

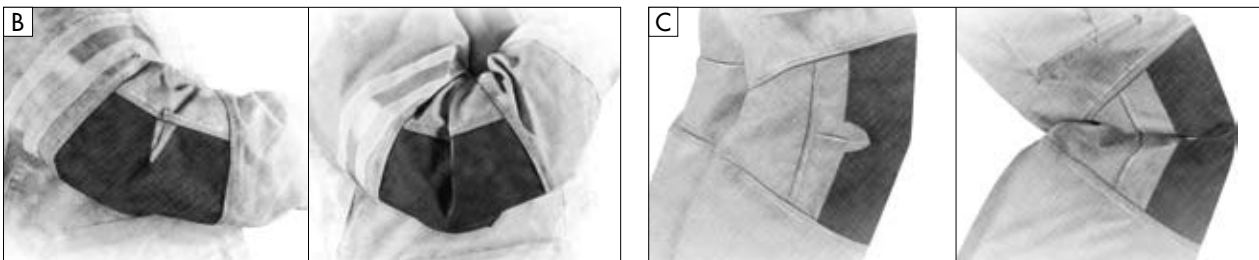
V-Force® Design Advanced Comfort and Mobility Features

V-Force® Advanced Features*

- A. **Contoured collar and shaped throat tab (optional)** — 3" contoured collar provides optimum thermal protection and comfort. The shaped throat tab (optional) is designed to comfortably interface with your SCBA mask.
- B. **Cutout elbows** — Elbows include cutouts, shaped pieces and darts to allow natural arm movement without restrictions or tugging.
- C. **V-Force® legs and knees** — Contoured legs and knees employ cutouts, shaped pieces and darts to enable free and easy movement. This eliminates excess fabric to keep the working weight low.
- D. **Contoured side panels** — Contoured shaping delivers better fit and mobility, while reducing hem rise. Side panels have a more tailored fit to move with your body during firefighting activities.
- E. **Raglan sleeves** — Raglan sleeves are shaped like your arm to promote free, unrestricted movement and reduce hem rise.
- F. **Superior cut** — Superior cut evenly distributes weight of the garment. Seams are placed to reduce conflicts with SCBA straps that can cause irritation and discomfort.
- G. **Bi-swing back** — Features inverted pleats in the outer shell and liner that expand as your arms move forward for enhanced comfort and mobility.



Contoured Collar and Shaped Throat Tab (optional)



V-Force® Elbows

V-Force® Legs and Knees



Contoured Side Panels



Raglan Sleeves



Superior Cut

* Other options available.

V-Force® Design Standard Comfort and Safety Features and Pocket Options

V-Force® Standard Features*



A Streamlined Storm Flap



B Viz-a-V™ Trim Pattern



C Extended Cuff

- A. Streamlined storm flap** — Reduces thermal buildup and working weight.
- B. Viz-a-V™ trim pattern** — Made with 3M™ Scotchlite™ Reflective Material for high visibility.
- C. Extended cuff** — Extra length over back of hand for additional thermal protection when extending your arms.
- D. Wrist Shield System™** — Wrist Shield System™ securely seals the wristlet of your turnout coat to your wrist. When you reach, the wristlet and CROSSTECH® moisture barrier travels with your wrist to minimize exposure to water, steam and flame. Semper Dri™ material is employed in the waterwells of the coat sleeves.
- E. isodri® Protective Systems** — An engineered system that manages moisture by a combination of materials that block outside sourced water, wick perspiration off the body, and resist storing water inside the thermal barrier. Keeps working weight low and helps guard against steam-related injuries.
- F. Extra thermal protection at yoke** — Yoke of coat employs Semper Dri™ System to reduce water absorption and enhance thermal protection.
- G. Knees with water-resistant FR Lite-N-Dri™ closed-cell cushioning in liner** — Provides additional thermal protection in a high compression area.
- H. Semper Dri™ System** — Reduces water absorption in pants legs, coat cuffs and yoke to keep your working weight lighter.
- I. Reinforcements** — Self-fabric or polymer-coated aramid reinforcements on cuffs, elbows, knees and kick shields.
- J. Liner Inspection System** — Velcro® sealed opening allows you to easily examine film side of moisture barrier and inside of thermal liner. Makes Complete Liner Inspections easier and faster.

V-Force® Pocket Options*



A Pleated Semi-Bellows Pocket



B Semi-Bellows Pocket

- A. Pleated semi-bellows pockets** — Angled flaps and pull tabs make it easy to open and access tools.
- B. Combination semi-bellows and handwarmer pockets** — Angled flaps and pull tabs make it easy to open. Handwarmer opening for convenience and comfort.

* Other options available.



