SAFETY SYSTEM
WORKERS PROTECTOR

TECHNICAL SHEET

Sir Safety System S.p.A. Single-member company
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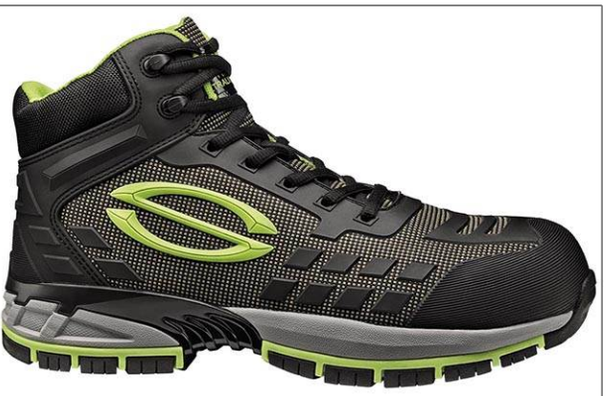
COMPANY WITH QUALITY SYSTEM CERTIFIED = ISO 9001 =

Name: MB2016 high ankle DIELECTRIC shoe	**Code: 25030**	**MB20 FOOTWEAR NEW ULTRA LIGHT SERIES**

Description



High dielectric footwear, with seamless Nylon fibre upper. Equipped with glass fiber toecap and composite midsole with a constant thickness of 4 mm. The EVA/RUBBER sole has a highly expanded EVA inter-sole, anti-shock power, which makes the shoe more flexible and lightweight. The nitrile rubber outsole guarantees perfect grip on both dry and wet surfaces. The footbed is made of two-component material with a shell in polyurethane foam and memory PU with variable thickness: 4 mm at the front and 9 mm in the heel area. Remarkable anti-shock properties. The 3D-TEX polyester lining reduces the sweating effect.

Main features:
- Extremely light, breathable and comfortable.
- Seamless upper for better foot grip, tear and abrasion resistant
- High Durability Cap System: High durability TPU tip system
- T-FLEX" composite sheet with a constant thickness of 4 mm
- TPU rear support to optimize stability in the heel area
- Ergonomic and ultra-flexible eva/rubber outsole that guarantees a high level of comfort
- Suitable for clean environments, characterized by soils with low degree of roughness.

Crossing current: 0.7 mA (with fixed voltage of 18,000V)
. The shoe has been tested at a voltage of 18,000 V at 60 Hz for a minute, as prescribed by the American standard ASTM F2413-11.
The measured current passage (equal to 0.7 mA) was lower than the limit

maximum of 1,0 mA prescribed by the above standard.
From the above it can be stated that footwear protects the user from a maximum voltage of 18,000 V for 1 minute. The test was carried out in dry conditions, as prescribed by the standard American ASTM F2413-11. This type of footwear will not carry out their function if they are worn and used in damp environments. The electrical resistance of this type of footwear can be changed to significant degree of contamination of the constituent material of the soles or ambient humidity.

The product has been designed and manufactured to comply with Regulation (EU) 2016/425 and subsequent amendments and in such a way as to comply with the requirements of EN 20345 EC and is classified as PPE Category II.

Category	Colours	Available Sizes
II	black-lime green	39-47

Quantity/Carton	Important Information	Recommended for
1000	Store clean footwear in a cool, dry place away from heat and light. Before each use check that the shoes are in perfect condition, if they are not intact, replace them.	Industrial plants

Dexterity	EC Standards	Storage and cleaning

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	EN ISO 20345 EN 20345 Safety Class:SBP SRC ASTM F2413-11	Clean the footwear with a soft brush and water.