

When It Counts, We've Got You Covered



Specialist Garments for Specialist Applications

TECASAFE® PLUS CARGO PANTS

PRODUCT CODE: T513-NVY • FLAME RETARDANT PERFORMANCE CARGO PANTS

AS/NZS 4824 Certified

Angled side pockets on either side of waist – black calico lined

Fob pocket

Inward facing button-fastened waist

Nylon spiral #3 zipper (no metal parts)

Cargo pockets with FR Velcro®-fastened covering flaps

Twin rear hip pockets with FR Velcro®-fastened covering flaps

Cuff strap adjustable via FR Velcro®

50mm 3M® FR Silver reflective tape



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Protection from Flash Fire and Flame Hazard

The mid weight style T513-NVY cargo combines functional design with the reassurance of TenCate Tecasafe® Plus inherently flame retardant fabric. This cargo is ideally suited where the potential for flash fire or unexpected exposure to flame is present.

What is TenCate Tecasafe® Plus?

TenCate Tecasafe® Plus is a synthetic inherently flame retardant fabric, which means the unique FR protection comes built and won't wash out or wear out. TenCate Tecasafe® Plus is constructed from 48% fr-modacrylic, 37% lyocell and 15% aramid. This inherent fabric is engineered to provide unbeatable electric arc and flash fire protection. The soft and lightweight fabric provides unmatched comfort and styling.

Wildland Fire Fighting Certification

The T513-NVY Cargo Trouser has been certified to Wildland Fire Fighting standards AS/NZS 4824:2006. These Standards set minimum levels of performance for fire fighting garments. The product certification is provided by an independent third party that examines all aspects of the garments' manufacture and the raw materials utilized in their manufacture to confirm that these levels of performance are met/exceeded. Hence the mark of product certification provides an assurance to purchasers that the garments they are purchasing fully conform to the requirements specified in the Standard. To maintain this assurance over time, the certification process also includes annual auditing of manufacturing processes, quality control systems, test reports, batch testing requirements and technical/specification document control.

Fabric Testing For Wildland Fire Fighting Garments

Thermal Resistance measures the ability for metabolic heat to permeate through the fabric. The test measures how much resistance the fabric provides. The higher the reading, the more resistance the fabric has to allowing the permeation of body heat.

The fabric has been tested to the Australian Standard for Wildland fire fighting garments (AS/NZS 4824: 2006), which is arguably the most relevant Australian Standard for fabric performance when exposed to heat/flame. When exposed to flame on both the face and the edge, both self extinguished without hole formation and no after flame or afterglow beyond 2 seconds.

Electric Arc Protection

The NFPA have identified various FR hazardous risk category levels, which are numbered by severity from 1 to 4. Hazard Risk Category is the level of arc flash protection clothing you must wear to protect against a minimum level of incident energy measured in calories per centimeter squared.

Tecasafe fabric is engineered to provide unbeatable electric arc protection. This garment is manufactured from Tecasafe Plus 700 238gsm fabric which has an ARC rating of 9.0 cal/cm², bringing this garment into the HRC2 category.

GARMENT SELF MEASUREMENT GUIDE

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

Size	77R	82R	87R	92R	97R	102R	107R	112R	117R	122R	82S	87S	92S	97S	102S	107S	112S	127S	72L	77L	82L	87L	92L	97L	102L
Waist	79	84	89	94	99	104	109	114	119	124	84	89	94	99	104	109	114	129	74	79	84	89	94	99	104
Hip*	105	110	115	120	125	130	135	140	145	150	110	115	120	125	130	135	140	155	100	105	110	115	120	125	130
Inleg	79.5	80	80.5	81	81.5	82	82.5	83	83.5	84	76	76.5	77	77.5	78	78.5	79	80.5	84	84.5	85	85.5	86	86.5	87

*(20cm down from hem)

GARMENT SPECIFICATIONS

COLOUR: Navy

AVAILABLE SIZES: S092-S117, R077-R112, L089-L094

FABRIC: TenCate Tecasafe® Plus
48% fr-modacrylic, 37% lyocell
and 15% aramid

FABRIC WEIGHT: 238gsm

REFLECTIVE TAPE: 3M #8935 50mm

Silver Flame Retardant

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