3M Scotchlite™
Reflective Material

DuPont™
Nomex®

DuPont™
Kevlar®

Janesville®

Janesville® V-Force® Coats



The best technology from combat and sports clothing applied to turnouts

V-Force® Coats

Just as NASA technology advancements were transitioned into ground breaking protective clothing improvements in the 1970s, Janesville's V-Force® turnout gear has embraced innovations from today's military and sports clothing. The result is an intricate set of turnout gear that is designed to flex and bend like the human body. No other turnout can compare.

Maximum Comfort — the Difference Is in the Details

The V-Force® Coat is more comfortable than common firefighting coats because of its unique design. The seams are not at the shoulders and sides, but at the back. This significantly reduces hem rise when you're extending your arms. It also prevents SCBA straps from pushing seams into your body and causing discomfort. Fitted side panels provide a more tailored fit and better mobility.

The contoured collar provides outstanding thermal protection. There is also a split collar option for additional comfort.

Natural Arm Movement

The contoured raglan sleeves have a natural shaping. This combines with the V-Fit™ Elbow to promote free and easy movement. The elbow is made up of cutouts, shaped pieces and darts. This reduces bunching and the overall working weight of the coat.

The elbow reinforcements are notched to give you superior thermal and moisture protection without impeding movement. The coats cuffs extend over the back of your hand for additional thermal protection when reaching or pulling.

Reduced Working Weight

No detail has been overlooked. The collar and throat tab (optional) are angled for comfort and to interface perfectly with your SCBA mask. The streamlined storm flap reduces thermal buildup and the coat's working weight.

V-Force® Coat Styles



V-Force® Bi-Swing Coat

delivers the ultimate in comfort and free and easy movement by combining the breakthrough mobility features of the standard V-Force® Coat with a bi-swing back.

The bi-swing back has an inverted pleat in both the outer shell and thermal barrier. It expands as your arms move forward. There's no tugging or binding at the shoulder. When your arms return to a natural position, the pleat closes so there's no bunching of material.



V-Force® Coat

has an innovative cut that delivers comfort and mobility. Fitted side panels for a tailored feel and enhanced mobility.

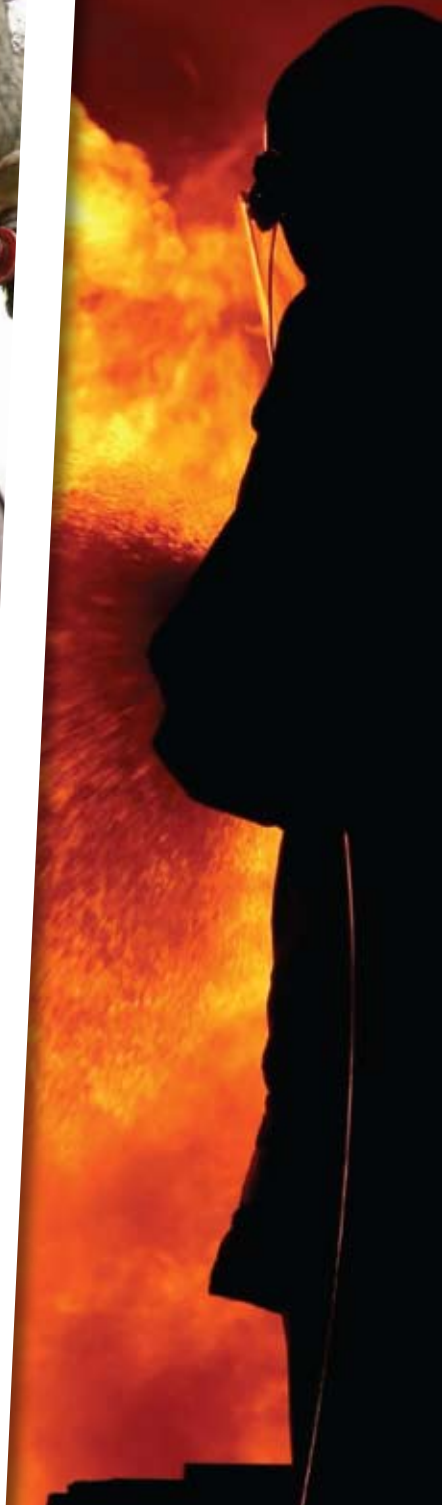
Contoured raglan sleeves are shaped like the human arm so they bend like your arm with no pulling or binding. V-Notch® elbow reinforcements keep heat and moisture out, but won't bunch in the fold of your elbow.

Contoured collar and shaped throat tab (optional) comfortably interface with your SCBA mask.

3M Scotchlite™
Reflective Material

DuPont™
Nomex®

DuPont™
Kevlar®



3M Scotchlite™
Reflective Material

DuPont™
Nomex®

DuPont™
Kevlar®

Janesville®

Janesville® V-Force® Pants

Now with three great choices



Advanced Design Delivers Superior Comfort and Mobility

All V-Force® Pants share the superior V-Fit™ Design that reduces bunching of materials in the crotch and delivers the best overall fit of any turnout pants available.

