



PPE REDEFINED

NFPA 1951  NFPA 1977

FIRELINE[®]
Multi Mission



FIRELINE®

Multi Mission

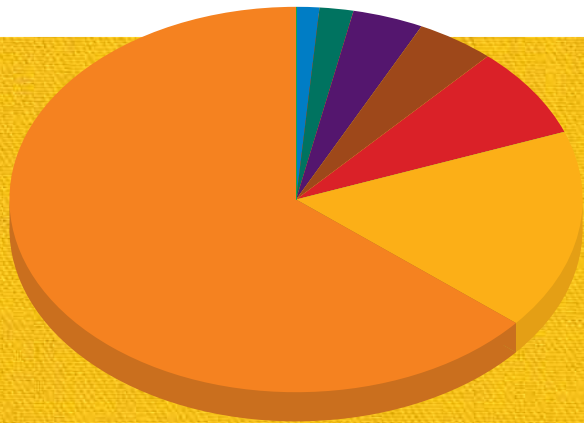


Design with a Purpose

PGI is a high performance PPE manufacturer with a drive and relentless commitment to meticulous design, craftsmanship and service. Using only advanced premium materials and accessories allows us to create technical products that can be trusted to perform in the most extreme conditions. Our philosophy is to design and manufacture products that are as good as they can possibly be, performing over time and beyond expectation. Garments are designed to provide unrivaled performance at the point of extreme need.

Lightweight, flexible and more responsive, FireLine™ Multi Mission PPE is built for the work you do. Innovative fabrics offer the best combination of flash fire, thermal protection and abrasion resistance in a single-layer garment. Innovative design with articulated elbows and knees, generous gusseting, radial sleeves and anatomical patterning provides unrivaled freedom of movement. High quality construction and more options for truly custom gear mean you have the right gear, to do the right job, day in and day out. FireLine™ Multi Mission garments offer first responders peace-of-mind protection with enhanced comfort, mobility and best-in-class performance.

INNOVATIVE DESIGN FOR MORE OF WHAT YOU DO

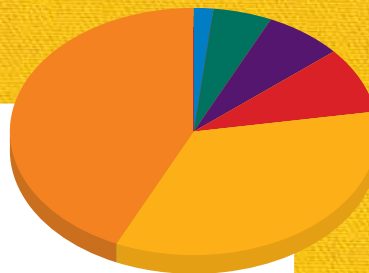


Department Calls by Type

- 63.9% Medical Aid
- 16.8% Other
- 7.6% False Alarms
- 4.5% Mutual Aid
- 4.0% Fires
- 1.9% Other Hazardous Conditions
- 1.3% Hazardous Materials

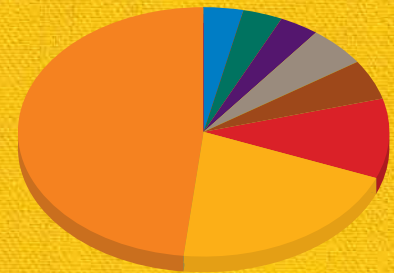
90%
Non-Structural
Related Calls

TRENCH RESCUE
 CONFINED SPACE
 EXTRICATION/MVA
 SEARCH & RESCUE
 INCIDENT COMMAND
 SCENE INVESTIGATION
 GRASS & BRUSH FIRE
 GOODWILL CALLS
 WILDLANDS



Firefighter Deaths by Nature of Injury

- 43.1% Sudden Cardiac Death
- 34.5% Internal Trauma
- 8.6% Asphyxiation/Smoke Inhalation
- 6.9% Gunshot
- 5.2% Other
- 1.7% Burns



Firefighter Deaths by Cause of Injury

- 48.3% Overexertion/Stress/Medical
- 20.7% Crashes
- 10.3% Fell
- 5.2% Structural Collapse
- 5.1% Fatal Assault
- 3.5% Struck by Vehicles
- 3.5% Struck by Objects
- 3.4% Other

A LIGHTWEIGHT, BREATHABLE SOLUTION TO TRADITIONAL TURNOUT GEAR

Heat Stress

The number one fatality in line of duty deaths among firefighters and first responders is sudden cardiac arrest, most of which can be attributed to heat stress, overexertion and pre-existing medical conditions. Studies have shown that modified PPE can substantially reduce heat stress and firefighter fatigue. The weight and bulkiness of traditional turnout gear tends to increase body temperature by retaining the heat built up internally while on the job. Elevated body temperatures can increase clotting, which can also contribute to sudden cardiac arrest while performing routine tasks. FireLine™ Multi Mission PPE is lightweight, more flexible and ergonomically designed to offer enhanced evaporative cooling — reducing heat stress and overall firefighter fatigue.

