CERTIFIED PRODUCT

BOOL Protective Technologies

BW2340T4

FR Hi-Vis Parka with Zip-Off Sleeves and Segmented FR Tape

PPE 3

26.0 cal/cm² ATPV

ASTM F1959M/F1959 & NFPA 70E:2015

NFPA 70E	PPE 3 (HRC 3)
EN ISO 11612 2015	A1 B1 C1 F1
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 3 Layer	**AS/NZS 1906.4:2010**	Class F & Class R	**AS/NZS 4836:2023**	Compliant
WEIGHT	110D	**AS/NZS 4602.1:2011**	Class D/N	**ENA NENS 09**	Compliant
TAPE	FR Seg Tape	**AS 4399:2020**	UPF 50+		

- 110D 3-layer parka with fire resistant lining - Polyester, Polyurethane, Modacrylic, Cotton blend
- Anti-static fabric dissipates electrostatic charge from across its' surface as per EN1149-5:2018 reducing the risk of conductivity for the wearer
- FR fleece and flame retardant thread used in seams
- Waterproof garment, and breathable fabric with sealed seams for extra insulation from water
- Segmented FR heat applied reflective-tape
- Double hoop tape configuration for optimal visibility
- Biomotion sleeve tape configuration to enhance visibility of limbs during movement
- Zip off sleeves for conversion to vest for hotter climates
- Insulated garment providing protection against cold conditions
- Back flap opening for lanyard access point
- Radio loop on both shoulders

BW2340T4–O/N	S–5XL
BW2340T4–Y/N	S–5XL
MOQ	1 Unit
CARTON	10 Units

PRODUCT CERTIFICATION

BSI Certified Product
AS/NZS 1906.4:2010
AS/NZS 4602.1:2011
ASTM F1959/F1959M

To request a sample or further technical advice please contact admin@boolpt.com.au

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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 proprieties, 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.

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^2 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

Polyester	**40%**
Polyurethane	**33%**
Modacrylic	**14%**
Cotton	**12%**
Antistatic	**1%**

The parka yarn composition across the Bool Workwear range guarantees fire resistance, weather resistance and durability with its yarn composition 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

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