



**WORLD CLASS PROTECTION FOR
FIREFIGHTERS - WORLDWIDE**

EAGLE TECHNICAL PRODUCTS ARE ONE OF THE WORLD'S LEADING MANUFACTURERS OF BEST-IN-CLASS FIRE SUITS, HOODS, HEADWEAR, GLOVES AND OTHER FR GARMENTS. OUR SPECIALISTS ARE EXPERIENCED IN TECHNICAL GARMENT MANUFACTURE TO THE HIGHEST STANDARDS.



TO PROTECT THE WORLD'S FIREFIGHTERS, AND COMMUNITIES BY PROVIDING QUALITY PROTECTIVE SOLUTIONS FOR THE MOST CRITICAL SITUATIONS



In 2022 Eagle became part of Lakeland Industries. Lakeland Industries is a NASDAQ listed company focussed in protecting people in high risk critical environments. Combined with Lakeland's 40 years of experience in protective apparel design and manufacturing, Eagle continues it's dedication to providing the highest quality fire suits, hoods, and fire fighter PPE. The Eagle range is extended from head to toe protection with joining forces together with Jolly Scarpe Protective Footwear and Pacific Helmets.

We work with you to establish precisely what your requirements are and then create a solution that delivers.

As part of our tailored solutions, we work with world leaders in fabric development and innovation, including Carbon X, DuPont, Kermel, Lenzing FR, Nomex and PBI Performance Products.

A close-up photograph of a person's hands operating a sewing machine. The person is wearing a dark long-sleeved shirt and a ring on their left hand. The sewing machine is a large industrial model with a prominent foot stitching a piece of light-colored fabric. The background shows other sewing machines and factory equipment, all rendered in a soft, warm orange color palette. The overall scene conveys a sense of manual craftsmanship and industrial production.

ADVISE > DESIGN > MANUFACTURE

HIGHEST STANDARDS OF FIREFIGHTER SAFETY



WE ADVISE

As an industry leading, global provider of protective clothing and equipment, we advise you on the best solution to suit your needs.



WE DESIGN

If our range doesn't include the right product for a particular task, our specialist designers will create it bespoke. We can also brand any product according to your requirement.



WE MANUFACTURE

We have the experience and the expertise to manufacture bespoke products ourselves, giving us total control over the whole process.

Your firefighter solution starts with a conversation. We combine our unique industry expertise with your individual requirements to build a complete picture, then work with you to provide the most appropriate solution.

Our range of fire suits, headwear, gloves and clothing is designed for a wide variety of demanding working environments. However, if we don't stock exactly what you need in our extensive range, we can offer a

bespoke design and manufacture service - delivering the highest quality to meet your needs through our expertise and control of the entire process.

Please [contact us](#) to discuss your requirements.



BTTG™ MEMBER



ISO 9001



ISO 14001



ISO 45001



MODULE D

ONE SUIT - 3 APPLICATIONS STANDALONE SUIT

- 🔥 Structural EN 469:2020
- 🔥 Wildland EN ISO 15384:2020 +A1:2021
- 🔥 Technical Rescue EN 16689:2017

$$1 + 1 = 3$$

Synergy is the World's Lightest High Performance EN469:2020 Fire Suit, highly breathable, providing reduced Heat Stress.

Synergy 469 is a multi-functional Fire Suit to meet the requirements of Modern Day Fire Fighters. Synergy 469 is a standalone Structural Fire Suit which exceeds the requirement of EN 469:2020 but assembly weighs only 435g m².

Synergy 469 has been designed to reduce the overall weight of the suit by 32% compared to leading assemblies.

BTTG ISO 13506-2:2017 Manakin test (RALPH) demonstrates Synergy's exceptional performance and protection provided from heat and flame when worn with our ISO 21942:2019 station wear.



