



CLASS 0 DIELECTRIC SAFETY BOOTS

An electrically insulating dielectric boot with an integral steel toe cap and moulded slip-resistant. The Workmaster™ Dielectric N boot allows high-voltage live working at up to **1kV**, with every boot tested at 5kV AC.

Workmaster Dielectric Boots are trusted by utility and power distribution companies globally to protect high voltage workers.

CERTIFICATION

- **EN 50321-1:2018 Class 0 AC**
Electrically Insulating Footwear for Live Working
- **ASTM F1117 (20kV)**
Dielectric Footwear
- **ASTM 2413 EH (18kV)**
Step Voltage Protection
- **EN ISO 20345:2022+A1:2024 SB E CI FO SR**
Safety Footwear
- **PPE Regulation (EU) 2016/425**
Personal Protective Equipment



SPECIFICATIONS



CLASS 0 Insulating Safety Boot Certified to EN 50321-1 providing protection for live working at up to 1,000 Volts



Step Voltage Protection

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



SB Category Safety Boot Complies with the requirements for safety footwear in EN ISO 20345



Fuel and oil resistant sole ensuring

the working life of the boot won't be compromised if used in oily environments



Slip resistant, cleated moulded outsole (SR)



Cold insulation to EN ISO 20345 **CI** Internal temperature drops by less than 0.5°C after 30 mins inside a chamber at -17°C, **9.5°C** better than required for CI marking



Integral 200 Joule epoxy coated steel **toecap**



Energy absorbing tunnel system in heel to EN ISO 20345 **E**

CLASS 0 DIELECTRIC SAFETY BOOTS

High Voltage Working

Our Class 0 Dielectric boots are designed to be used for live working up to up to 1kV. For higher voltages, check out our Class 2 and 3 Dielectric Boots.

Ergonomic cushioned insole

Fitted as standard, our latest cushioned insoles provide excellent wearer comfort and support, and significantly improve thermal insulation

Slip resistant sole

The cleated moulded sole provides excellent slip resistance (SRA)

Kick-off lug

For easy 'hands-free' removal of the boots.



OPTIONS



DIELECTRIC PRO The first EN 50321-1 Class 2 Dielectric safety boot to incorporate a penetration resistant mid-sole that provides electrical protection after nail penetration



DIELECTRIC T Provides the same performance as our Dielectric Class 2 boot, but in a metal-free design incorporating a composite toecap



Maxi and Compact Overboots insulating overboots for use over the top of safety boots (maxi) or safety trainers (compact)

CARE

- Machine washable at up to 40°C
- Shelf life of over 10 years
- All Workmaster boots are REACH compliant, PFAS free and CE marked on the shaft with date and year of manufacture

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

Note: The height of the boot can be adjusted by trimming down to to the second cut line moulded into the shaft of the boot

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

WorkMaster™ is a division of Respirex International Limited
Unit F, Kingsfield Business Centre, Philanthropic Road,
Redhill, Surrey, RH1 4DP, United Kingdom