

**ELITE  
PERFORMANCE.  
UNRIVALED  
SAFETY.**



**INNO TEX  
ENERGY™ / ELITE**

High-performance turnout gear

**INNO  
TEX**  
BE STRONG.  
BE SAFE.




**INNOTEX**  
**ENERGY™ ELITE**


# WELCOME TO THE ELITE

Introducing our most advanced turnout gear to date: ENERGY™ ELITE. We've reengineered our high-performance gear by combining our unique features and designs. The AIRFLOW system and Dual Metabolic Zone design now work as one\*, and this is key for ultimate protection, comfort, and durability. It's also everything you've come to appreciate about our industry-leading ENERGY™ turnout gear, and even more. That's elite.

\*Patent pending

 UP TO 50% INCREASE IN THERMAL PROTECTION IN ZONE 1

 UP TO 25% INCREASE IN BREATHABILITY IN ZONE 2

 UNIQUE SEAM ENGINEERING & DURAHEM HEMS FOR BETTER DURABILITY

# ELITE PROTECTION

## REENGINEERED DUAL METABOLIC ZONE DESIGN

We've completely rethought our patented Dual Metabolic Zone design to maximize thermal protection and breathability where they're needed most. By splitting the coat and pant in two zones, firefighters get the best of protection, mobility and comfort.

U.S. patent 10,576,312 / CAN 2,947,697

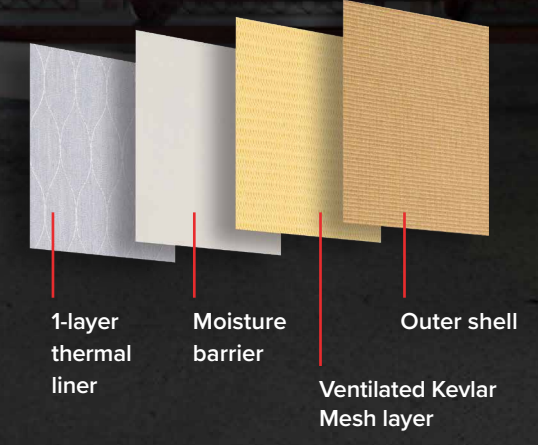
Watch video 

### ZONE 1

**4-LAYER DESIGN:**  
MAXIMUM PROTECTION.  
60% OF OVERALL SUIT.

Zone 1 is most exposed to high heat, so we optimized thermal protection in this area. We fully covered it in ventilated Kevlar Mesh with a perforated pattern. This increases thermal protection exponentially while also creating an air barrier for added insulation. We also chose a thinner thermal liner, bringing the moisture barrier closer to the body. This gives firefighters ultimate thermal protection with minimal loss of breathability.

**UP TO 50% INCREASE IN THERMAL PROTECTION**



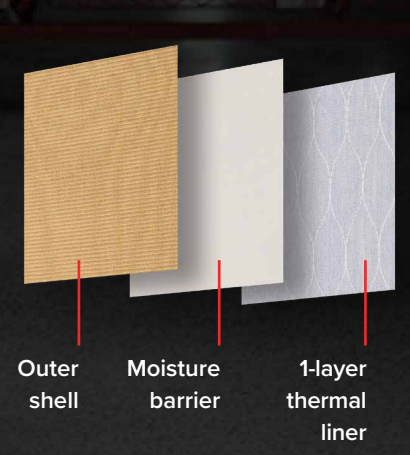
NFPA 1971-2018 certified.

### ZONE 2

**3-LAYER DESIGN:**  
MAXIMUM BREATHABILITY.  
40% OF OVERALL SUIT.

Zone 2 is less exposed to high heat, so we optimized breathability in this area. We chose a lighter layer composition with a thinner thermal liner that sits closer to the body. This greatly improves moisture barrier performance, resulting in superior moisture management and breathability.