Lightweight, Breathable and More Comfortable

FireLine™ Multi Mission PPE is designed to be a lightweight, flexible and breathable alternative to traditional turnout gear. Traditional turnout gear is heavy, bulky, locks in moisture and air — whereas FireLine™ Multi Mission PPE pulls sweat from the skin by moving it to the surface so it rapidly evaporates, allowing the wearer to remain cooler and drier, reducing the potential for heat stress while improving overall performance of routine tasks. FireLine™ Multi Mission garments are engineered to maximize protection, comfort and mobility at a price that's about one-third the cost of traditional turnout gear.

Dual Certified and More

All FireLine™ Multi Mission garments meet or exceed both the NFPA 1951 Standard on Utility Technical Rescue for Protective Apparel, where exposure to physical and thermal hazards are expected, as well as the NFPA 1977 Standard on Protective Clothing and equipment for wildland fire fighting, current editions. UL Classified.

Proven FR Fabrics

Nomex® IIIA — Plain weave finished with Super Shelltite®, a durable water repellent and stain resistant finish. Fabric is inherently flame resistant and does not melt, drip or burn after exposure to flame or heat. Special P140 fibers give the fabric permanent anti-static properties. Nomex IIIA resists acids, alkalis and industrial lubricants. Easy to wash and dry with extremely low shrinkage. Fabric combines mechanical strength with exceptional abrasion and tear resistance for a long wear life (wear life can exceed FR cotton by 6X). Nomex IIIA is the fabric of choice for the U.S. Forest Service.

Sigma® 4 Star — Twill weave with durable water repellent finish. Inherently flame resistant and does not melt, drip or burn after exposure to heat or flame. Solution-dyed which maintains colorfastness and appearance better than other fabrics on the market. Sigma is exceptionally comfortable due to soft, supple hand and superb wicking abilities, keeping the wearer cooler and drier. Sigma is worn by over 100,000 U.S. soldiers worldwide.

Pioneer™ Reinforcement Fabric — Twill weave with Enforce Technology® that transforms high strength Kevlar® fibers into super-strong strands spun into a double-helix formation. The fabric is lightweight, flexible and virtually impossible to tear. Pioneer includes a Super Shelltite finish for durable water repellency and enhanced abrasion resistance. Unmatched performance as a reinforcement in high-wear areas such as knees, elbows and cuffs.





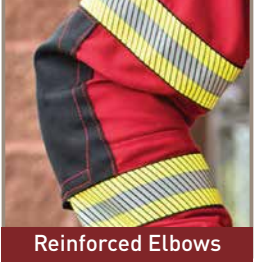
Full Arm Movement



Zytel® Nylon Zippers



Adjustable Cuffs



Reinforced Elbows



Flashlight Strap



3-D Shoulder Pocket

FIRELINE®

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TACTICAL JACKET



FEATURES

- Hip-length design with Alpine style 4" collar.
- Radial sleeve design with under arm gussets.
- All pockets have FR Zytel® Nylon zipper closures.
- Easy access Napoleon chest pockets and slash waist pockets reduce bulk and weight and are located to stay clear of harness.
- 3-D expandable shoulder pocket with pen/pencil slots.
- Flashlight holder on right breast.
- Full length FR Zytel Nylon zipper front.
- Articulated elbows with generous pleats and contoured sleeve panels.
- Elasticized cuffs with expansion gussets and adjustable tab closures.
- Rugged, tear resistant, Pioneer™ reinforced elbows and cuffs.
- High visibility triple-trim with color options.*
- Optional adjustable radio pocket with mic tab.*
- Optional embroidered Nomex® flag and fire department shield patches.*
- Optional SQUISH® elbow pads.*

*Details on pages 6 and 7

TACTICAL JACKET FABRIC OPTIONS

Nomex® IIIA 6 osy/200 gsm

Part Number	Color
#5815972	● Yellow
#5815975	● Tan
#5815998	● Black
#5815984	● Navy
#5815979	● Royal Blue
#5815981	● Red

