



INNOVATIVE DESIGN. RADICALLY COMFORTABLE.

INNOTEX
ENERGY[™]

High-performance turnout gear

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



INNOTEX ENERGY™

Our industry-renowned ENERGY™ turnout gear has evolved. More advanced design with better ergonomics. Better durability. Better performance. Same unbeatable quality. INNOTEX® ENERGY™ patented technologies and unique features ensure that every square inch is designed with firefighters in mind.

NFPA 1971-2018 Certified

Watch video



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 and increases comfort.

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



DUAL METABOLIC ZONE™

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.

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



INNOTEX ENDURANCE™

Our innovative INNOTEX® 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.

U.S. patent 11,219,784 / CAN patent pending

HEAD-TO-TOE PROTECTION

The INNOTEX® GRAY™ particulate-blocking interface 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.

CAN patent 2,993,706 / U.S. patent pending

INNOTEX GRAY™

StedAIR®
PREVENT

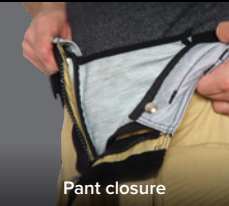
DuPont™
Nomex. Nano
(not made with PFAS)



Head & neck



Wrists



Pant closure



Waist



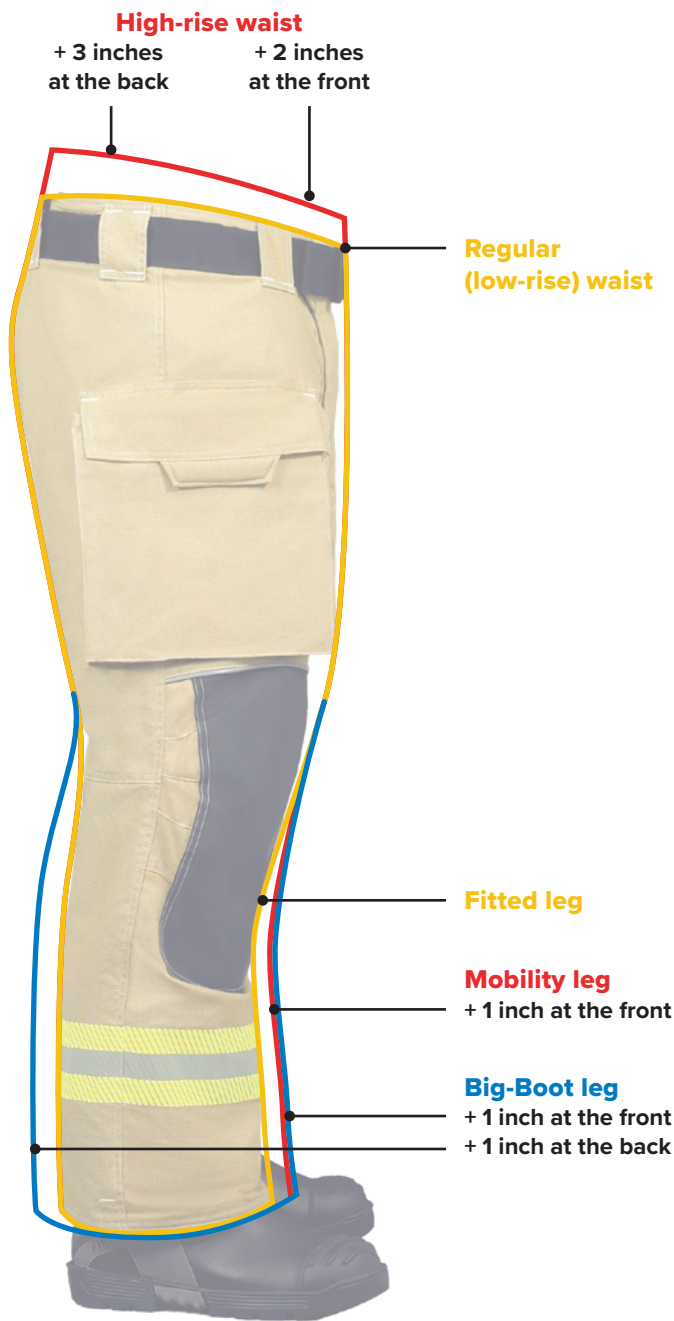
Ankles

PANT FIT OPTIONS

