

- Heat and Flame Resistant as well as abrasion resistant.
- Suitable for wet, dry, hot and cold conditions.
- Provides the main protection against the heat
- Basic Thermal Stability
- Very Good Tensile & Tear Strengths
- Basic Abrasion Resistance
- Durable Water Repellent SST Finish
- 4 Pocket Design
- Two lower front patch pockets
- Radio pocket on the right chest
- Flashlight holder with utility clip on the left chest
- Inside zip and Velcro storm flap closure
- Two side cargo pockets
- Heavy duty elasticized suspender
- Elastic waist sides
- Crotch gusset to increase movement
- Velcro over flap with snap button closure
- FR Reflective tapes

Colors

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Logo embroidery or printing

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EN 1149-5

KEVLAR

Nomex PARTNER

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47104FT157 Trouser - 53104FT157	• EN 469 • EN 1149-5
Fabric Composition	**Fabric Weight**
Outer Layer: Nomex® III-A	200 g/m²
Moisture Barrier: Meta/para-aramid Spunlace substrate with PTFE membrane	140 g/m²
Thermal Barrier: Non-woven felt made of Aramid	150 g/m²

EVOLUTION NMX-3A

Style and Design:

- Flashlight hook and adjustable Velcro strap
- Throat tab - added coverage across the bottom for precision SCBA mask interface, collar adjustment and protection
- Radio pocket with extra STEDPRENE reinforced layer
- Drag Rescue Device System (DRD) for rescuing downed fire fighters, hidden between inner and outer layer of the jacket
- H-Back Suspenders
- Two cargo pockets with STEDPRENE at the lower half of pockets
- Inside zip and Velcro storm flap closure
- Knee Pad (Stedshield+Kevlar felt)
- FR Reflective tapes 3 inches width
- Cuff edges has extra layer of Stedshield as reinforcement
- Meets NFPA 1971:2013

Colors

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NFPA®

KEVLAR

Nomex® PARTNER

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47175FT325 Trouser - 53175FT325	• NFPA 1971:2013
Fabric Composition	Fabric Weight
Outer Layer: Nomex®	250 g/m²
Moisture Barrier: Stedair 3000	
Thermal Barrier: 2 Layer Aramid felt quilted to Aramid woven fabric	

PBI Advantage

PBI Performance Products has long partnered with premier protective apparel manufacturers to provide PPE protection for firefighters, first responders, petrochemical and utility workers, soldiers and emergency professionals. Those who require high performance flame resistant protection, comfort and durability prefer garments made with PBI fibers. PBI garments protect wearers around the world.

ENDURANCE PBI MATRIX

Style and Design:

- Gives maximum protection and durability with less stress and fatigue.
- Heat and Flame Resistant as well as abrasion resistant.
- Suitable for wet, dry, hot and cold conditions.
- Prevents water penetration and keeps fire fighters dry.
- Provides the main protection against the heat
- Higher Mechanical Parameters
- High Heat Resistance
- Light material composition yet high in comfort
- Tested on PYRO-MAN mannequin in USA (Annex C complies with EN 469:2005)
- Two lower front slant pockets velcro closure
- Inside zip & Velcro storm flap closure
- Heavy duty elasticized cross suspender
- Reinforced knees
- FR Reflective Tapes

Colors

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Logo embroidery or printing

EN 469

EN 1149-5

EN 342

EN 343

PBI®

DuPont™ KEVLAR®

DuPont™ Nomex® PARTNER

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47114FT156 Trouser - 53114FT156	• EN 469 • EN 1149-5 • EN 342 • EN 343
Fabric Composition	Fabric Weight
Outer Layer: PBI® Matrix	205 g/m² Petroguard®
Moisture Barrier: Gore-Tex® Fireblocker N	140 g/m²
Thermal Barrier: Nomex® Comfort Grid	200 g/m² Sofidry®

FIREFIGHTING PROTECTION

EVOLUTION PBI®

NEW

Style and Design:

- Material is made from PBI which has the ability of flame resistant, oil proof, electrical insulation. It also has good resistance to acids and alkalis
- Flashlight Hook and Strap
- Throat Tab for precision SCBA mask interface, collar adjustment, and protection
- Radio and Cargo Pockets
- Drag Rescue Device System(DRD) provides a quickly deployed system to help rescue a downed firefighter
- H-back suspenders have leather pieces to fix the suspenders with buttons on the pants outer shell for quick-release
- Knee Pad (Stedshield+Kevlar felt)
- For greater conductive & compressive heat resistance & abrasion resistant.
- Cuff edges where it has and extra layer of Stedshield to reinforce for longer wear

