

ArcSafe® X50 Arc Flash Switching Bib and Brace Trousers

ATPV 52 PPE4 (HRC4) Orange

The ArcSafe® X50 Arc Switching Bib and Brace Trousers are made from orange etek™ NXT™ and T-Gard® III Plus thermal liner with an ATPV 52 PPE4 (HRC4). This new fabric system is ideal for hot conditions and wicks moisture away from the body improving wearer comfort. The ergonomic design includes articulated knees for greater range of movement and improved comfort levels. Bib and brace design with 50mm wide braces and side tab closures for snug fit.

X50 Materials

- Outer Fabric: 180gsm etek™ NXT™
- Lining Fabric: 310gsm T-Gard® III Plus

Features

- Bib & Brace design
- Ergonomic articulated knees for greater range of movement and improved comfort levels
- 50mm heavy duty braces
- Hook + loop side closure tabs for snug fit
- Legg cuff hook + loop closure tabs
- **OPTIONAL:** Silver FR reflective trim: Class D/N.



Standard X50 Trousers	with Reflective Trim	Size
EASCTX50SML	EASCTX50T1SML	SML
EASCTX50MED	EASCTX50T1MED	MED
EASCTX50LRG	EASCTX50T1LRG	LRG
EASCTX50XLG	EASCTX50T1XLG	XLG
EASCTX502XL	EASCTX50T12XL	2XL
EASCTX503XL	EASCTX50T13XL	3XL

Product Data Sheet

Standards and Certification

- This ArcSafe® Arc Flash protective garment has been independently tested by Kinectrics to:
 - ASTM F2621-19 Standard Practice for Determining Response Characteristics and Design Integrity of Arc Rated Finished Products in an Electric Arc Exposure
 - EC 61482-1-2 – Box Testing Class 2.
- This ArcSafe® Arc Flash protective garment is certified by BSI to AS4602.1:2011 High Visibility Safety Garments: Garments for high risk applications
- X50 Garments comply with the Personal Protective Equipment requirements of AS 4836:2011 Safe working on or near low-voltage electrical installations and equipment and ENA NENS 09-2014 National Guideline for the Selection, Use and Maintenance of PPE for Electrical Arc Hazards – Arc Rated Garments and Hoods
- X50 Fabric Ensemble has been independently tested by Kinectrics to:
 - ASTM F1506 Standards for Flame Resistant Fabrics – ASTM F1506
 - IEC 61482-1 Method A – Fabrics.

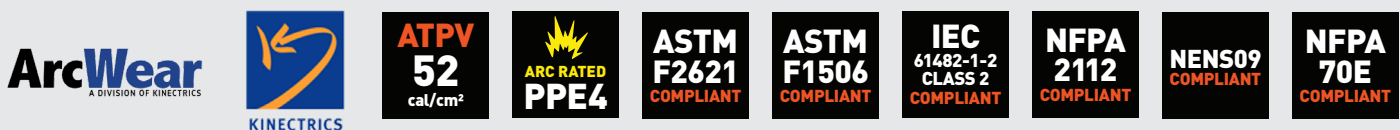
Performance Results

- Arc Rating: ATPV – 52cal/cm; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2
- AS4602.1:2011 – Class D

PRODUCT CERTIFICATION



BSI Certified Product
AS/NZS 4602.1:2011
BMP No 739979



IMPORTANT

NFPA 70E Compliance requires wearing of the whole system (3-piece) as ONE UNIT.
3 Pieces including hood, coat and leggings or hood, jacket and bib & brace trousers.
Once a garment has been exposed to an arc flash, it must be removed from service.