

## MV-137-CP-..

Insulating boots class 2 (17 000 V AC), tested 20 kV, Anti-Perforation

### Application:

- Electrical insulating boots to work safely on applications up to 17 kV, tested at 20 kV.
- Provides protection against step voltage up to 35kV and withstands up to 20 kV (3 minutes) on the complete boot.
- Boots with an integral steel toe cap providing an impact protection up to 200 joules (from falling objects) and compression resistance up to 15,000 Newtons (crushing).
- Boots with a penetration-resistant midsole providing a 1100 Newtons puncture protection.
- Boots with a vulcanised rubber outsole for superior slip resistance.
- Provides protection against perforation of 1100 Newtons.
- Comfort of use: cushioned insole for a higher comfort and thermal insulation, adjustable upper height, kick-off lug.
- Resistant and long-life outsole on harsh terrain.



### Features:

- Complies with EN 50321-1:2018, class 2 (17 000V AC).
- Conforms to ASTM F1117-03 (20kV) and ASTM F2413 EH (18kV).
- Arc-Flash protection ATPV 40Cal/cm<sup>2</sup> according to ASTM F2621:2019.
- Colour: grey.
- Leakage current less than 18mA at 20kV AC.
- 200 Joules epoxy coated steel toe cap.
- Non-slip vulcanized rubber outsole (improved slip resistance 30% better than a conventional safety boot sole).
- Heat resistant sole EN 20345 (HRO, 300°C for 60 seconds).
- Fuel and oil resistant sole (FO).
- Cleated outsole for maximum grip in wet and oily conditions (SR).
- Ladder grip cleats on instep (LG).
- Cold insulation to EN ISO 20345 (CI).
- Energy absorbing tunnel system in heel in compliance with EN 20345 E.
- Removable and machine washable insole (40°C maximum).
- Size 39 covers the sizes 39 and 40.

Reference	Size	Class	Voltage	ATPV (cal/cm <sup>2</sup> )	Category
			Operating Voltage AC		
MV-137-CP-43	43	2	17 000 V	40	HRO - FO - SR - LG - CI - E - P