



Product Technical Specifications

## Model DB3

Dielectric insulating boots



### Functionality

Class 3 electrically insulating dielectric (**EN 50321- 1:2018**) boots with integral steel toe cap. DB3 dielectric boots allow for live work up to 26.5kV with each boot tested to 30 kV.

### Product Features

- Lightweight design for greater wearer comfort.
- Low temperature flexibility down to -40°C.
- Energy absorbing heel tunnel system and ergonomic cushioning insole (removable and machine washable) for increased wearer comfort.
- High visibility green HV3 composite upper.
- Meets ASTM 1117 (20 kV) and ASTM F2413 requirements.
- Temperature range: -40°C to +70°C.
- Service life more than 5 years.





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#### Electrical protection

DB3 boots are within Class 3 AC, test methods described in EN 50321-1:2018. They withstand 40,000 volts (40 kV) throughout the boot and at 30 kV current leakage is less than 18 mA. In addition, DB3 boots meet the requirements of ASTM F1117 and withstand 20 kV for more than 3 minutes.

#### Certificates

Conforms to standards:

- **CE marking.**
- **EN ISO 20345:2011:** Personal protective equipment - Safety footwear
  - SB - the boot meets the basic requirements of EN ISO 20345:2011 for fully polymeric (i.e. fully molded) footwear.
  - E - energy absorbing heel.
  - CI - cold insulation.
  - SRC - meets both slipping requirements for soapy water on ceramic tiles and glycerol on stainless steel.
  - Double red triangle: means that they are suitable for work with class 3 electric current according to **EN 50321:2018** suitable for 26.5 kV working voltage.