Colors

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NFPA® 1971:2013

PBI®

DuPont™ KEVLAR® STEDAIR® MOISTURE BARRIERS

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47186FT178 Trouser - 53186FT178	• NFPA 1971:2013
Fabric Composition	
Outer Layer: 60% Kevlar 40% PBI with Kevlar cables	
Moisture Barrier: Stedair 3000	
Thermal Barrier: 2-layer aramid felt quilted to aramid woven fabric	

ERGONOMIC PBI®

Style and Design:

- Insulated stand up collar and throat tab for precision SCBA mask interface, collar adjustment and protection
- Drag Rescue Device System(DRD) provides a quickly deployed system to help rescue a downed firefighter
- Two lower front pockets, radio pocket, flashlight hook and strap
- Flex elbow, flex wing expanded back on outer and inner liner
- Nomex® Spandex wristlets
- Hook and Loop / Zipper front closures
- Snap hook and Dee/Zipper
- Two side cargo pockets on trousers
- Knee and Elbow reinforcement (Black Poly Coated Kevlar Padded)
- FR Reflective tapes

NEW

Colors

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URSPEC®

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PBI®

STEDAIR® MOISTURE BARRIERS

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47142FT169 Trouser - 53142FT169	• NFPA 1971:2013
Fabric Composition	
Outer Layer: PBI® Max 7.0	
Moisture Barrier: Stedair 3000	
Thermal Barrier: Bravo SL2	

PROXIMITY SUIT

Style and Design:

- FlexWing Expanded Back assures full range of motion to respond quickly
- High back trousers provide full protection allowing the option to choose a shorter length coat for less bulk
- Lightweight and pliable outer-shell fabrics readily combined with vapor barriers and thermal liners to provide fire fighters with the ultimate protection against extreme heat
- Metallized aluminum surface is the most effective flexible barrier for stopping radiant – or infrared heat
- Lightweight thermal barrier fabrics provide a vital layer to insulate your body against intense heat
- Hook and Loop / Zipper Closure
- YocStrap Drag Rescue Device (DRD)

up to 2000°F (1000°C)

NFPA® 1971:2013

OSHA

PBI®

DuPont™ KEVLAR®

STEDAIR® MOISTURE BARRIERS

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47118FT109 Trouser - 53118FT109	• NFPA • OSHA • UL
Fabric Composition	
Outer Layer: Dual Mirror Aluminized PBI/Kevlar 1098 7.0 Oz	
Moisture Barrier: Stedair 3000	
Thermal Barrier: TenCate ARALITE® NP	

INDUSTRIAL PROXIMITY SUIT

Style and Design:

- Lightly insulated proximity suit that provides an impressive balance of protection and comfort
- Aluminized shell for protection from radiant heat and quilted Nomex® thermal barrier for protection from conductive and convective heat
- Aluminized outer shell reflects 95% of radiant heat and withstands radiant temperatures up to 3000°F (1650°C)
- Constructed with durable aluminized fiber glass that will not de-laminate under even the most demanding conditions
- Wide range of industries and applications including aerospace, heat processing facilities, foundries and petrochemical plants

NEW

up to 3000°F (1650°C)

EN ISO 11612

ASTM INTERNATIONAL Standards Worldwide

DuPont™ KEVLAR®

DuPont™ Nomex® PARTNER

FIREFIGHTING PROTECTION

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47218FT500 Trouser - 53218FT500	• EN ISO 1161 • ASTM • Shell meets or exceeds the following: - Radiant Heat: ISO 6942 / EN 366 / ASTM F1939 - Convective Heat: ISO 9151 / EN 367 - Limited Flame Spread: ISO 15025 / EN 532 - Molten Metal: ISO 9185 / EN 348 / ASTM F955 - Abrasion Tear Resistance: ISO 13937 / EN 388
Fabric Composition	
Outer Layer: Aluminized Texturized Fiberglass	
Thermal Barrier: Q9 Quilted Nomex® Face Fabric and Batting	

FIRE ATTACK PROXIMITY SUIT

NEW

Style and Design:

