

# BW1300T5

FR Softshell PPE Category 2 Hi-Vis Jacket with Segmented FR Tape



**PPE 2**

**17.4** cal/cm<sup>2</sup> ATPV

ASTM F1959M/F1959 & NFPA 70E:2015

NFPA 2112 NFPA 70E	<b>PPE 2</b> (HRC 2)
EN ISO 11612 2015	<b>A1 B1 C2</b> <b>D1 E1 F2</b>
IEC 61482-1-2 2014	<b>Class 1</b>
EN 1149-3(5) Pt. 3:2004 Pt. 5:2008	<b>Charge Decay</b>

Standard 100 Class II **Certified**



<b>FABRIC</b>   FR Softshell	<b>AS/NZS 1906.4:2010</b>   Class F(W) & Class R
<b>WEIGHT</b>   360gsm	<b>AS/NZS 4602.1:2011</b>   Class D/N
<b>TAPE</b>   FR Segmented Tape	<b>AS 4399:2020</b>   UPF 50+

BW1300T5-ORA XS-6XL
<b>MOQ</b>   1 Unit
<b>CARTON</b>   10 Units

- | 360gsm 3-layer softshell garment combining poly shell fabric and breathable FR PU
- | Anti-static fabric dissipates electrostatic charge from across its' surface as per EN1149-3 reducing the risk of conductivity for the wearer
- | Inherent FR fleece and flame resistant thread used in seams
- | Segmented FR heat applied reflective-tape
- | 'H-front' and 'X-back' jacket tape configuration for optimal visibility
- | Biomotion sleeve tape configuration to enhance visibility of limbs during movement
- | Insulated garment providing protection against cold conditions
- | Nomex FR zippers
- | Radio loop on right-hand side chest

**PARVTEX**



### ASTM F1959/F1959M Test Method for Determining the Arc Rating of Materials for Clothing

ASTM F1959/F1959 is an international standard outlining the original test method for determining an 'Arc Rating' or 'Arc Thermal Performance Value' (ATPV) of a material or combination of materials, intended for use to construct a flame resistant garment. The results from the ASTM F1959/F1959 test method will detail the fabric samples material properties, when exposed to convective and radiant energy generated by an electric arc.

### AS/NZS 1906.4.2010 Retroreflective materials and devices for road traffic control purposes - Part 4: High-visibility materials for safety garments

#### High Daytime Visibility Fluorescent Material

Class F garments are the most common class. This class consists of garments with high-visibility man-made fabric without reflective tape. Fabrics woven or knitted out of natural or man-made fibers for a particular high-visibility colour range. The Standard specifies the use of certain colour spaces of yellow and orange/red. Fabrics that meet Class F have been engineered to retain more fluorescent dye, for a longer duration than natural fibres.

Wet weather garments can achieve a Class F (W) where the material passes an optional wet weather test along with the Class F classification.

#### Retroreflective Material

Class R Retroreflective material is applied to workwear garments in the form of high-visibility reflective tape. This material reflects direct artificial light sources - such as car headlights - back to the viewer.

### AS/NZS 4602.1.2011 High-visibility safety garments - Part 1: Garment for high risk applications

#### Day/Night Use

Designed to provide wearer visibility in both day and night-time conditions.

These garments combine the requirements of Class D high-visibility fabric with Class N requirements of reflective tape configurations.

Like Class D, Class D/N garments must have same 0.2m<sup>2</sup> high-visibility fabric on the front and back torso, compliant to Class F and RF material standards. Class NF fabric, can be used instead, with the caveat of reduced high-visibility properties and differing care instructions.

#### Why certify workwear garments for construction and high visibility?

Unknown to most people, workwear garments in Australia are almost always sold with the claim they are compliant to Australian/New Zealand or European safety standards for workwear. The most popular claims are made to standards:

AS/NZS 1906.4.2010 Retroreflective materials and devices for road traffic control purposes - Part 4: High-visibility materials for safety garments

AS/NZS4602.1.2011 High-visibility safety garments - Part 1: Garments for high risk applications

AS 4399:2020 Sun protective clothing - Evaluation and classification

ASTM F1959/F1959M Test method for determining the arc rating of materials for clothing

However making this claim is NOT the same as being certified to the Australian/New Zealand standards.

As a consumer you are expected to accept this claim without any further proof or validation that the necessary lab tests have been conducted and all performance requirements have been thoroughly met; upholding all proper scientific practices.

For Bool Workwear this is not acceptable. We pride ourselves in becoming the first Australian workwear provider that can validate our safety claims by providing certification.

Bool Workwear have entrusted BSI Global - international independent notifying body - to ensure that certified Bool garments meet Australian and relevant international safety standards. The certification process ensures manufacturing processes and facilities, test certificates, and the product itself are audited & scrutinized so that all claims are accurate. A garment is then able to be marked certified by the BSI Certified Body.

As certified products the BSI Global and license number issued the BSI Certified Body is presented next to the garment.

## Fibre Construction

### PARVOTEX

<b>Modacrylic</b>		<b>50%</b>
<b>Cotton</b>		<b>32%</b>
<b>Polyarylate</b>		<b>8%</b>
<b>Polyamide</b>		<b>9%</b>
<b>Carbon</b>		<b>1%</b>

Parvotex is uncompromised protection against unforeseen open electric arc incidents and flash-fire events. No other FR fabric can boast high levels of fire resistance alongside superior comfort and breathability. This all stems from the yarns composition, with our Parvotex fabric boasting a 32% cotton content the perfect solution for Australia's hot and humid climate.

With a cotton content of 32% the Parvotex fabrics is ultra comfortable, eliminating and removing the stiffness and heaviness of traditional flame retardant garments. The high cotton content also makes the yarn highly breathable which is essential in the harsh Australian working conditions.

## Care Instructions

Written in accordance with **AS/NZS 1957:1998 Textiles - Care Labelling**

-  Wash prior to first time use or if stained, with like colours
-  Machine wash at no more than 40°C
-  Do not bleach
-  Do not tumble dry
-  Do not dry clean
-  Do not iron

## Sun Protection

### UPF 50+ Excellent Protection

Garments received a pass under AS4399:2020 Sun protective clothing - Evaluation and classification