

# DIELECTRIC HV3 BOOTS

## CLASS 3



**workMaster™**  
by RESPIREX

Power Generation

Power Distribution

Construction

Telecommunications

Transport

An electrically insulating dielectric boot with an integral steel toe cap. The Workmaster™ Dielectric HV3+ boot allows high voltage live working at up to 26.5kV with every boot tested at 30kV.

### Features

- Injection moulded using our **proprietary HV3 compound** for a seamless boot with superior electrical insulation properties
- **Step voltage protection** up to 35kV\*
- **Arc flash protection** – Meets the requirements of ASTM F2621-2019 at 40Cal/cm<sup>2</sup>\*\*
- 200 Joule epoxy coated steel **toe cap**
- **Lightweight** for increased wearer comfort
- Superb **low temperature flexibility** down to **-40°C**
- **Environmentally friendly** PVC and Halogen free construction
- **Biodegradable** & Phalate free
- **Slip resistant** moulded sole
- **Cleated outsole** for maximum grip
- **Energy absorbing** tunnel system in heel to EN 20345:2011 E
- Ergonomic **cushioned insole** (removable & machine washable) for greater wearer comfort
- Non-wicking knitted nylon lining
- Kick-off lug
- Adjustable height
- CE marked on the shaft with date and year of manufacture
- REACH Compliant

### Care

- Machine washable at up to 40°C
- Five year shelf life

### Options

- Additional High Voltage DC test
- Removable thermal liner

### High Voltage Test

Each boot:                30kV AC - Leakage current <20mA  
over the three minute test cycle

### Certification

- **EN ISO 20345:2011** SB E SRC  
Safety Footwear
- **EN 50321-1:2018** Class 3 AC  
Electrically Insulating Footwear
- **PPE Regulation (EU) 2016/425**  
Personal Protective Equipment
- **Conforms to ASTM F1117**

\*Tested using the ASTM 2412-18a step voltage test method at 35kV with leakage current less than 1mA.

\*\*The Workmaster™ HV3 boot has been independently tested and meets the test requirements of ASTM F2621-2019.

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**Live Working**  
**CLASS 3**  
**EN 50321-1**  
**26.5kV**



**Step Voltage**  
**35kV**

**40**  
**Cal/cm<sup>2</sup>**  
**ARC FLASH TESTED**



### Sizes

UK	3	4	5	6	7	8	9	10	11	12	13	14	15
EU	35	36	37	39	41	42	43	44	45	46	47	49	50
US	4	5	6	7	8	9	10	11	12	13	14	15	16

Specifications, configurations and colours are subject to change without notice.

WorkMaster™ is a division of Respirex International Limited  
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