



## BW1550T

### Regular Weight PPE 2 FR Pants with Loxy™ Reflective Tape

**8.6**  
cal/cm<sup>2</sup>  
ATPV

**PPE2**  
HRC2

ASTM F1959/F1959M  
NFPA 70E:2015

#### FEATURES

- Regular weight garment providing PPE2 (8.6 cal/cm<sup>2</sup>) protection at 197gsm
- Parvotex™ FR inherent fabric, with a blend of 32% cotton offering breathability and FR protection
- LOXY™ FR 9801 Silver Reflective Tape tested to standard AS/NZS 1906.4:2010
- Range of sizes for a comfortable waistline fit
- Integrated belt loops

\*Class N only applicable when worn with a compliant shirt



BSI Certified Product  
ASTM F1959/F1959M

Features



**LOXY**

Performance



NFFPA 2112  
NFFPA 70E

**PPE2**  
(HRC2)



EN11612

**A1 A2 B1**  
**C1 F1**



IEC 61482-1-2  
2014

**Class 1**



EN 1149-3(5)  
PL 3:2004  
PL 5:2008

**Charge**  
**Decay**

**ASTM**  
D2863-2013  
TEST METHOD

**LOI 29.6%**



STANDARD 100  
CLASS II

**Certified**

#### SIZING

Size	72R	77R	82R	87R	92R	97R	102R	107R	112R	117R
Waist (Inches)	28	30	32	34	36	38	40	42	44	46
Inside Leg (cm)	72	74	77	79	83	84	87	87	87	87

Size	82S	87S	92S	97S	102S	107S	112S	117S	122S	127S	132S
Waist (Inches)	32	34	36	38	40	42	44	46	48	50	52
Inside Leg (cm)	67	69	71	74	76	79	81	81	81	81	81

Size	84L	89L	94L
Waist (Inches)	32	34	36
Inside Leg (cm)	83	85	88



## PARVOTEX

#### COLOURS

- BW1550T-NAV**  
Navy  
72R-117R  
82S-132S  
84L-94L

#### PACKAGING

1 20

#### 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 60°C
- Do not use chlorine-based bleach
- Do not use fabric softeners or soap
- Dry in shade and do not overdry
- Warm tumble dry, short cycle  
Rinse thoroughly
- Medium heat iron
- Dry cleanable

#### SUN PROTECTION

**UPF50+ Excellent Protection**  
Garments received a pass under  
**AS4399:2020 Sun protective clothing**  
- Evaluation and classification



## CERTIFICATION

### 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.

## 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.**



## PARVOTEX

### FIBRE CONSTRUCTION

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.

