

Personal protective equipment

Dielectric and mechanical protection



U826 - high shoes



U827 - short shoes

Application

These safety shoes ensure protection against electrical shocks. They also offer a mechanical protection. Two models are available :

- high shoes
- short shoes

Description

- These shoes are made of bovine black leather. They comprise a polyamide anti-allergic lining, a polyurethane antistatic sole and a non-metallic end. The antistatic property of the sole does not protect against electrical shocks.
 - The models are tested in compliance with ANSI Z41 and ASTM F2413-05 standards. When 14 000 and 18 000V currents are applied during 1 minute with a 60Hz frequency, the passage of current intensity is inferior to 1mA (according to conditions described in the standards).
 - Available sizes go from 39 up to 46.
 - The shoes offer an impact resistance of 200J and a compression resistance of 15kN. The sole is resistant to hydrocarbons.
 - The resistance to perforation is about 1100N.
 - The energy absorption in the heel is superior to 20J for both models.
 - Shoes are waterproof.
 - They provide an insulation against cold and heat coming from the ground. The resistance to heat contact from the ground is 300°C.
 - The soles are nonskid.
 - Dielectric safety shoes are not a substitute to obligatory PPE but an element of secondary protection.
- These shoes meet the criteria of **EN ISO 20345** standard.

Code	Designation	Available sizes	Protection classes	Weight (kg)	Sales unit
U826	HIGH SAFETY SHOES - DIELECTRIC AND MECHANICAL PROTECTION	39 up to 46	SB+P+E+CI+HI+WRU+HRO+SRC+FO	0.900	1
U827	SHORT SAFETY SHOES - DIELECTRIC AND MECHANICAL PROTECTION	39 up to 46	SB+P+E+CI+HI+WRU+HRO+SRC+FO	0.700	1

Required size:

Add the required size to the reference.
Example with the high shoes model, size 42 : **U826-42**

Mechanical protection



U828 - high shoes



U829 - short shoes

Application

These safety shoes ensure a mechanical protection. Two models are available :

- high shoes : allow an optimal support of the ankle.
- short shoes

Description

- The shoes are made of black bovine leather.
- The antistatic property of the sole does not protect against electric shocks.
- Available sizes range from 36 to 47 for the high model and from 39 to 46 for the short one.
- The shoes offer an impact resistance of 200J.
- They dissipate electrostatic charges.
- The shoe sole absorbs energy at the heel.
- The shoe sole is resistant to perforation. It is also resistant to oils and hydrocarbons.

These shoes meet the criteria of the **EN ISO 20345** standard.

Code	Designation	Available sizes	Protection classes	Weight (kg)	Sales unit
U828	HIGH SAFETY SHOES - MECHANICAL PROTECTION	36 up to 47	S3	1.500	1
U829	SHORT SAFETY SHOES - MECHANICAL PROTECTION	39 up to 46	S2+CI+SRC	0.700	1

Required size:

Add the required size to the reference.
Example with the high shoes model, size 42 : **U828-42**