

MSA
The Safety Company

GLOBE®



MATERIAL SELECTION GUIDE



ADVANCING PROTECTIVE PERFORMANCE FOR OVER 100 YEARS

For over 130 years, Globe Manufacturing Company has been committed to meeting the evolving needs of firefighters by delivering high-quality, high-performance turnout gear built from state-of-the-art materials.

How to Select your Material System

Before starting the process of selecting your Globe turnout gear, fire departments should complete a Risk Assessment pursuant to NFPA 1850 (1851), 2026 ed., including identifying the hazards their personnel may encounter in the course of their duties. A completed Risk Assessment will address critical factors for consideration, such as Incident Operations, Geographic Climate, and Specific Physical Areas of Operation.

Your department's Risk Assessment can be a valuable tool in selecting appropriate PPE, creating your specifications, and even providing budgetary justification for two sets of turnout gear or a personnel training plan.

What's New?

Globe has been engaging with its textile suppliers and encouraging them to develop new materials to meet customer demand for non-PFAS alternatives. As of August 2025, with the introduction of the GORE-TEX CROSSTECH® Innovate moisture barrier, Globe customers are now able to order an NFPA 1971-certified as well as NFPA 1970 (1971), 2025 ed.-certified (once available) ensemble that is made without intentionally added PFAS in any of the gear's three layers:

- Outer Shells: The outer shells listed in this Guide all feature a durable water-repellent (DWR) finish without intentionally added PFAS.
- Moisture Barriers: GORE-TEX CROSSTECH® Innovate is a new-to-market non-PFAS moisture barrier from W.L. Gore that is certified to NFPA 1971, 2018 ed. and NFPA 1970(71), 2025 ed., and provides penetration resistance against blood, body fluids, NFPA common chemicals, and water. According to W.L. Gore, GORE-TEX CROSSTECH® Innovate has a total fluorine concentration of no more than 100 ppm upon certification, as defined in NFPA 1970(71). Other moisture barriers listed in this Guide are made with ePTFE, a fluoropolymer that meets some broad definitions of PFAS and that provides liquid repellency, breathability, durability, and performance in extreme conditions.
- Thermal Liners: None of Globe's thermal liners are made with intentionally added PFAS components.

New materials may perform differently in some respects, which could be important for fire departments to consider as they perform risk assessments and evaluate new options in PPE.

Globe offers composites across a range of performance characteristics and encourages customers to conduct a risk assessment based on the criteria of NFPA 1850 (1851), 2026 ed., and select the garment style and materials best suited for their needs. Fire departments may wish to review and evaluate TPP, THL, Ret, wear trial results, and other performance criteria when selecting turnout gear materials. Contact your Globe Distributor to help select the right turnout gear materials, garment style, and particulate-protective solutions for your department.

To learn more about Globe's efforts to address customer demand for non-PFAS alternatives, visit msafire.com/gearinfo. For the most up-to-date information from our suppliers on PFAS content in products and identification of specific PFAS substances by component, visit msafire.com/productstewardship.

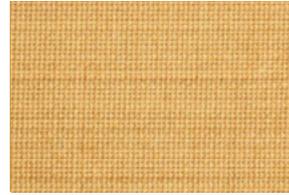
PBI® PEAK 5

PBI® PEAK 5 balances protection with added comfort in the lightest outer shell offered by Globe. A blend of PBI® and KEVLAR® fibers, along with ENFORCE™ technology, allows PBI® PEAK 5 to maintain its strength and durability in a lighter package.

 **Content:**
KEVLAR®/PBI® with FreeFAS Durable Water Repellent (DWR) finish

 **Weight:**
5.6 oz./yd.² twill weave

 **Supplier:**
TenCate Protective Fabrics



PBI® PEAK 5
Gold



PBI® PEAK 5
Black*

PBI® STRETCH XT

Stretch fabrics are the foundation of athletic gear in almost every active pursuit. New PBI® Stretch XT outer shell fabric is finished with FreeFAS™, a durable water-repellent treatment made without intentionally added PFAS. This fabric is built with ENFORCE™ Technology, which increases the trap tear performance compared to the previous version of PBI® Stretch.

