

Product Data Sheet

ArcSafe® S40 Arc Flash Bib & Brace Trousers

ATPV 46 PPE4 (HRC4) GREEN

The ArcSafe® S40 Arc Bib & Brace Trousers are made from Norfab NF Arc™ and OmniQuilt™ thermal liner with an ATPV 46 PPE4 (HRC4) and includes Silver FR Reflective trim. This **NEW super lightweight system** is ideal for hot conditions and wicks moisture away from the body improving wearer comfort. The ergonomic design includes an action back, underarm gussets and articulated sleeves for greater range of movement and improved comfort levels.

S40 Materials

- Outer Fabric: 173gsm Norfab NF Arc™
- Lining Fabric: 207gsm OmniQuilt™

Features

- Super Lightweight 380gsm S40 fabric system
- 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

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
 - IEC 61482-1-2 Box Testing Class 2.
- S40 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 – 46cal/cm²; PPE4 (HRC4)
- IEC 61482-1-2 Box Testing – Class 2



Part Number	Size
EASCTS40SML	SML
EASCTS40MED	MED
EASCTS40LRG	LRG
EASCTS40XLG	XLG
EASCTS402XL	2XL
EASCTS403XL	3XL



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.