



workMaster™
by RESPIREX



DIGGER, SOLESTAR S5 & SOLESTAR ESD

GB User Information
FR Guide d'utilisation
DE Benutzerinformation
ES Manual de usuario
IT Manuale d'uso
NL Gebruikersinformatie

TN/B01470/D/23



WORKMASTER™ DIGGER & WORKMASTER™ SOLESTAR S5 USER INFORMATION

The safety footwear supplied by Respirix International Ltd complies with the PPE Regulation (EU) 2016/425 requirements according to the European harmonized standard EN ISO 20345:2011. Footwear is manufactured using materials which conform to the relevant sections of EN ISO 20345:2011 for quality and performance.


Module B certificate issued by SGS FIMKO OY, Takomotie 8, 00380 Helsinki, Finland

UKCA Type-examination for Regulation 2016/425 by: Approved Body No. 0120, SGS United Kingdom Limited, Rossmoor Business Park, Ellesmere Port, South Wirral, Cheshire, CH65 3EN.

Workmaster™ safety boots protect the wearer's toes against risk of injury from falling objects and crushing in a working environment. Impact protection provided is 200 Joules. Compression (crushing) resistance provided is 15,000 Newtons.

The stainless steel corrosion resistant midsole offers penetration resistance of over 1,100 Newtons.

Marking denotes that the footwear is licensed according to PPE regulation as follows:

- **Manufacturer** – See upper and sole; Respirix International Ltd, RH1 4DP
- **CE 2797** – See upper; Module D Certificate issued by BSI group Netherland B.V. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam Netherland and Module B SGS United Kingdom Ltd, Weston-super-Mare, BS22 6WA. Notified Body 0120
- **England RH1 4DP** - See upper; address of UK office
- **D02625 Bautzen** - See upper; address of EU office
- **UKCA 0086** - See upper; UK approved body 0086 for module D BSI Davey Avenue, Knowlhill, Milton Keynes MK5 8PP UK.
- **EN ISO 20345:2011** – See upper; Number of European standard
- **SB** (if present) – See upper; boots meet the basic requirements for all-polymeric (i.e. entirely moulded) safety footwear
- **S5** (if present) – See upper; boots meet the basic requirements for all-polymeric (i.e. entirely moulded) safety footwear plus additional requirements for anti-static properties, energy absorbing heel and penetration resistant midsole and cleated sole
- **P** (if present) – See upper; denotes penetration resistance of sole
- **A** (if present) – See upper; denotes Anti-static.
- **E** (if present) – See upper; denotes energy absorption of seat region
- **CI** (if present) - See upper; denotes cold insulation of sole
- **FO** (if present) – See upper; denotes sole resistant to fuel oil
- **HRO** (if present) – See upper; denotes sole resistant to hot contact
- **CR** (if present) – See upper; denotes cut resistant upper.
- **SRA** (if present) - See upper; denotes slip resistance to EN 13287 soapy ceramic tile.
- **SRC** (if present) - See upper; denotes slip resistance to Soapy water on ceramic tile and glycerol on Steel to EN ISO 20345:2011.
- **Size** - See sole; UK, US & European Marking
- **Date of manufacture** – See upper; Week Number and Year
-  (if present) - See upper; pictogram denoting that the boot complies with EN 61340-5-1:2007 for electrostatic discharge when worn as part of an ESD compliant ensemble

It is important that the footwear selected for wear must be suitable for the protection required and the working environment. The suitability of the boots for a particular task can only be established once a full risk-assessment has been carried out.

The EU Declaration of conformity can be downloaded from: www.workmasterboots.com/doc.

PRODUCT CARE

Boots should be visually inspected before being worn to check for cuts or abrasions. Damaged boots will not continue to give the specified level of protection. To ensure that the wearer continues to receive maximum protection, damaged boots should be replaced immediately.

For boots fitted with a vulcanised rubber sole (which have a coloured midsole layer between the boot upper and rubber sole), if the coloured midsole can be seen coming through the black rubber sole (except the 6mm diameter hole in the centre of the heel), this indicates the rubber sole is worn out and the boots should be replaced immediately.