- Designed from the ground up to meet the EN 1486 standard for close proximity firefighting gear
- Aluminized outer shell reflects 95% of radiant heat and withstands radiant temperatures up to 3000°F (1650°C)
- Stedair® moisture barrier and Tencate Aralite® NP thermal barrier protect the wearer from conductive and convective heat and steam
- This suit can be used in a range of industries and applications including Aircraft Rescue Fire Fighting (ARFF), first response to oil and gas fires, and other proximity fire fighting scenarios
- Zipper closure with Velcro storm fly
- Cinch at waist for athletic contour fit
- Dome style hood
- Adjustable straps on the cuffs of the pants
- Aluminized gauntlet style gloves

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47218FT501 Trouser - 53218FT501	• EN 1486 • ASTM • Shell meets or exceeds the following: - Radiant Heat: ISO 6942 / EN 366 / ASTM F1939 - Convective Heat: ISO 9151 / EN 367 - Limited Flame Spread: ISO 15025 / EN 532 - Molten Metal: ISO 9185 / EN 348 / ASTM F955 - Abrasion Tear Resistance: ISO 13937 / EN 388
Fabric Composition	
Outer Layer: Aluminized Texturized Fiberglass	
Moisture Barrier: Stedair® 3000	
Thermal Barrier: Tencate Aralite® NP	

SHORT DURATION FIRE ENTRY SUIT

NEW

Style and Design:

- Heavily insulated aluminized suit designed to protect from extreme heat, sparks and brief periods of engulfment or flash over
- Outer shell reflects 95% of radiant heat and withstands radiant temperatures up to 3000°F (1650°C)
- Foil layer beneath the outer shell acts as a secondary defense against extreme temperatures, and two layers of fiberglass insulation provide protection even during extended exposure
- Dome style hood with hard cap with ratchet adjustment
- Raglan sleeves and double storm fly
- Zipper closure at the sides of the waist and on the pant cuffs for easy entry
- Aluminized mitts
- Wide range of industries including foundries, petrochemical plants, processing facilities and other environments

up to 3000°F (1650°C)

EN 1486

ASTM INTERNATIONAL Standards Worldwide

DuPont™ KEVLAR®

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47218FT502 Trouser - 53218FT502	• EN ISO 11612 • ASTM • Shell meets or exceeds the following: - Radiant Heat: ISO 6942 / EN 366 / ASTM F1939 - Convective Heat: ISO 9151 / EN 367 - Limited Flame Spread: ISO 15025 / EN 532 - Molten Metal: ISO 9185 / EN 348 / ASTM F955 - Abrasion Tear Resistance: ISO 13937 / EN 388
Fabric Composition	
Outer Layer: Aluminized Texturized Fiberglass	
Moisture Barrier: Foil and Fiberglass Insulation	
Thermal Barrier: FR Neoprene	

ADVANCED FIRE ENTRY SUIT

NEW

Style and Design:

- Heavily insulated aluminized suit designed for re-entry and engulfment
- Aluminized shell, foil layers for added radiant protection, Pyron® and fiberglass insulation to protect from exposure to conductive and convective heat and FR cotton liner for comfort
- Aluminized outer shell reflects 95% of radiant heat
- Foil layer beneath the outer shell, and O-PAN heat barrier, and two layers of fiberglass insulation work together to provide maximum protection for extended exposure to extreme temperatures
- Jacket has double storm fly closure with snaps and integrated breathing pouch to accommodate SCBA
- Pants have zipper closures at the sides of the waist and on the pant cuffs for easy entry

up to 3000°F (1650°C)