**3D STRUCTURE PROVIDES
EXCEPTIONAL PROTECTION AND
DISSIPATES HEAT QUICKLY**

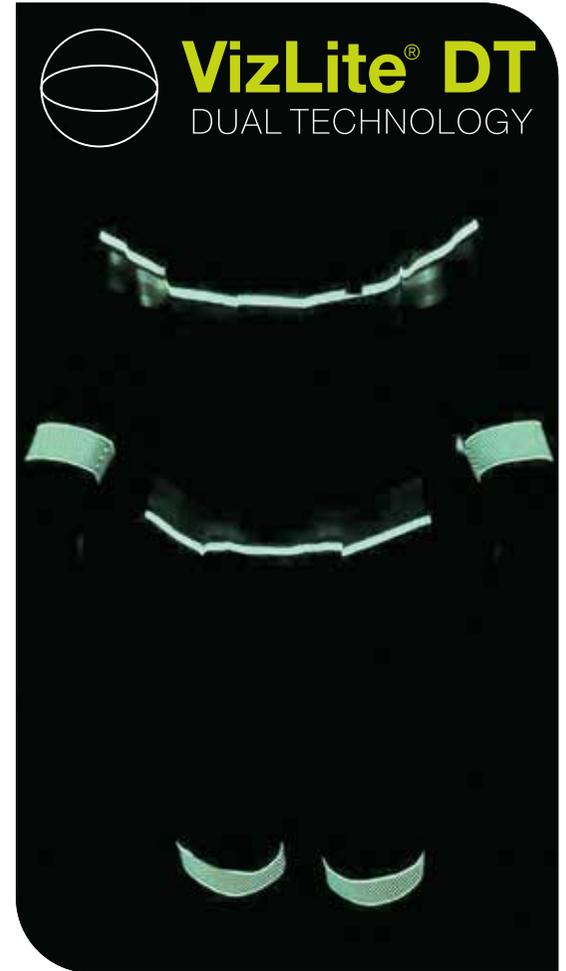
IS THE BIGGEST DANGER TO FIREFIGHTERS



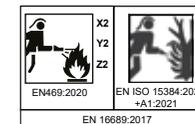
**THE WORLD'S LIGHTEST
FIRE SUIT CONFORMING TO
EN 469:2020**



**LIGHTER WEIGHT
MORE PROTECTION!**



Certified according to



EN 1149-5:2018



The Eagle Peak 5 suit utilizes the latest PBI fabric from Tencate. Weighing in at 5.6 ounces per square yard (190 gsm), PBI® Peak5® delivers the highest percentage of PBI® fiber currently available in the market. With the unmatched thermal protection of PBI® combined with the time-tested strength of Kevlar® – it’s an outer shell that delivers a one-two punch of maximum performance.

Engineered with patent-pending ENFORCE™ Technology, PBI® Peak5® offers firefighters a balanced fabric that is strong throughout the gear but is still lighter in weight to provide a better range of motion as well as reducing the risks of heat stress.

PBI® Peak 5 provides outstanding thermal protection and is 20% stronger than comparable outer shell fabrics. This revolutionary new outer shell fabric will stand up to abrasion, wear and tear, as well as the harsh working conditions that firefighters face on a daily basis. THE PBI® Peak5® outer is combined with the latest 3-dimensional Bi component PTFE innovation in moisture barriers from Alpex, and the lightweight 3 dimensional woven Tridex Light to offer exceptional thermal performance, heat dissipation, resistance to blood borne pathogens and breathability.

Certified according to



EN469:2020



AS4967:2019



EN 1149-5:2018

FALCON TWIN SQUARE FIRE SUIT



The Falcon Fire suit has undergone extensive testing and wearer trials to ensure excellent performance in the toughest conditions. It's lighter and stronger and considers the full system over individual elements. The special lining materials we are using are a unique system to prevent heat stress and this innovative approach targets heat-stress reduction and maximize the physiological performance of the user. The suit has excellent ergonomics. The silver chevron heat applied reflective tape adds to the flexible and comfort of this suit. Spacetec® padding & reinforcement in key areas ensures protection from breathing apparatus.

The patented "low heat stress" technology Topaz FX from Trans-Textil makes flame-retardant high-performance textiles even lighter and more breathable. In this way, Topaz FX reduces the risk of heat stress and enables increased physiological performance in action.

- Excellent manikin burn statistics
- Patented technology moisture management
- Excellent UV protection with high tensile outer shell

Topaz
FX

Certified according to



EN469:2020



EN 1149-5:2018



KERMEL CORE FX FIRE SUIT



LIGHTER WEIGHT
MORE PROTECTION!



TARGETING 'EXTRA TIME' WITH CORE FX

One thing that is key for a firefighter is time. Time to get out! Core FX is designed and tested to give this protection – EXTRA TIME.



Certified according to



EN469:2020



EN 1149-5:2018

- The Core FX suit offers the latest in technical solutions and ergonomic design
- Tested to Double Flashover, Core FX is constructed with new technology which withstands double flashover testing
- Tridex liner system providing exceptional moisture management
- High levels of breathability – Low RET score
- Superb UV Protection



PbiPRO is unique compared to competitor fabrics. It is created with an engineered yarn to combine additional heat and flame protection with the super-strong filaments making for improved flame and UV protection. The Vulcan delivers a weight reduction of up to 40% on some leading historical products in use today. Materials and improved design mean breathability and comfort has been achieved. The advances in outer shell and the inner materials means that this product will have greater UV protection and therefore extend garment life. The Vulcan is ready for you.