 **Content:**
KEVLAR®/PBI®/Stretch blend with FreeFAS Durable Water Repellent (DWR) finish

 **Weight:**
7.2 oz./yd.² twill weave

 **Supplier:**
TenCate Protective Fabrics



PBI® STRETCH XT
Gold



PBI® STRETCH XT
Black*

FLEX7™ POWERED BY PBI®

Powered by PBI® fibers, and built with ENFORCE™ Technology, Flex7™ delivers the thermal stability and abrasion resistance modern firefighters need to stay safe and confident on the job — all constructed in a revolutionary flex twill weave that delivers an incredible feel, right out of the bag.

 **Content:**
KEVLAR®/PBI® with FreeFAS Durable Water Repellent (DWR) finish

 **Weight:**
6.9 oz./yd.² twill weave

 **Supplier:**
TenCate Protective Fabrics



FLEX7™
Gold



FLEX7™
Black*

*ALL black outer shells will fade to charcoal with normal laundering and use, often after very first wash.

Globe Turnout Gear Fabrics — Outer Shells

PBI® XT (FORMERLY GEMINI™ XT)

PBI® XT features a high-tech grid of composite filament and spun yarns, including a blend of KEVLAR® and PBI® fibers that provide strength, thermal stability, and superior abrasion resistance.

-  **Content:** KEVLAR®/PBI® blend spun yarn with composite spun wrapped filament grid yarn with FreeFAS Durable Water Repellent (DWR) finish
-  **Weight:** 7.5 oz./yd.² plain weave reinforced with high-strength filament grid
-  **Supplier:** TenCate Protective Fabrics



PBI® XT
Gold



PBI® XT
Black*

AGILITY™

This KEVLAR®/NOMEX®/PBO blend outer shell from TenCate is built with ENFORCE™ Technology to offer a blend of strength and protection..

-  **Content:** KEVLAR®/NOMEX®/PBO blend with FreeFAS Durable Water Repellent (DWR) finish
-  **Weight:** 6.6 oz./yd.² twill weave
-  **Supplier:** TenCate Protective Fabrics



AGILITY™
Light Gold



AGILITY™
Dark Gold



AGILITY™
Black Gold*

PBI MAX™ LP

PBI MAX™ LP is a lightweight outer shell incorporating the PBI® LP fiber. LP stands for Lightweight Protection, and allows this outer shell to achieve outstanding break open protection in a lightweight package. KEVLAR® filament technology is incorporated and adds strength.

-  **Content:** 70% PBI® LP/KEVLAR® spun yarns/30% KEVLAR® filament with PF Zero Durable Water Repellent (DWR) finish
-  **Weight:** 6.0 oz./yd.² twill weave
-  **Supplier:** Safety Components



PBI MAX™ LP
Gold

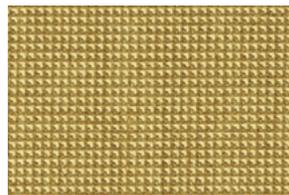


PBI MAX™ LP
Black

PBI MAX™

PBI MAX™ is remarkably flexible, lightweight, and strong. With the proven protection of PBI® and the strength of KEVLAR® Filament Technology, this shell fabric provides incredible flexibility.

-  **Content:** “PBI® Dominant” PBI®/KEVLAR® blend spun yarn with KEVLAR® filament yarn with PF Zero Durable Water Repellent (DWR) finish
-  **Weights:** 7.0 oz./yd.² twill weave
6.0 oz./yd.² twill weave
-  **Supplier:** Safety Components



PBI MAX™
Gold



PBI MAX™
Black*

ARMOR™ AP

This lightweight shell fabric uses KEVLAR® Filament Technology for added strength and flexibility.

-  **Content:**
KEVLAR®/NOMEX® with PF Zero Durable Water Repellent (DWR) finish
-  **Weight:**
6.5 oz./yd.² twill weave
-  **Supplier:**
Safety Components



ARMOR™ AP
Gold



ARMOR™ AP
Black*



ARMOR™ AP
Tan/Khaki

PIONEER™

This KEVLAR®/NOMEX® blend outer shell is even lighter and more flexible but still delivers the strength and durability you need, due to TenCate's innovative ENFORCE™ Technology.