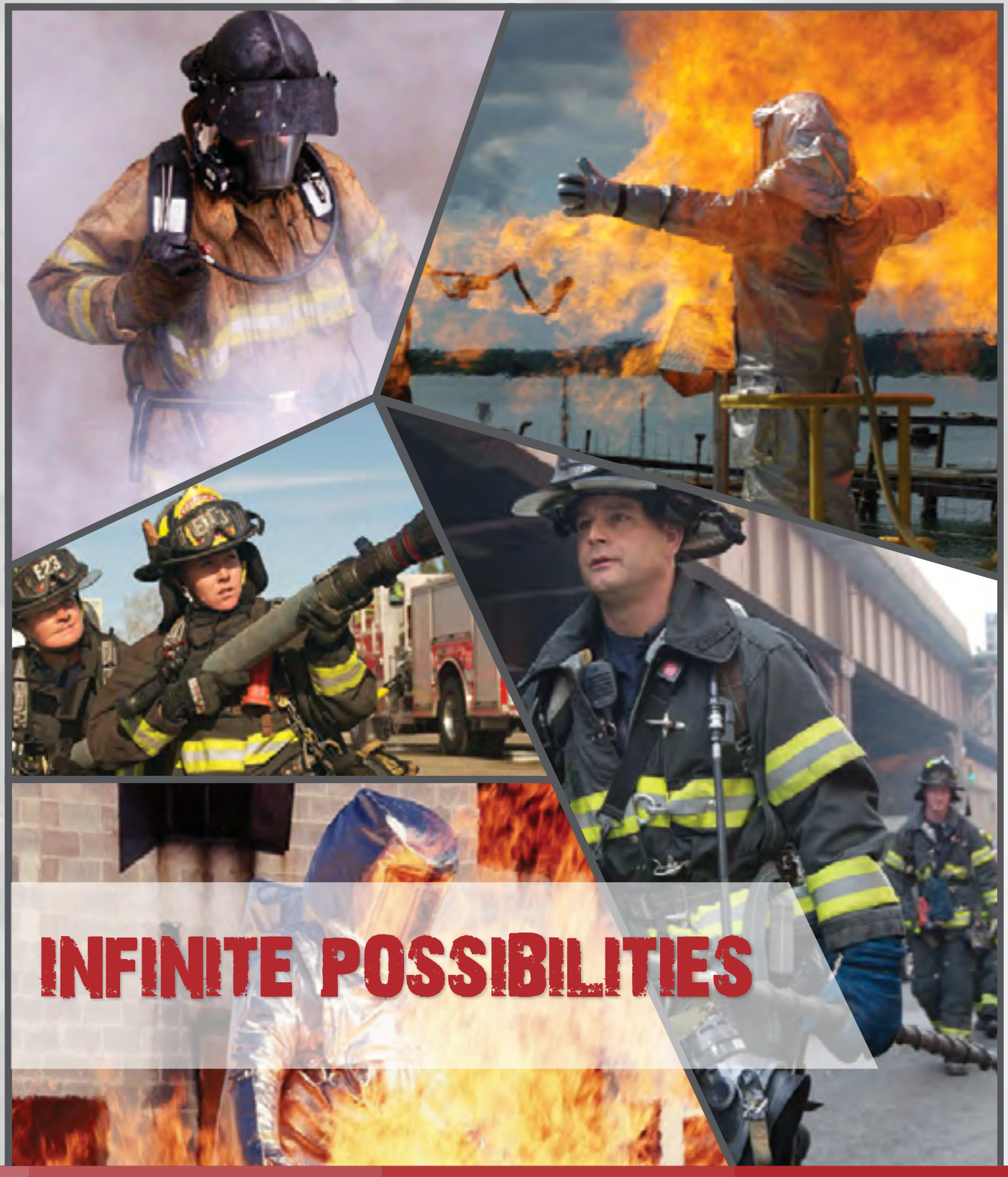
EN 1486

ASTM INTERNATIONAL Standards Worldwide

DuPont™ KEVLAR

Fabrics and Article Numbers	
Article Numbers	Standards
Jacket - 47218FT503 Trouser - 53218FT503	• EN ISO 11612 • ASTM • Shell meets or exceeds the following: - Radiant Heat: ISO 6942 / EN 366 / ASTM F1939 - Convective Heat: ISO 9151 / EN 367 - Limited Flame Spread: ISO 15025 / EN 532 - Molten Metal: ISO 9185 / EN 348 / ASTM F955 - Abrasion Tear Resistance: ISO 13937 / EN 388
Fabric Composition	
Outer Layer: Aluminized Texturized Fiberglass	
Moisture Barrier: Pyron® Insulation, Foil and Fiberglass Insulation	
Thermal Barrier: FR Cotton	

PROOF
FIRE FIGHTING PROTECTION



FIRE AND RESCUE HELMETS

Style and Design:

- Bullard® offers a full line of fire helmets to firefighters and other first responders throughout the world, from traditional fiberglass helmets to the very latest in high-heat advanced thermoplastic helmets.
- These products are known to provide outstanding head protection on, superior comfort, unmatched durability and excellent on-the-job performance.
- Bullard® engineers continually work to incorporate recommendations from leading veteran firefighters, ensuring its products are designed by firefighters, for firefighters.