Sigma 4 Star™ 7 osy/235 gsm

Part Number	Color
#5814772	● Yellow
#5814775	● Tan
#5814798	● Black

NFPA 1951



FIELD COAT

FEATURES



Radio Pocket

- Alpine style 4" collar.
- Radial sleeve design with under arm gussets.
- Seamless shoulder eliminates seam pressure points when wearing a pack and allows better range of motion.
- All pockets complete with flaps featuring hook and loop closures.
- Expandable 3-D Utility Pocket on right breast.
- Expandable 3-D Radio Pocket on left breast with mic tab.
- Expandable 3-D Cargo Pockets complete with built-in hand warmers, water bottle holder, and key ring clasp.
- Super-tough FR Zytel® Nylon Double-pull zipper front closure with storm fly flap with hook and loop closures.
- Detachable flashlight holder on storm fly flap.
- Articulated elbows with generous pleats and contoured sleeve panels.
- Elasticized cuffs with expansion gussets and adjustable tab closures.
- D-ring for hanging gloves or accessories.
- Rugged, tear resistant, Pioneer™ reinforced elbows and cuffs.
- High visibility triple-trim with color options.*
- Optional embroidered Nomex® flag and fire department shield patches.*
- Optional SQUISH® elbow pads.*

*Details on pages 6 and 7

FIELD COAT FABRIC OPTIONS

Nomex® IIIA 6 osy/200 gsm

Part Number	Color
#5805972	● Yellow
#5805975	● Tan
#5805998	● Black
#5805984	● Navy
#5805979	● Royal Blue
#5805981	● Red

Sigma 4 Star™ 7 osy/235 gsm

Part Number	Color
#5804772	● Yellow
#5804775	● Tan
#5804798	● Black

SIZING INFORMATION

Chest	S	M	L	XL	2XL	3XL	4XL
	34"-36"	38"-40"	42"-44"	46"-48"	50"-52"	54"-56"	58"-60"

Short Length - 1½" shorter sleeve and body length.

Long Length - 1½" longer sleeve and body length.

NFPA 1977



High-Visibility Triple Trim



Self-Material Banner



Reflective Letters



Detachable Radio Pocket



Squish Elbow Pads

TACTICAL JACKET & FIELD COAT OPTIONS

Be safe and seen on every scene. FireLine™ Multi Mission PPE allows you to select from a variety of reflective trim packages, detachable or permanent name plates, lettering options and more.

TRIM PACKAGES

3M™ Scotchlite™ Reflective 2" Trim Options - NYFD Style

Part Number	Description
#1-FL	● Silver Reflective Trim
#26-FL	● Lime/Yellow with Silver Stripe (Reflective Triple Trim)
#37-FL	● Red/Orange with Silver Stripe (Reflective Triple Trim)
#97-FL	● Silver Segmented Reflective Trim Applied on Nomex® IIIA Tape
#98-FL	● Lime/Yellow with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape
#100-FL	● Red/Orange with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape

Two rows of trim sewn around body and sleeves.

OPTIONS

Self-Material Banner 4" (h) x 15" (w) Attached to Back

Part Number	Description
#31-FL	Sewn on Back (Color Coordinated)
#31-FL (98)	Sewn on Back (Black)
#48-FL	Attaches to Back with Hook and Loop Attachment System (Color Coordinated)
#48-FL (98)	Attaches to Back with Hook and Loop Attachment System (Black)
#92-FL-1	American Flag Embroidered with Nomex® Thread (Left Arm)
#92-FL-2	American Flag Embroidered with Nomex® Thread (Right Arm)
#92-FL-3	Fire Department Shield Embroidered with Nomex® Thread.

3M™ Scotchlite™ Reflective Heat Transferred Letters on Back

Part Number	Description
#21-FL	● 2" Silver Letters
#22-FL	● 2" Lime/Yellow Letters
#70-FL	● 2" Red/Orange Letters
#5-FL	● 3" Silver Letters
#23-FL	● 3" Lime/Yellow Letters
#24-FL	● 3" Red/Orange Letters

Detachable and Adjustable Radio Pocket

Part Number	Description
#101-FL	Detachable and Adjustable Radio Pocket (Jacket Only)



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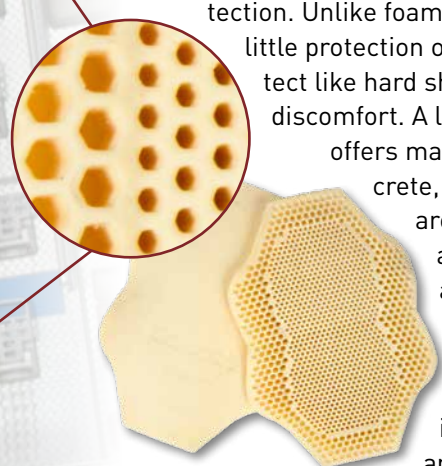
Flame Resistant ID Label

Flame resistant label sewn down on four sides facilitates tracking and identification through barcoding, sequential numbering and personalization.



