DIELECTRIC BOOTS
CLASS 2

Power Generation | Power Distribution | Construction | Telecommunications | Transport

An electrically insulating dielectric boot with an integral steel toe cap and vulcanised rubber sole for superior slip resistance. The Workmaster™ Dielectric boot allows high-voltage live working at up to 17kV, with every boot tested at 20kV.

Live Working
CLASS 2
EN 50321-1
17 kV

40
Cal/cm²
ARC FLASH TESTED

Boot Upper
- Arc flash protection – Meets the requirements of ASTM F2621-2019 at 40Cal/cm²*
- Yellow dielectric compound upper
- 200 Joule Epoxy coated Steel toe cap to EN ISO 20345
- Seamless construction
- Kick-off lug
- Extra shin protection and ankle guard
- Adjustable height
- Non-wicking knitted nylon lining
- REACH Compliant

Boot Sole
- Blue vulcanized rubber sole for maximum grip - 30% better than a conventional safety boot sole
- Slip resistance twice that required by SATRA TM144 standard
- Greater cut resistance than conventional soles
- Two to three times the wear resistance of conventional soles
- Cleated outsole for maximum grip
- Fuel and oil resistant
- Resistance to hot contact 60 seconds 300°C
- Cold insulation to EN ISO 20345 CI
- Energy absorbing tunnel system in heel and ergonomic cushioning insole (removable & machine washable) for greater wearer comfort

Care
- Machine washable at up to 40°C
- Shelf life of over 10 years

Options
- Additional DC high voltage test
- Removable thermal liner

High Voltage Test
Each boot: **20kV AC** - Leakage current **<18mA** over the three minute test cycle

Certification

Safety Footwear	EN ISO 20345:2011 *- SB E CI HRO SRC FO*
Electrically Insulating Footwear	EN 50321-1:2018 Class 2 AC
Dielectric Footwear	ASTM F1117
Personal Protective Equipment	PPE Regulation (EU) 2016/425

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

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