Bullard®

FX Series

PX Series

LTX Series

Colors

Green
Orange
Yellow
Red
White
Black
Blue
Hi-viz Green

URSPEC®

EN 471 Hi-Vis FR Refelective Tape

LOGO HERE
Logo embroidery or printing

NFPA® 1971:2013

Additional Product Information		
Item	**Article No.**	**Options**
A. FX Series	1895BD99	6-inch faceshield • Red-orange Scotchlite™ reflective striping • Yellow Nomex ear/neck protector • ESS goggles
B. PX Series	1895BD86	• 6-inch faceshield • Red-orange Scotchlite® reflective striping • Yellow Nomex® ear/neck protector • ESS goggles
C. LTX Series	1895BD88	• Red-orange reflective Scotchlite® striping • Yellow Nomex® ear/neck protector

MAGMA HELMETS

Style and Design:

- Choose your personalized Magma from two unique configurations, Type A (half size shell) or Type B (three-quarter size shell) with a unified look
- Sleek design accommodates a wide variety of accessories & electronic components
- Can be easily reconfigured for new applications
- Magma offers low weight and the most superior comfort in its class
- Built Bullard Tough - meeting your expectations
- The layout of the platform, outer shell and visor encloses the inner compartment against all risks
- Maximized head size coverage from 50-65 cm
- Strap system with 4-point attachment adjusts itself automatically
- Three-dimensional visor covers the retracted front frame for maximum upper and lateral field of view
- Full inside insulation against hazards
- Optional bi-colour design

Bullard®

magma

TYPE A

TYPE B

Colors

- Green
- Orange
- Yellow
- Grey
- White
- Black
- Blue
- Hi-viz Green

NFPA® 1971:2013

Additional Product Information		
Item	**Article No.**	**Options**
D. MAGMA Helmet	1895BD201	• Red-orange reflective Scotchlite® striping • Yellow Nomex® ear/neck protector

FIRE FIGHTING GLOVES HG-2133

Contact Temp.:
500°C

CAT II

EN 420

EN 388
4 5 4 4

EN 407
4342XX

EN 659

Style and Design:

- Heat Resistant Gloves made of Water Repellent Cowhide Split Leather
- Reinforced goat suede palm patch
- High heat rubber with modacrylic under the knuckle
- Silver FR reflector lining with Kevlar® coated Litex®
- Double layer Aqrotex® membrane for breathable moisture barrier

Components:

Kevlar® elasticated cuff | Leather vein patch | Silver FR lining

FIRE FIGHTING GLOVES HG-2135

Contact Temp.:
1095°C

NEW

CAT II

EN 420

EN 388

EN 407

EN 659

Style and Design:

- Multilayer Aluminized gloves provide superior protection from extreme radiant temperatures
- Fleece lining on fingers for additional insulation
- Can withstand radiant temperatures up to 1650°C, contact temperature of 1095°C and reflect up to 95% of radiant heat.

Components:

Gaunlet style wrist | Aluminized FInish | 3-finger design

Additional Product Information		
Item	**Article No.**	**Sizes**
E. Fire Fighting Gloves	HG-2133	8/M, 9/L, 10/XL, 11/2XL
F. Fire Fighting Gloves	HG-2135	8/M, 9/L, 10/XL, 11, 2XL

FIREMAN BOOTS

CE

EN 20345:2012
EN 15090:2012

F2A

Style and Design:

- Special fire fighting boots tested and certified according to EN 15090:2006, HI3, CI
- Very flexible around the ankle in the front and back areas
- Breathable padded upper collar with perforation
- Steel toecap 200 joule with highly resistant external anti-abrasion material on the top
- Antiperforation midsole: 4mm thick non metallic (by Lenzi) conform with EN 12568 EN 20344
- Outsole: Nitrile rubber, heat resistant up to 300°C antistatic, antislip, oil and acid resistant, shock absorbing in the heel area
- Color: Black

HAIX FIREMAN YELLOW

Style and Design:

