

# DIELECTRIC BOOTS



# RESPIREX™

Power Generation

Power Distribution

Construction

Telecommunications

Transport

An electrically insulating **Class 2** dielectric boot with an integral steel toe cap and vulcanized rubber sole for superior slip resistance. The Respirex Dielectric boot allows live working at up to 17.5kV with every boot tested at 20kV for ASTM F1117.



ASTM F117  
TESTED AT  
20 kV

## Boot Shaft

- Yellow dielectric compound shaft
- 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
- Comfort insole (removable and machine washable)
- REACH Compliant

## Boot Sole

- Blue vulcanized rubber sole for maximum grip - 30% better than a conventional safety boot sole
- Slip resistance performance twice that required by SATRA TM144 standard
- Cleated outsole for maximum grip
- Two to three times the wear resistance of conventional soles
- Fuel and oil resistant
- Greater cut resistance than conventional soles
- Resistance to hot contact 60 seconds 300°C (572°F)
- Energy absorbing tunnel system conforms to EN 20345 E
- Cold insulation to EN ISO 20345

## Care

- Machine washable at up to 40°C (104°F)
- Shelf life of over 10 years

## Electrical Protection

Complete boot: 20 kV.....8 hours no damage  
20 kV.....<18mA Leakage current

Sole: 35 kV.....3 minutes no damage

Max Working Voltage: 17.5kV

*All boots are tested with AC as standard, DC testing is available on request.*

## Certification

Safety Footwear	EN ISO 20345   E HRO SRC CI
Electrically Insulating Footwear	EN 50321-1 Class 2
Dielectric Footwear	ASTM F1117 (20kV)
Personal Protective Equipment	PPE Regulation (EU) 2016/425

## Sizes

US	4	5	6	7	8	9	10	11	12	13	14	15	16
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

*Specifications, configurations and colors are subject to change without notice.*



Vulcanized Rubber Sole

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