

XFLEX - THE ULTIMATE IN FIT, COMFORT & PROTECTION

XFlex is Bristol's premium lightweight firefighting PPE offering. Ergonomically designed, Xflex focuses on delivering maximum comfort for a large range of male and female body types. XFlex has distinctive sports styling and offers a garment combination that is suitable for the various hazardous roles associated with a firefighter's work. The proposed fabric composite provides optimum protective performance whilst being lightweight and breathable to support metabolic heat release.

HAINSWORTH TITAN 1260 GOLD

The Titan 1260, 220gsm ripstop construction complements the 1220 and 1250 systems by adding flexibility after flashover. The fabric remains supple with only some of the structure carbonating, making it capable of remaining intact and not breaking open after exposure to flame and cooling down. Titan 1260 is more durable than other PBI® woven systems after wash due to the DuPont® Nomex® and DuPont® Kevlar® components protecting and masking the PBI®. Titan 1260 maintains a degree of rippling under heat exposure due to the nature of consolidation, thus trapping air in a process called "Active Air Entrapment" creating a barrier between the heat source and the firefighter.

MOISTURE BARRIER

The Gore® CROSSTECH® moisture barrier selected by ACT Fire & Rescue is a micro-porus, breathable fabric that prevents water passing through to the firefighters personal clothing while allowing perspiration and heat to escape reducing the build up of metabolic heat. CROSSTECH® is considered one of the most durable barriers on the market delivering rugged, long-lasting protection against abrasion and wear without compromising liquid and blood borne protection.

THERMAL BARRIER

Bristol's XFlex is lined with a plain weave 120 gram / 100 percent Nomex® filament thermal liner providing lightweight inherent thermal protection against the transfer of heat.



STRUCTURAL
FIREFIGHTING



AS/NZS 4697:2009



ERGONOMIC
DESIGN



GORE®
CROSSTECH®



HAINSWORTH
TITAN PBI®

JACKET FEATURES

- Tapered body shape
- Hem curved up at front and down at back – comfort and protection
- Shoulder shape and under arm gussets allow for full rotational arm movement
- Shoulder yoke shaped for comfort, especially with breathing apparatus
- Double zip flap extends to neck with internal zip guard to protect throat
- Soft knitted inner lining on collar
- Deep return on cuff hem ensures gloves fit well inside sleeve
- Large landscape side pockets with drain holes
- Vertical pocket under zip flap and pen pocket
- Large internal pocket with care and instruction label
- Ergonomic 3D articulated elbow
- Hem of sleeve curved over back of hand for additional protection
- American spec 3M perforated triple trim - with Trimsaver
- Inspection port with zip closure
- Torch holder
- Radio pocket
- Pen pocket

TROUSER FEATURES

- Natural waistline at front with high curved back
- Centrally placed double zip
- H Braces with unique webbing slide adjuster
- Large twin pleated cargo pockets with drain holes
- Large internal pocket with care and instruction label
- Inside hem lined with neoprene to minimise abrasion from boots
- Fully articulated 3D ergonomic knee shaping
- Flexible reinforcement fabric used
- American spec 3M perforated triple trim - with Trimsaver
- Inspection port with zip closure

SIZES

- Chest/Waist: Small - 4XL
- Height fittings: Short, Regular, Tall and Extra Tall
- 28 Male and 28 Female sizes
- Made To Order available

