

# BW2305T8

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



**PPE 2**

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

ASTM F1959M/F1959 & NFPA 70E:2015

NFPA 70E	<b>PPE 2 (HRC 2)</b>
EN ISO 11612 2015	<b>A1 B1 C2 D2 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



<b>FABRIC</b>   FR Softshell	<b>AS/NZS 1906.4:2023</b>   Class F & Class R	<b>AS/NZS 4836:2023</b>   Compliant
<b>WEIGHT</b>   360gsm	<b>AS 4602.1:2024</b>   Class D/N Level 1	<b>ENA NENS 09</b>   Compliant
<b>TAPE</b>   FR Segmented Tape	<b>AS 4399:2020</b>   UPF 50+	

- 360gsm 3-layer softshell 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 retardant thread used in seams
- Segmented FR heat applied reflective tape
- Double hoop tape configuration for optimal visibility
- Biomotion sleeve tape configuration to enhance visibility of limbs during movement
- Full-length front zip with protective placket secured by press studs
- Concealed chest pocket for safe and discreet storage
- Radio loop on both shoulders

<b>BW2305T8-O/N</b>	S-5XL
<b>BW2305T8-Y/N</b>	S-5XL
<b>MOQ</b>	1 Unit
<b>CARTON</b>	10 Units

PRODUCT CERTIFICATION

BSI Certified Product  
AS/NZS 1906.4:2023  
AS 4602.1:2024  
ASTM F1959/F1959M

### 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 1906.4:2023 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.

#### 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 4602.1:2024 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 1906.4:2023 Retroreflective materials and devices for road traffic control purposes - Part 4: High-visibility materials for safety garments

AS 4602.1:2024 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

### Outer

**Polyester with PU** | 100%

### Inner

**Modacrylic** | 60%

**Cotton** | 38%

**Carbon** | 2%


### Pocketing

**FR Fleece**


The softshell garment composition across the Bool Workwear range guarantees fire resistance, weather resistance and durability with its versatile outer layer and added FR lining.


## 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