- Strongest PBI
- Superior laundry performance
- UV Protection
- Incredible Breathability – Low RET
- Ergonomic Design
- Innovative Technology to Reduce Heat Stress



Certified according to



EN469:2020



EN 1149-5:2018

VULCAN A90

KERMEL FIRE SUIT

KERMEL FIRE SUIT



KERMEL
Metaskin Design

VULCAN A90 - NO COMPROMISE

Kermel A90 consists of 99% meta-aramid and 1% antistatic. The **Vulcan A90** is Eagle's entry level fire suit which provides many features you would expect to see in a premium product. There is no compromise in terms of safety or quality to meet the new higher standard EN469:2020.

- Excellent colour fastness (wash and light fastness)
- No pilling: permanently looks good
- Optimal wearing comfort
- Above average dimensional stability – even after frequent washing.
- Permanent flame retardancy, non-melting, non dripping
- No breaking of the fabric after contact with flame
- No afterburning and afterglow after removing the flame



Designed in collaboration with UK County Fire and Rescue Services, Eagles new 1 and 2 piece wildland fire suit uses lightweight fabric providing comfort all year round with minimal bulk. Incorporating lightweight heat applied YSY tape and DT Vislite tape for maximum visibility in low light conditions, the tunic and trouser is designed with the fire fighter in mind.



Refer to page 17 & 23 to view
 Wildland Masks & Helmets

Certified according to



BS EN ISO15384:2020

KEY FEATURES

Revolutionary Photoluminescent Technology: Absorbing UV light by day and emitting a potent afterglow in low light with a 555-nanometer wavelength, these gloves offer unparalleled visibility for firefighters, enhancing situational awareness for swift, safe navigation in high-risk environments, penetrating smoke where traditional torches falter.

Advanced Grip and Abrasion Performance: The PBI® Flex 7™ is engineered to elevate your performance with increased grip and abrasion resistance, providing you with the confidence to tackle any task with precision and control.

FLEX7™
 POWERED BY **pbi**



MATERIALS: Outershell Upper Material: PBI® Flex 7™.
 Liner: Porelle PU Membrane, Nomex & Kevlar Knit. Palm: Silicone Coated Kevlar.

Revolutionary knuckle design enhances dexterity, comfort, and fit, ensuring seamless manoeuvrability and control. Ceramic coating boosts grip and abrasion resistance for unparalleled durability. Aramid knitted lining and Meta-Aramid/Para-Aramid knit palm with silicone coating provides exceptional durability and grip.

Certified according to





MATERIALS: Outershell Upper Material: Premium Cowhide Grain Leather.
Liner: Porelle PU Membrane, Nomex & Kevlar Knit. Palm: Cowhide Suede Leather.

Revolutionary knuckle design enhances dexterity, comfort, and fit, ensuring seamless manoeuvrability and control. Ceramic coating boosts abrasion resistance for unparalleled durability. Aramid knitted lining and suede cowhide leather palm provides exceptional durability, thermal protection and grip.

VizLite[®] DT
DUAL TECHNOLOGY

Test results taken from Optical testing report

Dimly lit room different smoke levels

Smoke Level	DT PRO FIRE 50 (MINI CANDELAS)	DT PRO FR (MINI CANDELAS)	STANDARD TAPE (MINI CANDELAS)
No smoke	~1000	~700	~100
Light	~350	~250	~50
Medium	~200	~150	~50
Dense	~500	~400	~50

Certified according to



ETF309V2
FIREFIGHTING GLOVE



ETF309V5 - PREMIUM HI VIS
FIRE PRO FIREFIGHTING GLOVE



- The outer shell is a pre curved hand and finger shape, for added comfort, better dexterity, and less hand fatigue.
- Inset thumb to ensure tunic compatibility
- The waterproof membrane is heat bonded to a Kevlar knitted lining, the membrane is then sewn into the tops of each finger and the thumb to ensure no pull-out and 100% lining retention
- The cuffing is double folded for added protection to the wrist area, all with double sewn seams
- The high density stitch counts 5-6 stitches per cm to help keep hand shape, with double stitching on all re-enforcement areas

