

DIELECTRIC HV3 BOOTS

CLASS 3



RESPIREX™

Power Generation

Power Distribution

Construction

Telecommunications

Transport

An electrically insulating dielectric boot with an integral steel toe cap. The Respirex 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/cm²**
- 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 Respirex HV3 boot has been independently tested and meets the test requirements of ASTM F2621-2019.

www.respirexinternational.com
+44 (0)1737 778600
info@respirex.co.uk

Inquiries please contact:
Respirex North America
Ph: (281) 350-5001
Email: info@respirexna.com



40
Cal/cm²
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.

Respirex International Limited
Unit F, Kingsfield Business Centre,
Philanthropic Road, Redhill, Surrey,
RH1 4DP, United Kingdom