The legs are contoured to match the body and also reduce working weight. The knees are an intricate design of cutouts, shaped pieces and darts to enable free and easy movement. You'll especially notice this when crawling and bending. Nine inches of Semper Dri™ in the lower legs repels water to keep your pants dry and the working weight low.

V-Force® Pants Styles



V-Force® High-Back Pants provide the ultimate in thermal protection. A five-inch back panel extends above the waist. A unique Velcro® support pad attaches Lion's V-Back™ Suspenders to the pants. Snap tabs fasten the suspenders to the front (V-Back™ High-Back Suspenders are required).



V-Force® Belted Pants have a traditional waist with belt loops; a two-inch Kevlar® belt with thermoplastic, quick release buckle and suspender buttons to give you the option of using the belt alone or adding suspenders.



V-Force® Lumbar Pants have a traditional waist and feature the Lion Lumbar Support System. This system is integrated into the V-Force® and is orthopedically designed to provide adjustable mechanical support when you're lifting, bending forward, standing or performing emergency rescues.



Freedom® Design Comfort and Mobility Features

Natural movement — no tugging or pulling

Freedom® Design Features

Janesville's Freedom® Design reduces fire fighter stress through a series of innovative, ergonomic features that help deliver exceptional mobility and comfort.



Bellows underarm construction — Underarm bellows keep your protective envelope intact by reducing hem rise and sleeve travel. Football-shaped bellows are located in the armpits of the coat between the shoulder seam and torso on all three layers (outer shell, moisture barrier and thermal barrier). When you reach forward or overhead, the bellows expand. The expansion keeps other parts of the coat, such as the sleeve and body, from traveling and creating exposure.



Freedom® Elbow — The Freedom® Elbow enables you to bend your arm freely and comfortably while keeping your wrists protected. It works in a similar fashion to the bellows underarm construction. A football-shaped insert is set at the back of the elbow. When your arm flexes, the insert expands to eliminate tugging at the sleeve or shoulder.



Radial inseam and banded crotch — The elimination of crotch seams reduces tension in the crotch area to give added comfort to your turnout gear. On Janesville® pants, a banded insert runs continuously from the top of the knee of one leg, through the crotch and to the top of the opposite knee. In addition to extending the useful life of your pants, it also provides a more comfortable fit. Increased leg circumference increases mobility.



Freedom® Knee — The Freedom® Knee enables a natural flexing motion. It provides a gusset that the knee can fall into when crawling, climbing, bending, kneeling, etc. For added thermal protection, an additional layer of Lite-N-Dri™ cushioning is sewn into the liner at the knee. The padding provided by Lite-N-Dri™ also adds comfort when kneeling or crawling.

Janesville®

Freedom® Design Standard Features



A Overlapping Collar



B FR Velcro® Storm Flap Closure with Zipper Coat Closure



FR Velcro® Storm Fly Closure with Snap and Zipper



C Over-The-Hand Wristlets



D Leather Reinforcements



Kick Shields

A. Comfortable overlapping quilted collar — Keeps water out and provides secure thermal seal.

- B. FR Velcro® with zipper closure** —
- Zipper coat closure and Velcro® storm flap closure.
 - Zipper pants closure with Velcro® and snap storm fly closure for secure thermal and moisture seal.

C. 8" over-the-hand wristlets — Made of Nomex®/Kevlar® on isodri® versions, others are made of Kevlar®/Spandex®.

D. Leather reinforcements — Reinforcements are on knees, cuffs, kick shields, shoulders and elbows for thermal protection and added wear life.

E. Ever-Dry™ Reach System — Reduces vulnerability to water, steam and flame. When you reach, full protection stays on your wrist.

F. Extra thermal protection at yoke — Yoke of coat employs Semper Dri™ System to reduce water absorption and enhance thermal protection.

G. Closures with breathable moisture barrier material — Storm flap, waterwells and fly facing are all lined with breathable moisture barrier material for dryness and protection.

H. Zip-in coat liner — Coat liner zips into outer shell for reliable attachment, reduced bulk and superior comfort.

I. Semper Dri™ System — Reduces water absorption in pants legs, coat cuffs and yoke to keep your working weight lighter.

J. Reinforced knees — Knees with water-resistant FR Lite-N-Dri™ closed-cell cushioning between the moisture barrier and thermal liner to enhance thermal protection.

K. Adjustable fit — Pants have waistband and external take-up straps for a comfortable fit.

L. Liner Inspection System — Velcro® sealed opening allows you to easily examine film side of moisture barrier and inside of thermal liner. Makes Complete Liner Inspections easier and faster.