-  **Content:**
KEVLAR®/NOMEX® blend spun yarn with FreeFAS Durable Water Repellent (DWR) finish
-  **Weight:**
6.6 oz./yd.² twill weave
-  **Supplier:**
TenCate Protective Fabrics



PIONEER™
Gold



PIONEER™
Tan/Khaki



PIONEER™
Yellow



PIONEER™
Black*

BRIGADE™ 750

With decades of proven performance, BRIGADE™ 750 still provides basic protection at an affordable price.

-  **Content:**
KEVLAR®/NOMEX® with FreeFAS Durable Water Repellent (DWR) finish
-  **Weight:**
7.5 oz./yd.² plain weave
-  **Supplier:**
TenCate Protective Fabrics



BRIGADE™ 750
Yellow



BRIGADE™
750
Black*



BRIGADE™
750
Red



BRIGADE™
750
Tan/Khaki



BRIGADE™
750
Natural/White

TITANIUM™ WITH NOMEX® NANO

DUPONT™ NOMEX® NANO dramatically reduces the weight and bulk of current turnout gear systems, helping to give firefighters increased mobility and better range of motion. It features improved total heat loss (THL) compared to typical thermal liners with similar thermal protective performance (TPP), which helps reduce heat stress. Quilted to TITANIUM™ face cloth with COOLDERM™ for enhanced moisture management and greater slickness when donning and doffing.

**Face Cloth:**

NOMEX® filament yarn with LENZING FR®/KEVLAR®/
Nylon blend spun yarn, twill weave

**Batting:**

1 layer of NOMEX® NANO (0.6 oz./yd.²) plus 1 layer of NOMEX®
nonwoven spunlace (2.3 oz./yd.²)

**Total Weight:**

6.7 oz./yd.²

**Supplier:**

TenCate Protective Fabrics



TITANIUM™ with NOMEX®
NANO

TITANIUM™ SL2i

This thermal liner incorporates COOLDERM™ Technology to provide integrated wicking for enhanced moisture management. The face cloth is designed to provide greater slickness when donning and doffing turnout gear.

**Face Cloth:**

NOMEX® filament yarn with LENZING FR®/ KEVLAR®/
Nylon blend spun yarn, twill weave

**Batting:**

2 layers of NOMEX® nonwoven spunlace (1 layer each of 2.3
and 1.5 oz./yd.²)

**Total Weight:**

7.7 oz./yd.²

**Supplier:**

TenCate Protective Fabrics



TITANIUM™ SL2i

QUANTUM4i™

PBI® blend apertured batting provides improved thermal protection and lighter weight. COOLDERM™ Technology face cloth provides active moisture wicking, evaporative cooling effect, and flexibility. Only available with PBI® Lightweight Gold™ System.

**Face Cloth:**

KEVLAR® filament yarn with LENZING FR®/
KEVLAR®/nylon spun yarn, check weave

**Batting:**

2 layers of PBI®/NOMEX® nonwoven apertured spunlace
(1 layer of 1.4 oz./yd.² and 1 layer of 1.8 oz./yd.²)

**Total Weight:**

7.0 oz./yd.²

**Supplier:**

TenCate Protective Fabrics



QUANTUM4i™

QUANTUM3D™ SL2i

A special waffle design is built into one of the batting layers to trap more air without adding weight, and the face cloth weave is inherently wicking. Only available with TenCate outer shells.

-  **Face Cloth:**
KEVLAR® filament yarn with LENZING FR®/KEVLAR®/nylon spun yarn, check weave
-  **Batting:**
NOMEX®/KEVLAR® blend nonwoven spunlace (1 layer of 2.3 oz./yd.² with waffle design and 1 layer of 1.5 oz./yd.²)
-  **Total Weight:**
7.7 oz./yd.²
-  **Supplier:**
TenCate Protective Fabrics



QUANTUM3D™ SL2i

DEFENDER® M SL2

DEFENDER® M SL2 provides superior moisture management and comfort. The face cloth utilizes the same fiber blend as used in uniforms worn by the military.