Certified according to



Picture features ETF2 design – also available in ETF20, ETF6, ETF8

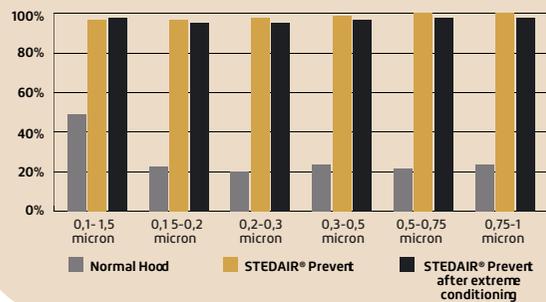
THE ONLY AIR PERMEABLE PARTICULATE BARRIER WITH 99.9% BLOCKING EFFICIENCY

-  99.9% BLOCKING EFFICIENCY AFTER 200 WASH/DRY CYCLES
-  HIGHLY AIR PERMEABLE
-  SUPERB DURABILITY
-  UNMATCHED BREATHABILITY
-  SUPERIOR PARTICULATE BLOCKING PERFORMANCE



MICRON BLOCKING EFFICIENCY

STEDAIR® Prevent maintains very high micron blocking level even after enduring extreme heat conditions



 **KERMEL**
Metaskin Design

StedAIR®
PREVENT

Protect Against Contaminants
200x 

This garment has been tested 200 x Wash/Dries & continues to perform

Certified according to



P-BLOCK NANOFLEX LAMINATED PARTICULATE BLOCKING HOOD



DUPONT
Nomex

Using 2nd generation nanoflex technology, the Eagle P-Blok Nano Hood is the only solution offering air permeable PFAS Free particle blocking technology providing 99.8% blocking efficiency. To support increased frequency of laundering to reduce fire fighters exposure to contaminants, Eagle's P-Blok Nano Hood has been tested to show compliance to EN13911:2017 and NFPA 1971 Blocking efficiency performance following 250 washes. The addition of Nomex® Nano Flex to a firefighter hood composite structure provides improved particle barrier protection in the neckline and upper jaw area that historically are known to be the most vulnerable and least protected. Full Particulate Coverage: providing particulate barrier throughout the entire hood and bib for maximum protection.

Certified according to



EN13911:2017



This garment has been tested 250 x Wash/Dries & continues to perform



Thin and Lightweight



No fluorinated chemicals intentionally added



Reduces heat stress

TRADITIONAL KNITTED HOODS



Certified according to



This garment has been tested 40 x Wash/Dries & continues to perform



EN13911:2017



ETF20CX
Carbon X



ETF20TKV
Tan Kermel Viscose



ETF20PBI
PBI



ETF2PBI
PBI



ETF6PBI
PBI



ETF6NKV
Navy Kermel Viscose



ETF8TKV
Tan Kermel Viscose



ETF2TKV
Tan Kermel Viscose

Eagle structural firefighting hoods are known throughout the world for their superior fit and comfort. The double flat locked seam ensures excellent wearer acceptance and compatibility with other PPE. We provide hoods in four different designs to accommodate different shoulder and neck coverage requirements. We select from world leading materials including PBI, Carbon X, Kermel, Lensing and Nomex. Garments are tested to 40 times laundry to ensure maximum safety and longevity.



9300/GA SUPERLEGGERA

Lightweight and comfortable multiactivity halfboot, suitable also for emergencies.

CERTIFICATION

EN 15090:2012 F2A H13 CI AN SRC AS/NZS 4821:2014



GORE-TEX
CROSSTECH®
PRODUCT TECHNOLOGY



9381/GA1 FIRE GUARD 2.0

Firefighter boots with new design and good fit.

CERTIFICATION

EN 15090:2012 F2A H13 CI AN SRC



9305/GA1 FIRE PROFI 2.0

The pull-on boot with the highest flexibility and comfort.

CERTIFICATION

EN 15090:2012 F2A H13 CI AN SRC



FIRE FIGHTERS FOOTWEAR



6530/GA WILDLAND PRO

Boot for forestry workers and for wildfires.

CERTIFICATION

ISO 16073-6:2021 H13 E P A CR FO AN HRO CI SRC
EN 15090:2012 F1PA H13 AN CI SRC



GORE-TEX
CROSSTECH®
PRODUCT TECHNOLOGY



9016/A FIRELEATHER EVO

Fire-fighter boot suitable also for search & rescue and training activities.

CERTIFICATION

EN 15090:2012 F2A H13 CI SRC



9052/A SPECIAL GUARD

Fire-fighter boot suitable also for search & rescue and training activities.

CERTIFICATION

EN 15090:2012 F2A H13 CI SRC

KEY FEATURES

Tough Exterior: The DuPont™ Kevlar® and Fiberglass reinforced shell provides premium impact protection.

