

When It Counts, We've Got You Covered



Specialist Garments for Specialist Applications

TWO-PIECE WILDLAND FIREFIGHTING ENSEMBLE

PRODUCT CLASS: PROTEX FIREFIGHTER (Wildland) • PRODUCT CODE: J545 (Coat) AND T540 (Trousers)

THESE GARMENTS HAVE BEEN INDEPENDENTLY FULLY CERTIFIED TO THE AS/NZS 4824:2006 STANDARD FOR PROTECTIVE CLOTHING WORN DURING WILDLAND FIRE FIGHTING ACTIVITIES.

Large protective lift up collar, FR hook & loop tape fastened

Fully opening front metal stud fastened (fabric backed)

Bellowing cargo pockets with FR hook & loop tape fastened flaps

Coat hem tightening drawcord

Five oversized belt loops and a fly front opening

Double thickness knee sections for durability

Mic loops

Under arm vents to increase air circulation & reduce metabolic heat

3M FIRETRIM® 50mm perforated yellow/silver FR reflective tape (fabric backed)

Cuff tightening straps FR hook & loop tape fastened

Side pockets

2 x bellowing cargo pockets on each rear hip with FR hook & loop tape fastened flaps

2 x bellowing tool pockets on each rear leg with FR hook & loop tape fastened flaps

Protex® is a registered trademark of Stewart & Heaton Clothing Company P/L.
Proban® is a registered trademark of Rhodia Consumer Specialties Ltd.
Firetrim® is a registered trademark of 3M.
Nomex® is a registered trademark of Du Pont.

“Quality and Innovative Fire and Rescue Equipment”



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Although suitable for use in such applications as road accident rescue and light hazmat clearance, the J545 (Coat) & T540 (Trousers) are purpose designed for wildland firefighting.

S&H Protex is a division of **Stewart & Heaton Clothing Co. P/L**, a company that has been actively involved with Australian State and Federal authorities in the research and development of wildland firefighting apparel. This research has identified that the single greatest physical risk to an active wildland firefighter on the fire ground is physiological heat stress. That is, the firefighter's core body temperature rises, leading to possible minor muscle cramps through to deteriorating mental function and ultimately to life threatening heat stroke. The premise for the design of the ensemble is to assist in the minimisation and removal of heat from the firefighter rather than keeping the heat out from the fire itself.

The primary design feature is the exaggerated full cut resulting in a loose fitting garment. This loose fit allows increased air circulation and the allowance for the human bodies natural cooling mechanism to take place, being sweat evaporation. This loose fit likewise increases the radiant heat protection for the wearer. By incorporating Proban® treated 100% cotton, a fabric that is both absorbent and "breathable", this cooling of the body is enhanced.

GARMENT SELF MEASUREMENT GUIDE

Note: All measurements given (except inleg) are for the wearer, not the finished garment. All measurements are in cm.

Jackets

Size	82	87	92	97	102	107	112	117	122	127	132
Chest	92	97	102	107	112	117	122	127	132	137	142

Trousers

Size	77R	82R	87R	92R	97R	102R	107R	112R	87S	92S	97S	102S	107S	112S	117S	122S	127S	132S	74L	79L	84L	89L	94L
Waist	77	82	87	92	97	102	107	112	87	92	97	102	107	112	117	122	127	132	74	79	84	89	94
Inleg*	71	74	76	78	80	82	84	86	67	70	72	75	77	78	78	78	78	79	76	78	80	82	85

GARMENT SPECIFICATIONS

CERTIFICATION:	Certified to AS/NZ 4824: 2006	REFLECTIVE TAPE:	3M Firetrim ® #9587 50mm Yellow/Silver Flame Retardant
COLOUR:	Gold	HOOK & LOOP TAPE:	Flame retardant
AVAILABLE SIZES:	Jacket 77 to 132 Trousers 77R to 112R, 87S to 132S, 74L to 94L	THREAD:	Nomex ®
FABRIC:	100% Cotton Proban Treated	T 24 :	15seconds
FABRIC WEIGHT:	340gsm	T 24 - T 12:	7 seconds
		MEAN TRANSMISSION:	48%

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