- Special fire fighting boots complies with EN 345
- Made of hydrophobic cowhide with reflective stripes
- Breathing, chemical resistant and waterproof (HAIX® Climate System)
- Anatomically formed inner sole, which can be washed at up to 30°C
- PU damping part - HAIX® MSL System
- Patented shoelace system with fast entry (FIRE FLASH) NOMEX® shoelace
- Colour: Black

Additional Product Information		
Item	**Article No.**	**Size**
G. Fireman Boots	5439FT01	38 - 48 (Europe)
H. Fireman Yellow	5463FT01	EU 36 – 47, Extra large sizes EU 48 – 49

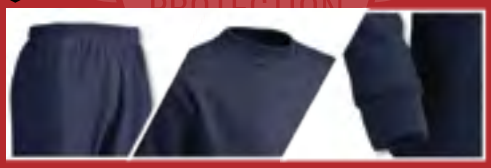
SHUMA & LEGGY

FLASH ARMOR

Style and Design:

- Fabric construction: Interlock
- Full first-layer anti-flame protection with amazing fit
- Crewneck, knitted cuffs & full fit
- Can be worn with a protective garments or station uniforms
- Permanently antistatic
- Protection from sweat scald
- Sizes: Small to 4XL

Components:



Elasticated waist with additional cord | Round neck | Knitted cuffs and ankles

Colors

NB

URSPEC®

EN 471 Hi-Vis FR Refelective Tape

LOGO HERE

Logo embroidery or printing

EN ISO 11612 A1, B1, C1

ANTI-FLASH HOOD

PBI®

Colors

TN

URSPEC®

LOGO HERE

Logo embroidery or printing

Style and Design:

- Fabric: PBI®
- Construction: Interlock
- Fabric Weight: 200 gsm / 6.0 Oz
- Standard: EN 13911:2004
- Full first-layer anti-flame protection with amazing fit.
- Can be worn with a protective garments or station uniforms.
- Permanently antistatic
- Minimum sweat absorption
- Protection from a sweat scald
- Insulating, moisture transporting garment regulates temperature and increases comfort.

Additional Product Information

Item	Article No.		Size
I. Shuma & Leggy	Nomex III-A Shuma - 5756FT01 Leggy - 5856FT01	Pyxis Shuma - 57166FT01 Leggy - 58166FT01	Small to XL
J. Anti-flash Hood	PBI 16163FT01		Standard
K. Anti-flash Hood	Nomex III-A 1656FT01-SL 1656FT52-DL	Pyxis 1641FT01-SL 1641FT52-DL	Standard
L. Fireman Kit Bag	5565FT01		One size
M. Fireman Gear Bag	5565FT167		One size

ANTI-FLASH HOOD

Style and Design:

- Best for inner wear of fire fighters
- Full first-layer anti-flame protection with amazing fit
- Antistatic
- Hood protects the head in action
- Fireman protective accessory
- Fabric: Nomex® IIIA knit
- Weight: 200 gsm
- Available in Single Layer (SL) or Double Layer (DL)
- Size: One size fits all

Colors

RD

NB

TN

URSPEC®

LOGO HERE

Logo embroidery or printing

FIREMAN KIT BAG

Style and Design:

- High durable Kit Bag that is made from a heavy duty 600D polyester material with PVC coating.
- Designed to accomodate complete fireman suit and accessories.
- 600D x 600D Polyester with PVC coating in 0.5mm thickness.
- Polyester webbing strap in total length120cm with adjust able shoulder strap.
- Dimension: 70/L x 35/W x 35/H cm

URSPEC®

LOGO HERE

Logo embroidery or printing

FIREMAN GEAR BAG

Style and Design:

- Made of heavy-duty water resistant nylon
- New triple trim reflective striping
- Extra large zippers for long lasting durability
- Large enough to hold two sets of turnout gear
- Dimension: 86/L x 40/W x 45/H cm

URSPEC®

LOGO HERE

Logo embroidery or printing

Cooling Vest Multi

Style and Design:

- Has 20 TEMPTECH elements that provide effective heat absorption
- This vest is used in many industrial applications
- Also available in flame retardant material, if that is mandatory
- Recommended to use tight to the body, with functional T-shirt between, and a covering garment on top
- Certified according to: CE, ISO 9001:2008, ISO 14001:2004