Premium Comfort: The 3D air mesh and leather padding system deliver comfort and allows enhanced airflow giving reprieve during the long and tough responses.

Balanced Design: Mitigates neck fatigue and wearer stress during extended periods of wear.

Simple Connection: The lighting adaptor points are simple to use and provide the option for torches to be low side mounted or a front centre headlamp option is available.

Unimpeded Hearing: The helmet design has allowed space between the ears and helmet which aids in improved hearing during calls in the field.



PACIFIC F15

The F15 Structural Fire Helmet is a testament to enduring safety. The full coverage protection type B design features our unique Kevlar® Fiberglass reinforced shell with an advanced modular chassis to deliver unhindered performance to the wearer.

The balanced design of the helmet incorporates a 6-point ribbon harness set with our 3D air mesh and leather padding system for improved comfort, reduced neck fatigue and wearer satisfaction. The pivoting rear nape strap accommodates varying head sizes and shapes while ensuring a stable and optimal fit.

The integrated clear dual pivot full face visor and the easy stow and deploy One Touch Eye Protector (OTEP)™ deliver full face and eye protection for peace of mind during the toughest calls. The chassis modular design provides a base for torch (flashlight) mount points, whether you require a front mounted centre headlight or side mounted torches. Additionally, the side adaptor plates can be changed to suit SCBA clip style masks.

CERTIFICATIONS:

EN443:2008 Structural Fire Fighting
EN 14458:2018 Eye & Face Protection
EN166:2001 Eye Protection



Pacific Helmets offers a wide range of standard colours for you to choose from for your helmets. Custom colours are also available by request, minimum order quantity may apply.

Note: This is intended as a guide only. Please contact an Eagle representative for a true colour swatch.

Please note: helmets pictured may be shown with optional features. Please ask your Eagle representative for more information.

WILDLAND FIRE AND TECHNICAL RESCUE HELMETS



R6 CHALLENGER

Designed with invaluable feedback from end users, the Challenger helmet leads the R6 series with unmatched versatility and protection. Built with Pacific's advanced Kevlar® fiberglass reinforced composite shell and finished with a tough beaded edge trim, the Challenger is engineered to endure the harshest conditions.

Its superior impact and penetration resistance ensures your safety in any situation. Inside, the helmet features a comfortable and stable harness system along with a 4-point chinstrap, and the air mesh design improves airflow for maximum comfort.

Available in various configurations and with selected accessory options, the Challenger is ideal for wildland fire, technical rescue, and industrial applications. Experience the exceptional design and performance of the Challenger helmet today.

CERTIFICATIONS:

EN 16471:2014 Wildland Fire Fighting
EN16473:2014 Technical Rescue
ANSI Z87.1:2020 Eye & Face Protection



R6V DOMINATOR

Enhancing the R6 series, the Dominator helmet features a vented shell perfect for applications requiring optimized airflow. Similar in profile to the Challenger helmet, the Dominator is equipped with the Dynamic Sealed Ventilation System (DSVS™), ensuring watertight protection when closed and optimal airflow when open. Constructed with our unique Kevlar® fiberglass reinforced shell and tough beaded edge trim, the Dominator is designed to endure the harshest conditions.

The 6-point suspension system and 4-point chinstrap combine to provide exceptional comfort and stability. Its balanced design reduces neck strain and fatigue, making it ideal for long-duration wear.

Available in various configurations with tailored accessory mount options, the Dominator excels in urban search and rescue, rope access recovery, confined space extrication, and wildland firefighting. Count on the Dominator for reliable protection and peace of mind in the most demanding environments.

CERTIFICATIONS:

EN 16471:2014 Wildland Firefighting
EN 16473:2014 Technical Rescue
EN12492:2012 Mountaineering
ANSI Z87.1:2020 Eye & Face Protection



R6L PATROLLER

The R6L helmet enhances our rescue range, offering a unique design tailored for wildland fire and tactical rescue operations. Inspired by feedback from users needing more space for an optimal fit, the R6L ensures comfort without compromise.

Its durable, lightweight shell is crafted from our unique Kevlar® and Fiberglass-reinforced composite with a beaded edge trim. The helmet features a VAS shroud with picatinny rails, providing attachment points for essential equipment like NVG, torches, or hearing protection.

Designed for full head and neck movement, the R6L is especially effective in confined space rescues. Additionally, the integrated internal clear eye protector can be easily deployed and stowed, making it ideal for extrication and road traffic response incidents.

CERTIFICATIONS:

EN16471:2014 Wildland Fire Fighting
EN16473:2014 Technical Rescue
EN166:2012 Eye Protection
EN14458:2018 Eye Protection



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