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

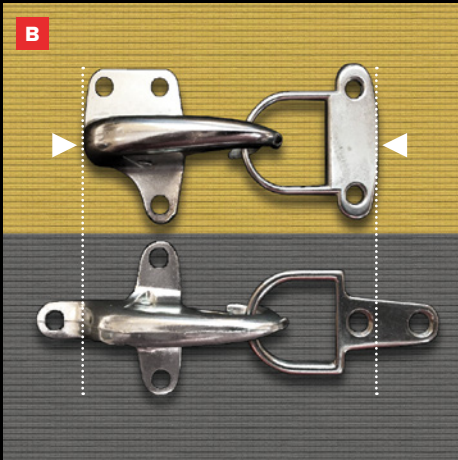
- 1 ●● REGULAR WAIST + FITTED LEG**
Regular waist. Pant leg with fitted cut.
- 2 ●● REGULAR WAIST + MOBILITY LEG**
Regular waist. Roomier “mobility” leg.
- 3 ●● REGULAR WAIST + BIG-BOOT LEG**
Regular waist. Extra-ample lower leg.
- 4 ●● HIGH-RISE WAIST + FITTED LEG**
High-rise waist. Pant leg with fitted 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.

♀ Regular waist configurations (1,2,3) available in women’s sizes.



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 patented* INNOTEX® innovation: the redesigned, more compact hook & D-ring design reduces fabric overlap, creating more space for pockets, accessories and coat options.

C HOOK & D-RING OUTSIDE, ZIPPER INSIDE

*U.S. patent 11,198,025 / CAN patent pending

PACKED WITH HIGH-PERFORMANCE FEATURES & OPTIONS.

BETTER movement, BETTER thermal regulation, BETTER durability and FIELD-PROVEN protection – all in perfect balance.

A Variable-height collarTM

Low-rise front, high-rise back = improved head movement. (U.S. patent 8,151,371)

B No-gapTM 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.

C Traditional throat closure

Traditional two-piece throat protection flap. Available in regular or reverse (right- or left-hand) closure.