-  **Face Cloth:**
LENZING FR®/para-aramid/nylon blend spun yarn, plain weave
-  **Batting:**
2 layers of NOMEX® nonwoven spunlace (2 layers of 2.3 oz./yd.²)
-  **Total Weight:**
7.8 oz./yd.²
-  **Supplier:**
TenCate Protective Fabrics



DEFENDER® M ELITE SL2
Camo



DEFENDER®
M ELITE SL2
Brass

DEFENDER® M NP

Combining the superior moisture management and comfort of the DEFENDER® M face cloth with the proven protection and value of a single layer KEVLAR®/NOMEX® needlepunch blend batt, this thermal liner is an excellent upgrade from ARALITE® NP.

-  **Face Cloth:**
LENZING FR®/para-aramid/nylon blend spun yarn, plain weave
-  **Batting:**
1 layer of needlepunch nonwoven
-  **Total Weight:**
7.0 oz./yd.²
-  **Supplier:**
TenCate Protective Fabrics



DEFENDER® M ELITE NP
Brass

GLIDE ICE™ NOMEX® NANO

DUPONT™ NOMEX® NANO significantly reduces the weight and bulk of current turnout gear systems, helping to give firefighters increased mobility and better range of motion. It features improved total heat loss (THL) compared to typical thermal liners with similar thermal protective performance (TPP), which helps reduce heat stress. Quilted to the latest low-friction GLIDE ICE™ face cloth for optimum comfort. Recommended for use with Safety Components outer shells.

**Face Cloth:**

60% NOMEX® filament yarn with 40% NOMEX®/LENZING FR® blend spun yarn, twill weave

**Batting:**

1 layer of NOMEX® NANO (0.6 oz./yd.²) plus 1 layer of NOMEX® nonwoven spunlace (2.3 oz./yd.²)

**Total Weight:**

6.5 oz./yd.²

**Supplier:**

Safety Components



GLIDE ICE™
NOMEX® NANO

GLIDE ICE™ PBI® G2

GLIDE ICE™ PBI® G2 offers a slick, flexible face cloth with an FR® rayon blend for improved hand. Quilted to two apertured batting layers blended with PBI® fiber to reduce weight at equivalent thermal protection. Only available with PBI® Lightweight Gold™ System.

**Face Cloth:**

60% NOMEX® filament yarn with 40% NOMEX®/LENZING FR® blend spun yarn, twill weave

**Batting:**

PBI®/NOMEX® blend nonwoven apertured spunlace (1 layer of 1.4 oz./yd.² and 1 layer of 1.8 oz./yd.²)

**Total Weight:**

6.8 oz./yd.²

**Supplier:**

Safety Components



GLIDE ICE™ PBI® G2

GLIDE ICE™

Low friction, flexibility, and comfort all rolled up in one.

**Face Cloth:**

60% NOMEX® filament yarn with 40% NOMEX®/LENZING FR® blend spun yarn, twill weave

**Batting:**

2 layers of NOMEX® nonwoven spunlace (1 layer each of 2.3 oz./yd.² and 1.5 oz./yd.²)

**Total Weight:**

7.4 oz./yd.²

**Supplier:**

Safety Components



GLIDE ICE™

GORE-TEX CROSSTECH® BLACK MOISTURE BARRIER

The GORE-TEX CROSSTECH® Black moisture barrier is widely recognized for providing high breathability and durability.



Substrate:

NOMEX® fabric woven from spun fibers (pajama check)



Membrane:

Enhanced bicomponent GORE ePTFE film



Supplier:

W.L. Gore & Associates, Inc.



GORE-TEX CROSSTECH®
Black Moisture Barrier

GORE-TEX CROSSTECH® PARALLON® LINER SYSTEM

The GORE-TEX CROSSTECH® PARALLON® Liner System offers a new level of breathability and enhanced thermal protection with this unique multi-barrier liner system that replaces the moisture barrier and thermal liner in conventional gear.



Exterior Layer:

NOMEX® fabric woven from spun fibers (pajama check), plain weave, coupled with proprietary GORE ePTFE film



Middle Layer:

Meta-aramid/para-aramid non-woven, coupled with proprietary GORE™ ePTFE film



Body-Side Layer:

60% KEVLAR® filament yarn/40% NOMEX®/LENZING® FR blend spun yarn, twill weave, coupled with proprietary GORE™ ePTFE film



Supplier:

W.L. Gore & Associates, Inc.