**UP TO 25% INCREASE IN BREATHABILITY**



# DUAL METABOLIC ZONE

## ENGINEERING

**INSIDE THE OUTER SHELL COAT**



**ZONE 1**  
UP TO 50% INCREASE IN THERMAL PROTECTION

**ZONE 2**  
UP TO 25% INCREASE IN BREATHABILITY

Front Back

**INSIDE THE OUTER SHELL PANTS**



**ZONE 1**  
60% OF OVERALL SUIT

**ZONE 2**  
40% OF OVERALL SUIT

Front Back

# ELITE COMFORT

INNOTEX  
**AIRFLOW™**

## NEW BUILT-IN AIRFLOW™ SYSTEM

We integrated our 3D ventilated padding AIRFLOW system into the outer shell and covered it with ventilated Kevlar Mesh. This creates a gap between the moisture barrier and the SBCA, allowing moisture to constantly evaporate from the inside of the liner. We also placed strategically the closed-cell foam padding system to better support the SCBA. These changes significantly improve breathability, comfort, and mobility for the firefighter.

U.S. patent 10,245,454 / CAN patent 2,947,698



# ELITE FIT

## ULTIMATE T-CLOSURE

We integrated a one-piece T-shaped throat closure into a storm flap with an easy-to-grab pull tab that lets you close the coat in a single step. The hook & loop system keeps the right side securely in place – no more wasting time adjusting it every time you open the coat with the left tab. This ergonomic design minimizes throat vulnerability and maximizes comfort when wearing a SCBA mask, all with effortless and flawless adjustment.

### INNOTEX ENERGY ELITE CERTIFIED COMPOSITES

PBI MAX 7.0	Crosstech Black	Glide Ice 1-Layer
PBI MAX 7.0	Stedair 4000	
Flex7	Stedair Clear	

More certified composites to come.



# ELITE DURABILITY

We put a lot of thought into ENERGY™ ELITE turnout gear to ensure it goes above & beyond for durability. We analyzed each and every detail, right down to the last seam.



**A Variable-height collar™**  
Low-rise front, high-rise back = improved head movement.  
(U.S. patent 8,151,371)

**B Retractable action back**  
Adds width across your back for increased mobility and comfort. Retracts when not in use.

**C Full-motion no-seam™ shoulder**  
Follows natural arm movements for unparalleled mobility and minimum coat rise. Seams are placed away from high-abrasion areas, eliminating friction damage.

**D Angled sleeve cuff**  
Increases protection for the top of the hand without compromising hand mobility.

**E Seams with reflective piping**  
Increases visibility at night and in dark, confined spaces.

**F Easy-to-grip pull tabs**  
Oversized and padded for easy handling.

**G Complete-motion crotch™**  
Allows greater freedom of movement and prevents twisting.

**H Low-rise pant with adjustable belt**  
Comes with a 2-inch Nomex® belt, with adjustment on both sides and a quick-release buckle. Replacing suspenders by a belt transfers the weight from the shoulders to the hips, reducing fatigue.

**I No-bulk™ pant closure**  
Streamlined 3-layer pant closure flap for additional flexibility, comfort and ease of movement when bending.

**J No-gap™ liner attachment**  
Continuous zip-in liner overlap design eliminates gaps between the outer shell and the thermal liner.

**K Enhanced-mobility knee™ (EMK™)**  
Enhances mobility without tugging and ensures that the knee protection stays securely in place.

**L Durahem™ leg and sleeve hems**  
Ultra-resistant aramid-coated piping is sewn to the cuff, designed to absorb most of the abrasion, leaving stitching intact.  
(U.S. patent 11,077,324)

**M ENDURANCE™ Knee Guard System** *Additional options (\$)*  
Integrated 3D-padding system for optimal knee protection and mobility.