D Retractable action back

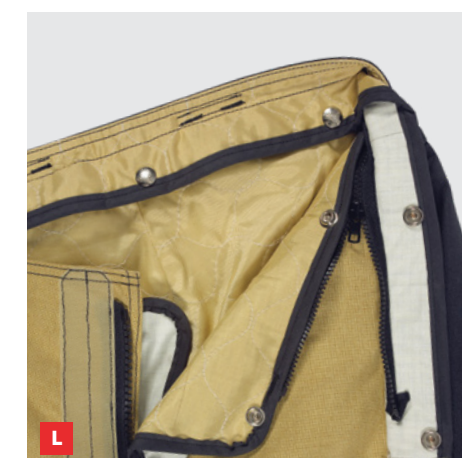
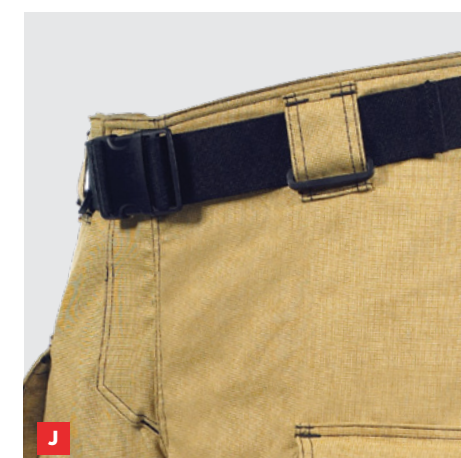
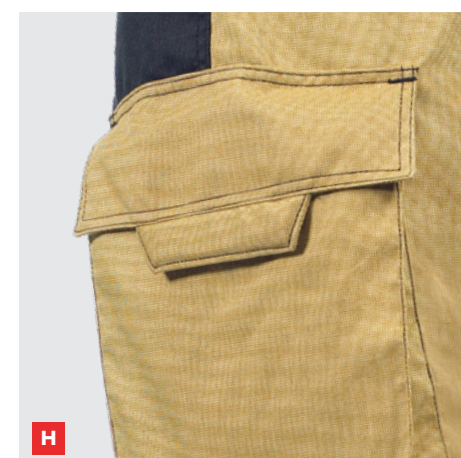
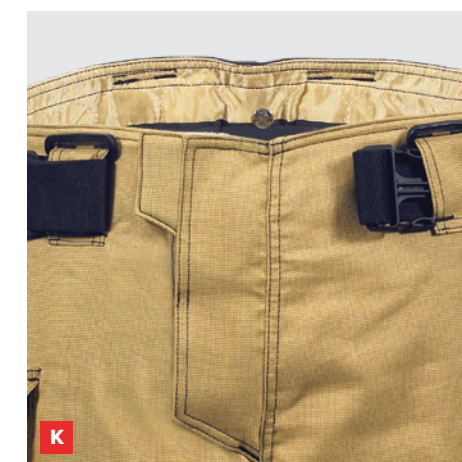
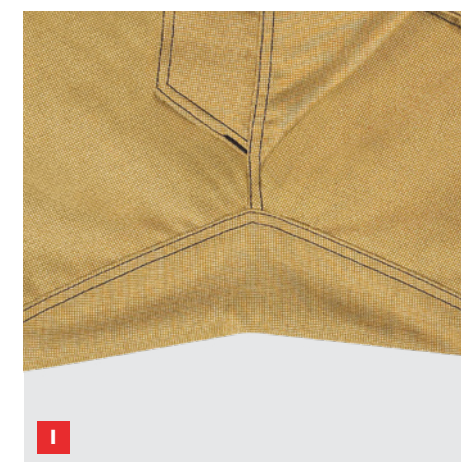
Adds width across your back for increased mobility and comfort. Retracts when not in use.

E Full-motion no-seamTM shoulder

Follows natural arm movements for unparalleled mobility and minimum coat rise. Seams are placed away from high-abrasion areas, eliminating friction damage.

F Angled sleeve cuff

Increases protection for the top of the hand without compromising hand mobility.



G Seams with reflective piping

Increase visibility at night and in dark, confined spaces.

H Easy-to-grip pull tabs

Oversized and padded for easy handling.

I Complete-motion crotchTM

Allows greater freedom of movement and prevents twisting.

J 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.

K No-bulkTM pant closure

Streamlined 3-layer pant closure flap for additional flexibility, comfort and ease of movement when bending.

L No-gapTM liner attachment

Continuous zip-in liner overlap design eliminates gaps between the outer shell and the thermal liner.

M Enhanced-mobility kneeTM (EMKTM)

Enhances mobility without tugging and ensures that the knee protection stays securely in place.

N DuraheemTM 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)

Additional options available on request (\$).



**DEVELOPED BY FIREFIGHTERS,
FOR FIREFIGHTERS.**



INNOTEXPROTECTION.COM

• DOW PONT •
Kevlar | **Nomex**

pbi
PERFORMANCE
PRODUCTS

 **Safety
Components
International**

 **TENCATE**
materials that make a difference

StedAIR
MOISTURE BARRIERS



3M | **Scotchlite**
Reflective Material

INNOTEX® USA
2397 Harts Ferry Road
Ohatchee, AL 36271
USA

INNOTEX® CANADA
275 Gouin Street
Richmond, QC J0B 2H0
Canada

CUSTOMER SERVICE
1-888-821-3121 (U.S. & Canada)
Tel: 819-826-5971
Fax: 819-826-5195

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