The Power of the Honeycomb

SQUISH® Pad Technology is designed with an array of honeycomb structure walls and cavities that work together to provide super comfort and improved protection. Unlike foam pad inserts that provide very little protection or support, SQUISH® pads protect like hard shell pads without the weight or discomfort. A lightweight, low-profile design offers maximum defense against concrete, rock and steel. SQUISH® pads are non-porous, resisting water and sweat, so no need to worry about bacteria or microbial growth. Exclusive to FireLine™ Multi Mission garments, these SQUISH® pads are virtually indestructible, will not flatten and will last for the life of the garment. SQUISH® pads are laundry safe and encased within high-strength para-aramid needle punch felt and Nomex® IIIA woven fabric for increased flame, cut and puncture resistance.



Note: SQUISH® pads are not UL Certified.

SQUISH® Honeycomb Silicone Elbow Pads

Part Number	Description
#95-FL	SQUISH® Elbow Pad

NFPA 1977



Cargo Pockets



Rear Pockets



Inner Garment Access



Pocket Bottle Strap



Adjustable Cuffs



Squish Knee Pads

FIELD PANTS

FireLine™ Multi Mission pants offer an ergonomic sculptured design, articulated knees and our signature relaxed fit for unmatched freedom of movement, comfort and protection. Six pockets including expandable 3-D cargo pockets allow generous storage capacity. Elastic back waistband with adjustable side take-up straps for a custom fit. Seven belt loops accommodate a two inch wide belt. Super tough Zytel® nylon zippers used throughout. Fully adjustable elasticized cuffs can be worn open for venting or secured for protection from flame, heat, and soot.

FIRELINE®

Multi Mission



PANTS FABRIC OPTIONS

Nomex® IIIA 6 osy/200 gsm

Part Number	Color
#7805972	● Yellow
#7805975	● Tan
#7805998	● Black
#7805984	● Navy
#7805979	● Royal Blue
#7805981	● Red

Sigma 4 Star™ 7 osy/235 gsm

Part Number	Color
#7804772	● Yellow
#7804775	● Tan
#7804798	● Black

SIZING INFORMATION

Waist	S	M	L	XL	2XL	3XL	4XL
	27"-30"	31"-34"	35"-38"	39"-42"	43"-46"	47"-50"	51"-54"
Inseams	Short	Regular	Long	X Long	2X Long		
	28"	30"	32"	34"	36"		

NFPA 1951

FEATURES

High-Visibility Triple Trim

- Elasticized waist band with take-up straps.
- Seven 2" wide belt loops and snap at waist.
- Super-strong, self-locking FR Zytel® zipper fly.
- Six pockets including expandable 3-D cargo pockets, all with hook and loop flap closures.
- Water bottle holder inside right cargo pocket.
- Articulated knee and contoured leg panels.
- Knee high FR Zytel® leg zippers allows donning and doffing with boots on.
- Elasticized cuffs with expansion gussets and adjustable tab closures interface perfectly with boots.
- Rugged, tear resistant, Pioneer™ reinforced knees and cuffs.
- FR Zytel® side access zipper openings.
- High visibility triple-trim with color options.
- Optional suspender loops designed for four-point suspension system.
- Optional SQUISH® knee pads for cut and puncture resistance (details on page 7).

TRIM PACKAGES

3M™ Scotchlite™ Reflective 2" Trim Options

Part Number	Description
#1-FL	● Silver Reflective Trim
#26-FL	● Lime/Yellow with Silver Stripe (Reflective Triple Trim)
#37-FL	● Red/Orange with Silver Stripe (Reflective Triple Trim)
#97-FL	● Silver Segmented Reflective Trim Applied on Nomex® IIIA Tape
#98-FL	● Lime/Yellow with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape
#100-FL	● Red/Orange with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape

OPTIONS

Suspender Loops

Part Number	Description
#105-FL	Suspender Loops for Four-Point Suspension System

SQUISH® Honeycomb Silicone Knee Pads

Part Number	Description
#88-FL	SQUISH® Knee Pad

NFPA 1977



JUMPSUIT

The FireLine™ Multi Mission jumpsuit combines best-in-class performance of our jacket and pant in one complete garment. Anatomically designed with articulated elbows and knees and contoured sleeve and leg panels for superb mobility and fit. Eight pockets, including four which are 3-D expandable allow generous storage capacity. Radial sleeves and seamless shoulders for unmatched freedom of movement and comfort. X-long Zytel® leg zippers allow easy donning and doffing with boots on. Elasticized cuffs at wrist and ankles for complete adjustability and excellent interface with gloves and boots.



