



# EINTAC

Expert in **safe-working**  
on **electrical systems**

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PART No.

**EHV-AFT##**

## Arc Flash Trousers

### DESCRIPTION

- // Class I and 9.5 cal/cm<sup>2</sup> ATPV // 8 cal/cm<sup>2</sup> ELIM Trousers.
- // Arc Flash protection and Flame Resistant fabric.
- // Combat pocket with flap for safe storage space.
- // Kneepad pockets to allow for extra comfort.
- // Mobile phone pocket.
- // Traditional side access pockets.
- // Extra wide belt loop at rear to prevent belt riding up.
- // ThermSAFE™ plastic Flame Resistant zippers - CE Certified.
- // SafetyICON™ on leg - Visual EN Standards icon system.
- // Rear pockets with flap.
- // Triple stitched side seams with lifetime quality assurance.
- // Reinforced crotch for improved longevity.
- // ThermSAFE™ jeans button for jeans style fastening.

### STANDARDS

- EN ISO 11612:2015 - A1,A2,B1,C1,E1,F1
- EN 1149-5:2018 - Pt. 5:2018, Pt. 3:2004
- EN 61482-2:2020 - APCI, ELIM=8cal/cm<sup>2</sup>
- EN ISO 11611:2015 - Class I, A1, A2
- EN 13758-2:2003 - UPF40+

### FOR ARC FLASH, WHAT IS THE DIFFERENCE BETWEEN ELIM AND ATPV?

ELIM is the new cal/cm<sup>2</sup> measurement and it's the point at which there is 0% second-degree burn probability at that incident energy level. ATPV measures the incident energy level at which there's a 50% probability of second-degree burns.

It's critical to understand the differences between ELIM and ATPV so that your risk assessment can specify the right protection for your people. Only under the new Open Arc Test (IEC 61482-1-1:2019) can the ELIM value be derived. Arc flash garments can be tested by two methods – Open Arc or Box Test.

### PRODUCT SPECIFICATION

|              |  |
|--------------|--|
| Colour       | Navy   |
| Fabric       | VXS+ 250W 250g/m <sup>2</sup><br>Woven Inherent Fabric |
| LOI          | 30.6%  |
| Product Care |  |

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| MENS PART NO.    | WAIST SIZE<br>(INCHES / CM) | INSIDE LEG / INSEAM<br>LENGTH<br>(INCHES / CM) |
|------------------|-----------------------------|--|
| EHV-AFT7638MN30R | 30 / 75                     | 32 / 81  |
| EHV-AFT7638MN30T | 30 / 75                     | 34 / 86  |
| EHV-AFT7638MN32R | 32 / 80                     | 32 / 81  |
| EHV-AFT7638MN32T | 32 / 80                     | 34 / 86  |
| EHV-AFT7638MN34R | 34 / 85                     | 32 / 81  |
| EHV-AFT7638MN34T | 34 / 85                     | 34 / 86  |
| EHV-AFT7638MN35R | 35 / 87.5                   | 32 / 81  |
| EHV-AFT7638MN35T | 35 / 87.5                   | 34 / 86  |
| EHV-AFT7638MN36R | 36 / 90                     | 32 / 81  |
| EHV-AFT7638MN36T | 36 / 90                     | 34 / 86  |
| EHV-AFT7638MN38R | 38 / 95                     | 32 / 81  |
| EHV-AFT7638MN38T | 38 / 95                     | 34 / 86  |
| EHV-AFT7638MN40R | 40 / 100                    | 32 / 81  |
| EHV-AFT7638MN40T | 40 / 100                    | 34 / 86  |
| EHV-AFT7638MN42R | 42 / 105                    | 32 / 81  |
| EHV-AFT7638MN42T | 42 / 105                    | 34 / 86  |
| EHV-AFT7638MN44R | 44 / 110                    | 32 / 81  |
| EHV-AFT7638MN44T | 44 / 110                    | 34 / 86  |
| EHV-AFT7638MN46R | 46 / 115                    | 32 / 81  |
| EHV-AFT7638MN46T | 46 / 115                    | 34 / 86  |
| EHV-AFT7638MN48R | 48 / 120                    | 32 / 81  |
| EHV-AFT7638MN48T | 48 / 120                    | 34 / 86  |
| EHV-AFT7638MN50R | 50 / 125                    | 32 / 81  |
| EHV-AFT7638MN50T | 50 / 125                    | 34 / 86  |
| EHV-AFT7638MN52R | 52 / 130                    | 32 / 81  |
| EHV-AFT7638MN52T | 52 / 130                    | 34 / 86  |

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| LADIES PART NO.  | SIZE | WAIST SIZE<br>(INCHES / CM) | HIPS<br>(INCHES / CM) | INSIDE LEG / IN-<br>SEAM LENGTH<br>(INCHES / CM) |
|------------------|------|-----------------------------|-----------------------|--|
| EHV-AFT7636LN8R  | 8    | 30.7 / 78                   | 40.6 / 103            | 29.5 / 75  |
| EHV-AFT7636LN8T  | 8    | 30.7 / 78                   | 40.6 / 103            | 31.5 / 80  |
| EHV-AFT7636LNI0R | 10   | 32.7 / 83                   | 42.5 / 108            | 29.5 / 75  |
| EHV-AFT7636LNI0T | 10   | 32.7 / 83                   | 42.5 / 108            | 31.5 / 80  |
| EHV-AFT7636LNI2R | 12   | 34.6 / 88                   | 44.5 / 113            | 29.5 / 75  |
| EHV-AFT7636LNI2T | 12   | 34.6 / 88                   | 44.5 / 113            | 31.5 / 80  |
| EHV-AFT7636LNI4R | 14   | 36.6 / 93                   | 46.5 / 118            | 29.5 / 75  |
| EHV-AFT7636LNI4T | 14   | 36.6 / 93                   | 46.5 / 118            | 31.5 / 80  |
| EHV-AFT7636LNI6R | 16   | 38.6 / 98                   | 48.4 / 123            | 29.5 / 75  |
| EHV-AFT7636LNI6T | 16   | 38.6 / 98                   | 48.4 / 123            | 31.5 / 80  |

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