

INNOVATIVE DESIGN. RADICALLY COMFORTABLE.



INNO^{TE}X
ENERGY[™]

HIGH-PERFORMANCE TURNOUT GEAR

 **INNO**[®]
TEX

DEVELOPED BY FIREFIGHTERS FOR FIREFIGHTERS.

When we set out to create **INNOTEX® ENERGY™*** high-performance turnout gear, the first thing we did was to talk to firefighters. We asked them what they liked and didn't like about their gear - even top-of-the-line turnout gear. What came out of those interviews was to become the blueprint for a radical step forward in turnout gear design. You asked for increased freedom of movement. You asked for less bulk. You asked for improved thermal relief. You asked for more durable, better-wearing gear. We responded with over 70 improvements and outright innovations. As a result, **INNOTEX® ENERGY™** is considered the industry standard in high-performance turnout gear.

INNOVATION WITH A PURPOSE

Along with its reduced bulk, streamlined cut and wear-resistant technology, **INNOTEX® ENERGY™** high-performance turnout gear offers some of the industry's most innovative engineering, as well as a number of patented, proprietary features designed specifically to elevate firefighters' performance, comfort and safety.

INNOTEX® AIRFLOW™

The patented **INNOTEX® AIRFLOW™** 3D padding system is a fixed liner attached to the turnout coat. Constructed of lightweight closed-cell foam and Kevlar® mesh, the system prevents heat being trapped between the firefighter's back and the SCBA.



PATENT NO.: US 10,245,454

*PATENT NO.: US D627,950

DUAL METABOLIC ZONES™

The patented **INNOTEX® Dual Metabolic Zone** design enhances breathability without compromising overall thermal protection. Each **INNOTEX® ENERGY™** coat and pair of pants can be divided into distinct zones to offer optimal thermal protection where you need it most, and maximum breathability in less exposed areas, helping to reduce heat stress.



PATENT NO. : US 10,576,312

ENDURANCE™

Our innovative **ENDURANCE™** Knee Guard System features an ergonomically-designed padded knee sleeve tethered to the inside of your pants. Together, the padding and the adjustable tether work as a unit to provide complete, close-fitting, flexible, and stable knee protection.



PATENT PENDING

INNOTEX
ENERGY™

DESIGNED TO MOVE WITH YOU.

INNOTEX® ENERGY™ high-performance turnout gear bears its name with good reason: it's packed with a host of innovative anatomically-responsive features that give firefighters unparalleled freedom of movement and improved comfort without adding bulk or compromising thermal protection. Its dynamic design was developed to complement heat-of-the-action movement and successfully field-tested to never impinge, impede or constrict, so you can concentrate on fighting fires, not your gear.

ENERGY[®] CLOSURE SYSTEMS:

A ZIPPER PLUS HOOK & LOOP

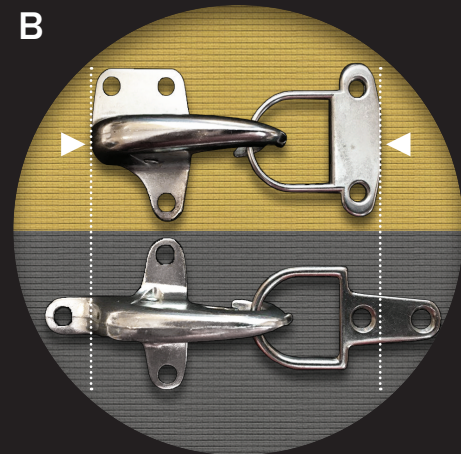
Eliminates gaps, faster donning & doffing.

B COMPACT CHICAGO CLOSURE*

A patent-pending INNOTEX[®] innovation: the redesigned, more compact hook & D reduces fabric overlap, creating more space for pockets, accessories and coat options.

C HOOK & D-RING OUTSIDE, ZIPPER INSIDE

* PATENT PENDING



PANT FITTING OPTIONS

ENERGY[™] turnout pants are available in a variety of configurations, designed to accommodate individual taste, body type and function:

1 ●● LOW-RISE WAIST + FITTED LEG

LOW-RISE WAIST. PANT LEG WITH FITTED CUT.