GORE-TEX CROSSTECH®
PARALLON™ LINER SYSTEM

GORE-TEX CROSSTECH® INNOVATE MOISTURE BARRIER

For customers seeking turnout gear made from materials without intentionally added PFAS, GORE-TEX CROSSTECH® Innovate is a new-to-market non-PFAS moisture barrier from W.L. Gore that is certified to NFPA 1971, 2018 ed. and NFPA 1970(71), 2025 ed., and provides penetration resistance against blood, body fluids, NFPA common chemicals, and water. According to W.L. Gore, GORE-TEX CROSSTECH® Innovate has a total fluorine concentration of no more than 100 ppm upon certification, as defined in NFPA 1970(71).

**Substrate:**

FR textile

**Membrane:**

Proprietary Gore film

**Supplier:**

W.L. Gore & Associates, Inc.



GORE-TEX CROSSTECH® Innovate Moisture Barrier

GORE-TEX CROSSTECH® PRIME MOISTURE BARRIER

The all-new GORE-TEX CROSSTECH® Prime Moisture Barrier offers improved breathability compared to its predecessor. It is also certified to meet all of the requirements of both NFPA 1971, 2018 edition and NFPA 1970 (1971), 2025 edition. It accomplishes all of this while being offered at a value price.

**Substrate:**

FR textile

**Membrane:**

Proprietary Gore film

**Supplier:**

W.L. Gore & Associates, Inc.



GORE-TEX CROSSTECH® Prime Moisture Barrier

GORE-TEX CROSSTECH® ENDURE MOISTURE BARRIER

The new GORE-TEX CROSSTECH® Endure Moisture Barrier offers an enhanced combination of breathability and durability compared to previous options. Engineered to have low evaporative resistance, composites utilizing GORE-TEX CROSSTECH® Endure have been shown to have Ret values under 20. It is certified to meet all of the requirements of NFPA 1970 (1971), 2025 edition.

**Substrate:**

FR textile

**Membrane:**

Proprietary Gore film

**Supplier:**

W.L. Gore & Associates, Inc.



GORE-TEX CROSSTECH® Endure Moisture Barrier

Consult your Globe Distributor for available certified combinations of outer shells, thermal liners, and moisture barriers.

STEDAIR® GOLD

STEDAIR® GOLD is the light and more flexible moisture barrier that is part of the PBI® Lightweight Gold™ System, using a PBI®/KEVLAR®/NOMEX® blend substrate for maximum thermal stability and flexibility. Also available with numerous other outer shell and thermal liner composites.



Substrate:

PBI®/KEVLAR®/NOMEX® blend woven fabric



Membrane:

Bi-component ePTFE



Supplier:

Stedfast



STEDAIR® GOLD

STEDAIR® 4000

This is one of Stedfast's most popular moisture barriers, combining excellent TPP performance with impressive THL results.



Substrate:

NOMEX® fabric woven from spun fibers (pajama check)



Membrane:

Bi-component ePTFE



Supplier:

Stedfast



STEDAIR® 4000

STEDAIR® 3000

This barrier has earned a reputation for solid performance and durability at an affordable price.



Substrate:

NOMEX® nonwoven spunlace



Membrane:

Bicomponent ePTFE



Supplier:

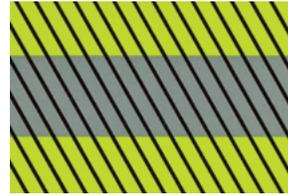
Stedfast



STEDAIR® 3000

3M™ SCOTCHLITE™ COMFORT TRIM

3M™ SCOTCHLITE™ COMFORT TRIM reflective material is segmented and heat sealed to be lighter, more flexible, and breathable without sacrificing daytime and nighttime visibility. The reflective surface is composed of wide-angle, exposed retroreflective lenses (glass beads) integrally centered on a fluorescent background color bonded to a heat-activated adhesive.