## GRAY™ PARTICULATE-BLOCKING INTERFACES

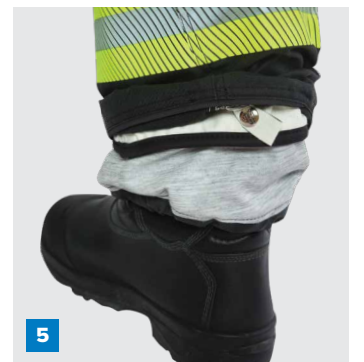
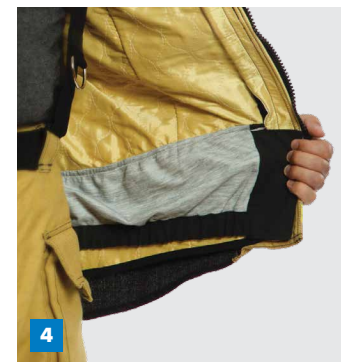
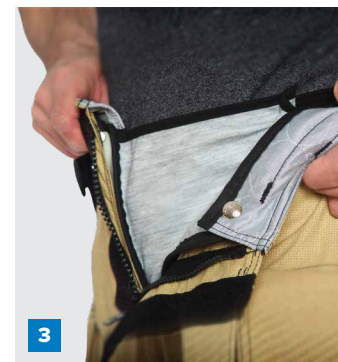
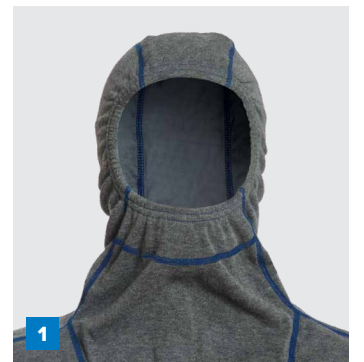
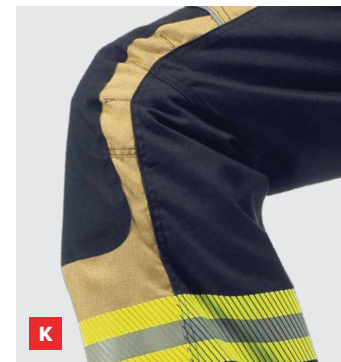
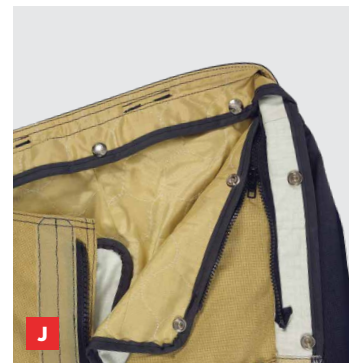
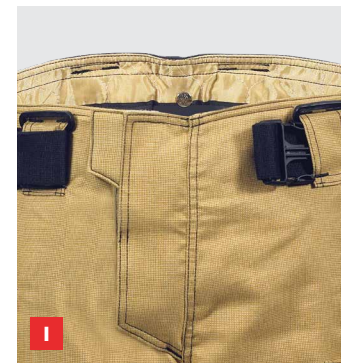
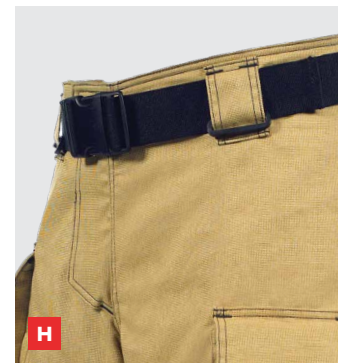
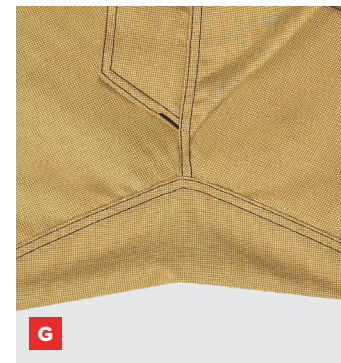
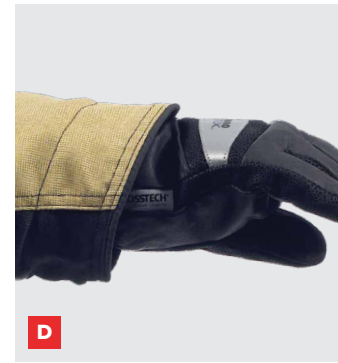
*Additional options (\$)*

The INNOTEX® GRAY™ particulate-blocking interfaces package helps impede the entry of toxic particulates at five critical points. Its built-in particulate barrier made with a Stedair® PREVENT or DuPont™ Nomex® Nano barrier, acts as a filter, blocking more than 99.8% of particulates while allowing clean air to flow through.

- 1 Head
- 2 Wrists
- 3 Pant closure
- 4 Waist
- 5 Ankle

CAN patent 2,993,706 / US patent pending

## FEATURES & OPTIONS





[INNOTEXPROTECTION.COM](http://INNOTEXPROTECTION.COM)



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