2 ●● LOW-RISE WAIST + MOBILITY LEG

LOW-RISE WAIST. ROOMIER 'MOBILITY' LEG.

3 ●● LOW-RISE WAIST + BIG-BOOT LEG

LOW-RISE WAIST. EXTRA-AMPLE LOWER LEG.

4 ●● HIGH-RISE WAIST + FITTED LEG

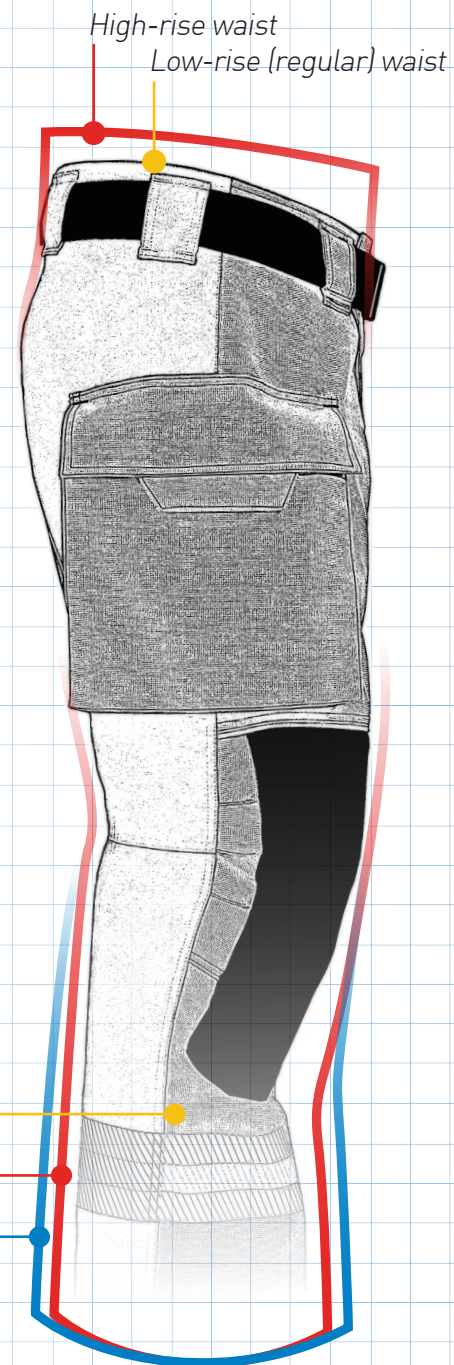
HIGH-RISE WAIST. PANT WITH FITTED CUT.

5 ●● HIGH-RISE WAIST + MOBILITY LEG

HIGH-RISE WAIST. ROOMIER 'MOBILITY' LEG.

6 ●● HIGH-RISE WAIST + BIG-BOOT LEG

HIGH-RISE WAIST, EXTRA-AMPLE LOWER LEG.



Fitted leg

Roomier 'Mobility' leg

Big-Boot leg

♀ Low-rise configurations [1,2,3] available in women's sizes.



PACKED WITH HIGH-PERFORMANCE FEATURES & OPTIONS.

Additional options available upon request (\$).

1 VARIABLE-HEIGHT COLLAR™

LOW-RISE FRONT, HIGH-RISE BACK = IMPROVED HEAD MOVEMENT (PATENT NO. US 8,151,371)

2 NO-GAP™ THROAT CLOSURE

INTEGRATED ONE-PIECE L-SHAPED THROAT FLAP HELPS MINIMIZE THROAT AREA VULNERABILITY. EASY-GRAB PULL TAB SECURES COAT CLOSURE IN A SINGLE STEP.

3 TRADITIONAL THROAT CLOSURE

TRADITIONAL TWO-PIECE THROAT PROTECTION FLAP. AVAILABLE IN REGULAR OR REVERSE (RIGHT- OR LEFT-HAND) CLOSURE.