Nozzle	4 Bar	6 Bar	8 Bar	10 Bar
5-holes	970	1000	1020	1150
1x3 mm	210	250	300	330
1x6 mm	1050	1130	1230	1300

20 TEMTECH ELEMENTS

Cooling Vest Ultra

Style and Design:

- A comfort garment developed to prevent elevated body temperature in people who work in hot environments or with extreme physical exertion
- Cooling Vest Ultra has 17 or 21 TEMPTECH elements that provide effective heat absorption
- Made of a polypropylene fabric which powerful moisture transfer up to 40 times more moisture
- Certified according to: CE, ISO 9001:2008, ISO 14001:2004

17 or 20 TEMTECH ELEMENTS

Additional Product Information		
Item	**Article No.**	**Size**
M. TST Cooling Vest Multi	4575TST161	Small - 5XL
N. TST Cooling Vest Ultra	4575TST348	XS - 2XL

Cooling Vest Flexi

Style and Design:

- Designed to be smooth and easy to put on
- It closes with velcros at the shoulders and sides
- The Flexi vest has 16 TEMPTECH elements that absorb excessive heat
- Also available in fire-resistant Nomex material
- Recommended to use tight to the body, with a functional T-shirt between, and a covering garment on top
- Certified according to: CE, ISO 9001:2008, ISO 14001:2004

16 TEMTECH ELEMENTS

TST Smart Hose

Style and Design:

- World patented hose developed to create water barriers, to be flexible and minimize the need of personnel
- Excellent for shielding off fires org as clouds where you can't or don't want to have humans present
- Highly efficient for cooling big objects like buildings, gas tanks & containers
- The nozzles that spread the water can easily be exchanged and they come in different versions depending on needs and availability of water

5-holes nozzle

Additional Product Information		
Item	**Article No.**	**Size**
O. TST Cooling Vest Flexi	4575TST162	Small - XL
P. TST Cooling Vest Ultra	4575TST348	XS - 2XL

T4X THERMAL IMAGER

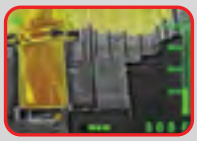
Style and Design:

- Ultra-High resolution 320 x 240 detector
- State-of-the-art thermal imager integrates an ultra-high resolution infrared engine
- Electronic Thermal Throttle®, which enables to optimize scenes with the touch of a button
- Oversized, 4.3" widescreen, digital LCD display
- 50° horizontal field of view
- 80° display viewing angle
- Over 1100°F saturation temperature
- ICE™ superior infrared imagery
- T4X is distinguishable from other thermal imagers with a cool, blue metallic swirl color

X Factor Technology
featuring **SUPER RED HOT**

FIVE YEAR WARRANTY


Fast


Present


Electronic Thermal Throttle®

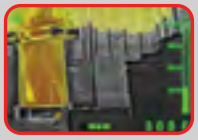
ECLIPSE LDX THERMAL IMAGER

Style and Design:

- The first low-cost, Ultra-small form factor, handheld thermal imager designed to give “sight” to each firefighter inside a blaze.
- Developed to provide firefighters navigational & search or rescue assistance
- Uses infrared engine technology running at an ultra-fast 60 Hertz image update rate and incorporates Image Contrast Enhancement (ICE™) technology for the ultimate image performance in fire conditions.

FIVE YEAR WARRANTY


Fast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Electronic Thermal Throttle®

Additional Product Information	
Item	**Article No.**
Q. T4X Thermal Imager	90177BD376
R. Eclipse LDX Thermal Imager	90177BD377

NXT THERMAL IMAGER

NEW

Electronic
Thermal Throttle®

Style and Design:

- Equipped with X Factor technology and the industry's longest battery run time, the small & lightweight
- NFPA 1801 Certified Bullard NXT lets firefighters focus on seeing the most critical details in the heat of the fire when they need it most
- Bullard NXT is designed not only for long-lasting service on the front line but also low total cost of ownership in the back office
- Best image quality
- Most desired form factor
- First wireless charging systems
- Most proven durability
- Leading imager and battery warranty

QXT THERMAL IMAGER

NEW

Electronic
Thermal Throttle®

Style and Design:

- Simplicity and longevity define the Bullard QXT Thermal Imager, equipped with X Factor technology and the industry's longest battery run time
- With the QXT, firefighters can focus on seeing the most critical details so they can make life-saving decisions while in the heat of the fire
- Best image quality
- Most desired form factor
- First wireless charging systems
- Proven durability

Additional Product Information	
Item	**Article No.**
S. NXT Thermal Imager	90177BD527
T. QXT Thermal Imager	90177BD528

ABOUT URSPEC®

WHY URSPEC?

