

# DIELECTRIC BOOTS



**workMaster™**  
by RESPIREX

Power Generation

Power Distribution

Construction

Telecommunications

Transport

An electrically insulating dielectric boot with an integral steel toe cap and vulcanized rubber sole for superior slip resistance. The Respirex Dielectric boot provides protection of up to **20kV** over the complete boot for over 8 hours, and **35kV** over the sole for 3 minutes.



**CLASS 2**  
**EN50321**  
17kV Working Voltage

## 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
- Adjustable height
- Ankle guard
- 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 twice that required by SATRA TM144 standards
- 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.
- Energy absorbing tunnel system conforms to EN 20345 E
- Cold insulation to EN ISO 20345

## Care

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

## Electrical Protection

Complete boot: 20 kV.....8 hours no damage  
5 kV.....<5mA Leakage current

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

## Certification

Safety Footwear EN ISO 20345:2011  
- SB E CI HRO SRC FO  
Electrically Insulating Footwear EN 50321:2018 Class 2  
Dielectric Footwear ASTM F1117  
Personal Protective Equipment PPE DIR 89/686/EEC

## 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



Vulcanized Rubber Sole