4 RETRACTABLE ACTION BACK

ADDS WIDTH ACROSS YOUR BACK FOR INCREASED MOBILITY AND COMFORT. RETRACTS WHEN NOT IN USE.

5 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.

6 ANGLED SLEEVE CUFF

INCREASES PROTECTION FOR THE TOP OF THE HAND WITHOUT COMPROMISING HAND MOBILITY.

7 SEAMS WITH REFLECTIVE PIPING

INCREASE VISIBILITY AT NIGHT AND IN DARK, CONFINED SPACES.

8 EASY-TO-GRIP PULL TABS

OVERSIZED AND PADDED FOR EASY HANDLING.

9 COMPLETE-MOTION CROTCH™

ALLOWS GREATER FREEDOM OF MOVEMENT AND PREVENTS TWISTING.

10 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.

11 NO-BULK™ PANT CLOSURE

STREAMLINED 3-LAYER PANT CLOSURE FLAP FOR ADDITIONAL FLEXIBILITY, COMFORT AND EASE OF MOVEMENT WHEN BENDING.

12 NO-GAP™ LINER ATTACHMENT

CONTINUOUS ZIP-IN LINER OVERLAP DESIGN ELIMINATES GAPS BETWEEN THE OUTER SHELL AND THE THERMAL LINER.

13 ENHANCED-MOBILITY KNEE™ (EMK™)

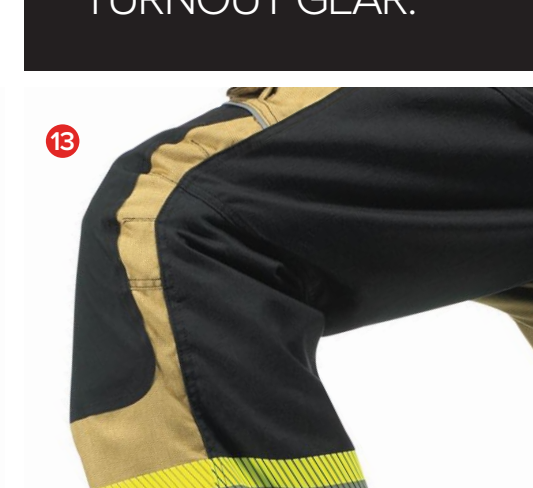
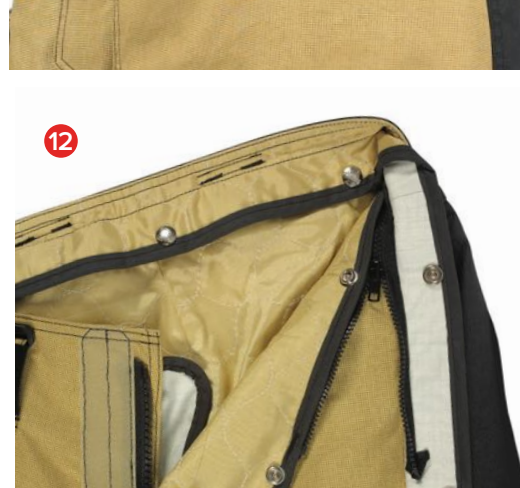
ENHANCES MOBILITY WITHOUT TUGGING AND ENSURES THAT THE KNEE PROTECTION STAYS SECURELY IN PLACE.

14 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. (PATENT PENDING)



BETTER MOVEMENT, BETTER THERMAL REGULATION, BETTER DURABILITY AND FIELD-PROVEN PROTECTION - ALL IN PERFECT BALANCE. INNOTEX® ENERGY™ IS THE NEW STANDARD FOR HIGH-PERFORMANCE TURNOUT GEAR.





innotexprotection.com

DU PONT
Kevlar | **Nomex**

pbi

GORE
CROSSTECH

 **Safety
Components
International**

 **TENCATE**

StedAIB
PREVENT

3M | **Scotchlite**
Reflective Material

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