- Alpine style 4" high collar.
- Radial sleeve design with under arm gussets.
- All pockets complete with flaps featuring hook and loop closures.
- Cargo pocket has internal water bottle holder.
- Built-in flashlight holder and radio pocket.
- Articulated elbows and knees.
- Elasticized waist band with take-up straps.
- Elasticized wrists and ankles with adjustable tab closures.
- Adjustable gussets on sleeves and legs.
- Super-strong FR Zytel® zippers.
- Rugged, tear resistant, Pioneer™ reinforced elbows, knees and cuffs.
- High visibility triple-trim with color options.*
- Optional self-material banner with reflective letters and embroidered Nomex® patches.*
- Optional SQUISH® elbow and knee pads.*

*Details on pages 7 and 11

JUMPSUIT FABRIC OPTIONS

Nomex® IIIA 6 osy/200 gsm

Part Number	Color
#6805972	● Yellow
#6805975	● Tan
#6805998	● Black
#6805984	● Navy
#6805979	● Royal Blue
#6805981	● Red

Sigma 4 Star™ 7 osy/235 gsm

Part Number	Color
#6804772	● Yellow
#6804775	● Tan
#6804798	● Black

SIZING INFORMATION

Chest	S	M	L	XL	2XL	3XL	4XL
	34"-36"	38"-40"	42"-44"	46"-48"	50"-52"	54"-56"	58"-60"
Height	Short		Regular		Tall		
	5' 4"-5' 7½"		5' 8"-6' ½"		6' 1"-6' 4"		





Full Arm Movement

Rugged FR Zytel® Zippers

Adjustable Waist

Radio Pocket & Mic Tab

Flashlight Strap

Squish Elbows/Knees

TRIM PACKAGES

3M™ Scotchlite™ Reflective 2" Trim Options

Part Number	Description
#1-FL	● Silver Reflective Trim
#26-FL	● Lime/Yellow with Silver Stripe (Reflective Triple Trim)
#37-FL	● Red/Orange with Silver Stripe (Reflective Triple Trim)
#97-FL	● Silver Segmented Reflective Trim Applied on Nomex® IIIA Tape
#98-FL	● Lime/Yellow with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape
#100-FL	● Red/Orange with Silver Stripe (Segmented Triple Trim) Reflective Trim on Black Nomex® IIIA Tape

Sewn across shoulders in back, around biceps, around forearms, across mid-section front and back, and around legs at mid-calf.

OPTIONS

Self-Material Banner 4" (h) x 15" (w) Attached to Back

Part Number	Description
#31-FL	Sewn on Back (Color Coordinated)
#31-FL (98)	Sewn on Back (Black)
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#92-FL-1	American Flag Embroidered with Nomex® Thread (Left Arm)
#92-FL-2	American Flag Embroidered with Nomex® Thread (Right Arm)
#92-FL-3	Fire Department Shield Embroidered with Nomex® Thread

3M™ Scotchlite™ Reflective Heat Transferred Letters On Back

Part Number	Description
#21-FL	● 2" Silver Letters
#22-FL	● 2" Lime/Yellow Letters
#70-FL	● 2" Red/Orange Letters
#5-FL	● 3" Silver Letters
#23-FL	● 3" Lime/Yellow Letters
#24-FL	● 3" Red/Orange Letters

SQUISH® Honeycomb Silicone Elbow and Knee Pads

Part Number	Description
#95-FL	SQUISH® Elbow Pad
#88-FL	SQUISH® Knee Pad

Additional Options to Personalize Gear

Custom Flame Resistant Nomex® Patches, Silk-Screening, Reflective Patches, Ink Heat Transfers, Emblems and Direct Heat Transfers and Color Print Sublimated Patches and Emblems. Email specific artwork with quantities desired for quotation.

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FIRELINE[®]

Multi Mission

As a market leader in technology driven personal protective apparel, PGI designs and manufactures innovative garments for firefighters, EMS, police, military and industrial professionals around the world. The PGI line of high performance products includes Cobra™, Cobra™ NextGen™ and Cobra BarriAire™ Gold Hoods, FireLine™ and FireLine Multi Mission gear, and DriGuard™ FR Base Layer garments. Rooted in America's heartland, Green Lake, Wisconsin, PGI products meet or exceed all applicable industry standards.



ISO9001
Registered Quality System



DuPont™ **Nomex** | DuPont™ **Kevlar**

3M | **Scotchlite**™
Reflective Material

 **SAFETY COMPONENTS**

 **SQUISH**
PAD TECHNOLOGY

 **TENCATE**

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P.O. Box 307 ■ 550 Commercial Ave. ■ Green Lake, WI 54941 ■ 800.558.8290 ■ mail@pgi-inc.com ■ pgi-inc.com