3M™ SCOTCHLITE™
COMFORT TRIM
Lime/Yellow



3M™ SCOTCHLITE™
COMFORT TRIM
Red/Orange

3M™ SCOTCHLITE™ TRIPLE TRIM & SOLID

A popular choice for overall proven performance and affordability, 3M™ SCOTCHLITE™ TRIPLE TRIM incorporates a center silver stripe impregnated into the 3M™ SCOTCHLITE™ trim. The reflective surface of this solid-color fluorescent trim is composed of wide-angle retroreflective lenses (glass beads) bonded with a special polymer layer to a durable, flame-resistant backing. Available with red/orange or lime/yellow, offering both fluorescence for daytime visibility and superior reflective properties for nighttime visibility.



3M™ SCOTCHLITE™ TRIPLE TRIM
Lime/Yellow with Silver Center



3M™ SCOTCHLITE™
TRIPLE TRIM
Red/Orange with Silver
Center



3M™ SCOTCHLITE™ SOLID
Lime/Yellow



3M™ SCOTCHLITE™ SOLID
Red/Orange

ORALITE® ULTRA BRILLIANCE™

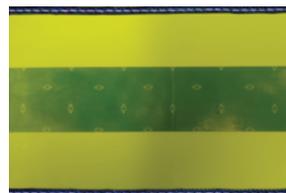
ORALITE® ULTRA BRILLIANCE™ is composed of cube corner (microprism) retroreflective elements bonded to a flexible, smooth-surfaced, weather-resistant, UV-stabilized polymeric film. The prism surfaces are metalized to protect them from dirt and moisture.



ORALITE® ULTRA BRILLIANCE™
WITH STRIPE
Lime/Yellow with Lime Center



ORALITE®
ULTRA
BRILLIANCE™
Lime/Yellow



ORALITE® ULTRA BRILLIANCE™
WITH STRIPE
Two Tone Lime/Yellow



ORALITE®
ULTRA
BRILLIANCE™
WITH STRIPE
Two Tone Red/
Orange

NOTE: Must specify “With Stripe” or “Two Tone”

Globe Turnout Gear – Trim Styles



NYC 3" Trim



NFPA BASIC 3" Trim
NFPA Basic is NYC without the upper sleeve bands.

Upper sleeve trim bands are not required on NFPA-compliant jackets. With the emphasis on lightweight, breathable garments, not having the upper sleeve trim band allows the sleeve to be more flexible, provides increased breathability, and even reduces cost.

NOTE: CLASSIX® SE turnout gear can only be ordered with the NYC or NFPA Basic trim packages. ATHLETIX™ turnout gear is only available with 3M™ SCOTCHLITE™ COMFORT TRIM.



PROJECT FIRES 3" Trim



NFPA VERTICAL 3" Trim
NFPA Vertical is Project Fires without the upper sleeve bands.



PROJECT FIRES II 3" Trim



NFPA Vertical II 3" Trim
NFPA Vertical II is Project Fires II without the upper sleeve bands.



HIGH VISIBILITY 3" Trim



NFPA HIGH VISIBILITY 3" Trim
NFPA High Visibility is High Visibility without the upper sleeve bands.



HIGH VISIBILITY II 3" Trim



NFPA HIGH VISIBILITY II 3" Trim
NFPA High Visibility II is High Visibility II without the upper sleeve bands.

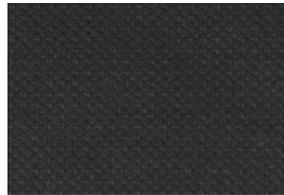
DRAGONHIDE®

This specially engineered fabric combines the flexibility of shell materials with outstanding abrasion resistance. It is nonskid, nonabsorbent, and easy to clean.

Content:
 Para-aramid/meta-aramid spun yarn, twill weave, polymer-coated back

Weight:
 10.0 oz./yd.²

Supplier:
 Proprietary to Globe



DRAGONHIDE®
Black

ARA-SHIELD®

This material is easy to clean, offers exceptional strength, and is double coated to prevent moisture absorption.

