Insulation / Dielectric boots

30601 DB2

Dielectric boots

- Each boot tested to 20 kV (AC testing as standard, DC testing available on request).
- Leakage current less than 5 mA at 5 kV and less than 18 mA at 20 kV.
- Meets the requirements of ASTM F1117 (20 kV) and ASTM F2413.
- 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.
- Wear resistance of the sole two to three times higher than conventional soles.



Code	Ref.	Sizes
715155	DB2 T42	42
715160	DB2 T43	43
715165	DB2 T44	44
715170	DB2 T45	45

Class 2

17.5 kV
Maximum working voltage

20 kV
Test voltage



Insulation / Dielectric boots

MEANING OF THE PICTOGRAMS



Category SB safety boots
According to EN ISO 20345:2011 safety footwear requirements.



Thermal Insulation
The thermal insulating properties of the boot ensure that when a boot at 23 °C is placed in a cold chamber at -17 °C, the temperature drop on the upper surface of the insole is less than 10 °C after 30 minutes.
Boot marking: CI



Energy-absorbing heel
Provides a minimum cushioning of 20 J in the heel, reducing the risk of fatigue and injury.
Boot marking: E



Live working
Dielectric boots according to EN 50321 for electrical protection footwear.
Boot marking: Double triangle



Oil and fuel resistant
The outsole is resistant to oil, ensuring that the boot's lifespan is not affected when used in oily environments. Tested by immersing the boot in oil for 22 hours, after which the outsole is checked for excessive swelling, shrinkage, or increased hardness.
Boot marking: FO



Toe cap
Epoxy-coated steel toe cap tested for impact resistance of 200 J and compression strength of 15 kN.



SRA Slip Resistant
Tested and approved for slip resistance on a ceramic floor tile coated with a soapy solution of sodium lauryl sulphate (NaLS). The test measures both forward heel slip and forward flat slip.
Boot marking: SRA



Heat resistant
The sole has been tested for contact heat resistance at 300 °C for 60 seconds.
Boot marking: HRO



Occupational footwear
Category 04
Complies with the basic requirements for occupational footwear according to ISO 20347:2012.



SRC slip resistant
Tested and approved for slip resistance on a ceramic tile coated with a dilute sodium lauryl sulphate (NaLS) soap solution [SRA], and for slip resistance on a steel floor with glycerol [SRB]. The test measures both forward heel slip and forward flat slip.
Boot marking: SRC