

BW2300T8

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



PPE 2

17.4 cal/cm² ATPV

ASTM F1959M/F1959 & NFPA 70E:2015

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

Oeko-Tex Standard 100® Class II



FABRIC FR Softshell	AS/NZS 1906.4:2023 Class F & Class R	AS/NZS 4836:2023 Compliant
WEIGHT 360gsm	AS 4602.1:2024 Class D/N Level 2	ENA NENS 09 Compliant
TAPE FR Segmented Tape	AS 4399:2020 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
- '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 production against cold conditions
- Nomex FR zippers
- Radio loop on right-hand side chest

BW2300T8-O/N	XS-5XL
BW2300T8-Y/N	XS-5XL
MOQ	1 Unit
CARTON	10 Units



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 0.2m² 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 | 100%

Inner

Modacrylic | 60%

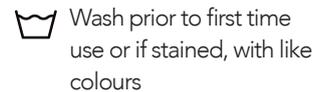
Cotton | 38%

Carbon | 2%

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.

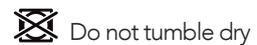
Care Instructions

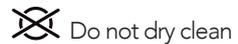
Written in accordance with **AS/NZS 1957:1998 Textiles - Care Labelling**













Sun Protection

UPF 50+ Excellent Protection

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