



Fire  Dex®

FIRE-DEX FXR CUSTOM TURNOUTS



BEHIND THE DESIGN

- Address #1 occupational hazard- heat stress
- Solution to minimize firefighter stress and fatigue
- Engineered together with the world's best rock climbing and extreme sports clothing designers

So, what is Active Posture Design (APD)?

- APD is a collection of elements that reduces excess bulk & maximizes range of motion

FXR Express is a standardized option and has a lead time of just 5-10 business days!

COMPOSITE

Outer Shell: TECGEN71 (Gold)

Thermal Liner: Milliken® CoreCXP™ 1-layer

Moisture Barrier: Stedair® 4000

PROTECTION

TPP: 37.5

THL: 348





JACKET FEATURES

- Thermoplastic Zipper
- Survivor® Flashlight Holder
- Double-Notch Radio Pocket
- Mic Clip
- 3" NYC style 3M™ ScotchLite™ Comfort Trim
- American Flag patch
- Semi-Bellow Handwarmer Pocket with Full Kevlar® and Fleece Lining
- Nomex® Knit Wrist with Thumb Hole

AVAILABLE JACKET SIZES

Chest: 36" to 60" in 2" increments



PANT FEATURES

- Thermoplastic Zipper
- Mid-Rise Waist and Kevlar Belt
- H-Back Padded Suspenders with Cam Lock
- Full-Bellow Pant Pockets with Rolled Flap
- Seam-to-Seam (STS) 1-Layer Knee Reinforcement
- 3" 3M™ ScotchLite™ Comfort Trim
- DexCuff Reverse Tapered Cuff

AVAILABLE PANT SIZES

- **Waist:** 34" to 58" in 2" increments
- **Inseam:** 30" or 32" available on most waist sizes

UNIQUE DESIGN ELEMENTS



SEAMLESS COLLAR



OMNIDEX SHOULDER



DEXFLEX KNEES AND ELBOWS



ATHLETIC PANT DESIGN



NFPA-compliant without throat tab

- Liquid Integrity Test

* Throat tab garments fail this test without throat tab secured, increasing FFs risk of injury if not worn properly

Uninterrupted protection

- Thermal liner throughout the entire collar
- *Not required by NFPA but critical burn area)
- Integrates properly with SCBA face piece



Eliminates coat rise & sleeve retraction

- Encourages better fit
- Reduces need for lengthy jacket

Arms forward design

- Provides natural bend: less fighting gear

Allows for optimal SCBA positioning

- Better range of motion
- Minimizes fatigue
- Thermal enhancements offer protection and extra padding

DEXFLEX KNEES AND ELBOWS



Ready position/ Ergonomic design

- More natural/relaxed pattern
- Arms forward design
- Naturally-bent knees & elbows

Benefits:

- Comfort & mobility
- Fewer seams = fewer outer shell & moisture barrier seam failures
- Uninhibited range of motion
- Reduces resistance



Competitive Design



Fire-Dex Solution



Seamless crotch gusset

- Unrestricted leg movements
- Less bulk
- Decreased seam failures

Seam to Seam (STS) Knees

- #1 selling knee pad
- Resistant to compressive conductive heat
- Total surface area coverage

Reverse tapered cuff

- Limits wear & abrasion
- No drag e.g. stair climbing
- Snaps front/back as opposed to side/side





SLIM FIT

Our slim fit jacket features an athletic design with a narrower waist, accommodating those with broad shoulders without adding excess bulk.



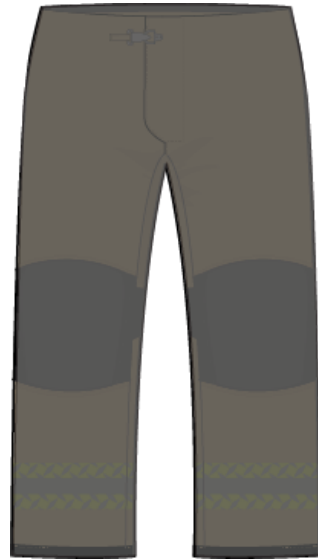
REGULAR FIT

Made for average body types, the regular jacket design features a straight and relaxing fit that maximizes comfort.



FLARE FIT

Made for body types with wider hips, our flare fit jacket offers more room around the mid-section, providing additional comfort and breathability.



REGULAR FIT

Made for average body types, our regular pant design features a straight and classic fit, accommodating hips up to 10" larger than waist size.



RELAXED FIT

For body types with wider hips, our relaxed pants allow for more room around the mid-section, providing additional comfort and breathability, for ease of donning and doffing over the hips.



SEWN-IN WATER WELLS

- Deep well interfaces well with gloves
- Prevents water and debris from entering sleeve



HOOK & LOOP CLOSURES

- Cut to appropriate length
- Premanufactured edge establishes stitch integrity



DRD- DRAG RESCUE DEVICE

- Same design as used in the military
- Reflective trim for better visibility
- Easily accessed
- Completely removeable & simple to reinstall (e.g. after washing)

I2H INTEGRATED HARNESS PANT



- **Lightweight & dual-equipped for personal escape and ladder/rescue**
- **Customized R or L side-opening with angled fly**
- **1st ladder hook-style carabiner to meet both ANSI Z350.12-2009 & NFPA 1983**
- **Full pocket storage with secured hook**
- **Floating D-ring to connect with any descent device**
- **Cradles up to 150ft of webbing and offers up to 100ft of rope storage**
- **No hardware inside pant to reduce potential for material abrasion**

APACHE CLASS 2 HARNESS PANT



- Lightest harness on the market at only 2lbs
- Optimized internal leg loops
- 1800lbs Out of Service Indicator
- Customized R or L side-opening with angled fly
- External waist belt for easy adjustments
- Swiss safety seat feature
- No hardware inside pant to reduce potential for material abrasion