- Strengthens your corporate identity
- Builds industry recognition
- Creates a professional image
- Provides on-the-job recognition
- Increases employee pride

Safety Improved

Right workwear can play a large role in on-the-job safety, providing necessary protection from workplace hazards. A well-designed uniform program focuses on safety, comfort, durability and nature of the work being performed.

Security Enhanced

A consistent uniform program adds to the security of a job site. Requiring employees to wear recognizable clothing makes it easier to keep tabs and identifies them from clients which are important factors in todays security-conscious world.

Image Registered

Customers can often be reluctant to open their doors to workers they can't immediately identify. Employees in uniform are easily recognizable, putting your customers at ease and helping to ensure repeat business.

Get the Benefits of Mobile Advertising

Logo-imprinted apparel works double duty if your staffs are out on job sites making sales or service calls. Everywhere an employee goes, your logo goes, thus building added awareness and name recognition.

PROFESSIONALLY DESIGNED LOGOS

URSPEC® logo is the perfect method to represent your company. Embroidered or printed images can be applied to the garments at the size and position you require. Offers a wide selection of emblem background and border combinations are available.

Types of logos:

Computerized embroidery

Silk screen Printing

Heat Press Printing

COMPUTERIZED EMBROIDERY

Computerized embroidery compared to print is more three dimensional, offering high lustre and textured effects. It is associated with quality, adding value to product in both the visual and tactile field of consumer appreciation. Name tags can also be customized using computerized embroidery.

Available borders:

SILK SCREEN PRINTING

Screen printing is the most versatile of all printing processes as it can be used to print on a wide variety of substrates and materials of any shape, thickness and size. Because of the simplicity of the application process, a wider range of inks and dyes are available for use in screen printing than for use in any other printing process.

HEAT PRESS PRINTING

A heat press is a machine engineered to imprint a design or graphic on a substrate, such as a work shirt, with the application of heat and pressure for a preset period of time. A heat press utilizes the heat and pressure produced by the piece of equipment to imprint a graphic or design on to a qualifying item.

URSPEC® FEATURES

Funtionality + Style + Comfort

URSPEC® PPE Customization Program offers functionality, style and comfort to your PPE items. It will strengthens your corporate identity by adding up your company logo and color, builds industry recognition and creates a professional image for your employees.

REFLECTIVE STRIPPING

URSPEC® provides unique customized reflective product that enhance the wearer's safety where geater visibility is essential. The importance of being seen can't be under estimated – it can play a big part in preventing accidents and saving lives.

TYPE	COLOR	SIZE
• FR Reflective Tape • Non-FR Reflective Tape	• Grey • Yellow • Yellow-Grey-Yellow	• One inch • Two inches

FLAME RETARDANT REFLECTIVE TAPE

Flame retardant (FR) reflective tapes is specially made for high visibility warning clothing such as flame resistant occupational workwear and firefighting suits where an increased visibility is required. Our FR reflective tapes conforms to both ANSI/ISEA 107-2010 & EN ISO 20471.

NON-FR REFLECTIVE TAPE

Non-FR reflective tape is pressure-sensitive, engineering grade and can stand up to adverse weather conditions, including moisture and heat. It is a flexible and made of reflective material primarily used to increase the nighttime conspicuity of clothing.

OTHER PPE CUSTOMIZATION:

CUSTOMIZED NAME TAGS

Name badges provide a myriad of advantages. It can make a positive impact on your customer service culture. Name tags build your employees identity, help address one another and improves security in the workplace.

REINFORCEMENT & POCKET DESIGNS

A wide variety of workwears can be customized with knee and elbow reinforcements for added durability. Optional pocket designs for better funtionality of your workwear are also available.

URSPEC CUSTOM GARMENT

Measured & Tailored-made just for you! URSPEC Custom Garment offer customized pattern, size & design just made for your uniform program.

FLASH ARMOR
FLAME RETARDANT WORKWEARS

PROOF
FIRE FIGHTING PROTECTION

TST
SWEDEN AB

Bullard

FT™ FR

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