Content:
 KEVLAR® spun yarn, twill weave, polymer coated on both sides

Weight:
 16.5 oz./yd.²

Supplier:
 TenCate Protective Fabrics



ARA-SHIELD®
Grey



ARA-SHIELD®
Black



ARA-SHIELD®
Gold

LEATHER

Globe leather is an economical and durable reinforcement option, especially suited for training activities.

Content:
 Chrome tanned cowhide, suede surface

Thickness:
 1.0 — 1.2 mm

Supplier:
 Proprietary to Globe



LEATHER
Grey



LEATHER
Black

SILIZONE®

SILIZONE® foam padding is a flame-resistant, nonabsorbent, flexible silicone foam material. Its excellent insulating properties increase thermal protection, and its resistance to compression improves comfort when crawling and kneeling.

Content:
 Closed-cell silicone foam

Thickness:
 0.25 inch

Supplier:
 Rogers Corp.



SILIZONE®

GORE-TEX CROSSTECH[®] INNOVATE MOISTURE BARRIER



RELIABLE NFPA-PERFORMANCE THROUGH UNPARALLELED ENGINEERING

- ◆ Reliable protection against blood, body fluids, NFPA common chemicals, and water
- ◆ Advanced engineering ensures optimized performance of an integrated product package, including our moisture barrier fabric, seam tape, and repair tape
- ◆ Complies with the optional requirement of NFPA 1970(71) standard

Globe products are manufactured to meet or exceed industry standards. While we have used a commercially reasonable degree of care to verify that the information contained herein is accurate at the time of publishing, Globe Manufacturing Company, LLC, and its affiliates assume no liability for its accuracy or completeness. Users of Globe products may not rely solely on this Material Selection Guide, but must satisfy themselves by independent investigation that the products and materials they select are safe for their intended use. We have described certain hazards, but we cannot guarantee that these are the only hazards that users may encounter, particularly while participating in the inherently dangerous activity of firefighting. No products, including garments and footwear, protect completely, even when new; their protective performance will decline with wear, tear, abrasion, and other damage associated with use. The information contained in this Material Selection Guide is illustrative only and does not constitute an offer, inducement, representation, promise, guarantee, warranty, or contract of any kind with respect to the materials described herein.

DUPONT, NOMEX, KEVLAR, and designs are trademarks or registered trademarks of affiliates of DuPont de Nemours, Inc.

GORE, GORE-TEX, CROSSTECH, PARALLON, and designs are trademarks of W.L. Gore & Associates, Inc.

3M, SCOTCHLITE, and designs are trademarks of 3M Company used under license in Canada.

PBI, PBI LIGHTWEIGHT GOLD, and PBI MAX are trademarks or registered trademarks of PBI Performance Products, Inc.

ARMOR, GLIDE, and GLIDE ICE are trademarks or registered trademarks of Safety Components, Inc.

ADVANCE, AGILITY, ARALITE, ARA-SHIELD, BRIGADE, CALDURA, COOLDERM, DEFENDER, ENFORCE, KOMBAT, PIONEER, QUANTUM3D, QUANTUM4, QUANTUM4I, TENCATE, TITANIUM, and ULTRA are trademarks or registered trademarks of TenCate Protective Fabrics USA.

LENZING FR is a registered trademark of Lenzing AG.

STEDAIR is a registered trademark of Stedfast Inc.

ORALITE and BRILLIANCE are trademarks or registered trademarks of ORAFOL Europe GmbH.

NFPA and National Fire Protection Association are registered trademarks of the National Fire Protection Association.

GLOBE, ATHLETIX, CLASSIX, DRAGONHIDE, GLOBE GUARD, SILIZONE, SUPRAFLEX, and designs are trademarks or registered trademarks of Globe Holding Company, LLC.

Globe Turnout Gear is manufactured by Globe Manufacturing Company, LLC, or Globe Manufacturing Company — OK, LLC, and sold by Globe Manufacturing Company, LLC.

Globe Manufacturing Company

37 Loudon Road

Pittsfield, NH 03263

Tel: 800-232-8323

603-435-8323

Globe.Info@MSAsafety.com

msasafety.com/products/turnout-gear

YOUR GLOBE PRODUCTS DISTRIBUTOR

1601-011-MC / 11.2025

© MSA 2025



GLOBE®