Please ensure that all strong chemicals or other types of contamination are washed off as soon as possible. Serious damage may result if certain chemicals, fats & oils are not removed and the footwear is not cleaned regularly.

The boot linings should also be periodically wiped with a cloth using a mild detergent. Do not expose the boots to temperatures in excess of 50°C when washing or drying.

The packaging used for transportation to customers is designed to protect the boots until use.

Storage in extremes of temperature may affect the useful service life of the boots and should be avoided; recommended storage temperature is 5°C to 25°C.

LIMITATIONS OF USE

Workmaster™ boots are only suitable for use within a temperature range of -20°C to +60°C. Alternative footwear should be used for applications outside this range.

Workmaster™ boots have a shelf life of over 10 years; any boots unused after this period should be replaced. The date of manufacture is marked on the side of the upper (see above).

ANTISTATIC FOOTWEAR

Antistatic footwear should be used if it is necessary to minimize electrostatic build-up by dissipating electrostatic charges, thus avoiding the risk of spark ignition of, for example flammable substances and vapours, and if the risk of electric shock from any electrical apparatus or live parts has not been completely eliminated. It should be noted, however, that antistatic footwear cannot guarantee an adequate protection against electric shock as it only introduces a resistance between foot and floor. If there is a risk of electric shock we recommend the use of the Respirix Workmaster™ Dielectric boot or Dielectric overboot. Such measures, as well as the additional tests mentioned below, should be a routine part of the accident prevention programme at the workplace.

Experience has shown that, for antistatic purposes, the discharge path through a product should normally have an electrical resistance less than 1000 MΩ at any time throughout its useful life. A value of 100 kΩ is specified as the lowest resistance limit of a product, when new, in order to ensure some limited protection against dangerous electric shock or ignition in the event of any electrical apparatus becoming defective when operating at voltages of up to 250V. However, under certain conditions, users should be aware that the footwear might give inadequate protection and additional provisions to protect the wearer should be taken at all times. Respirix recommends the Dielectric boot for protection against electric shocks.

When new, the anti-static properties of Workmaster™ boots are between 1000 MΩ and 100 kΩ when the sole is either wet or dry.

The electrical resistance of this type of footwear can be changed significantly by contamination. It is, therefore, necessary to ensure that the product is capable of fulfilling its designed function of dissipating electrostatic charges and also of giving some protection during its entire life. It is recommended that the user establish an in-house test for electrical resistance, which is carried out at regular and frequent intervals.

Leather footwear can absorb moisture if worn for prolonged periods in moist or wet conditions; however Workmaster™ boots will not be affected by such environments.

If the footwear is worn in conditions where the soling material becomes contaminated, wearers should always check the electrical properties of the footwear before entering a hazard area.

Where antistatic footwear is in use, the resistance of the flooring should be such that it does not invalidate the protection provided by the footwear.

In use, no insulating elements, with the exception of normal hose, should be introduced between the inner sole of the footwear and the foot of the wearer. If any insert is put between the inner sole and the foot, the combination footwear/insert should be checked for its electrical properties.

INSOLE

Product testing was carried out with the insole in place. The footwear should only be used with the insole in place, removal may have detrimental effects on the protective properties of the footwear. If replacement is required only comparable insoles supplied by Respirix should be used.

ESD FOOTWEAR

Workmaster™ ESD boots when worn as part of an ESD compliant ensemble meet the requirements of the European standard EN 61340-5-1:2007 for electrostatic discharge. The electrical resistance of the ESD compliant ensemble when measured in accordance with EN 61340-5-1 is less than $3.5 \times 10^7 \Omega$. Below are some typical tests results carried out under laboratory conditions of 23°C and 50% humidity. ESD properties must be determined for the environment the Workmaster™ ESD boots are to be used.

Size	39/6	42/8	45/11
Requirement	$R < 3.5 \times 10^7 \Omega$	$R < 3.5 \times 10^7 \Omega$	$R < 3.5 \times 10^7 \Omega$
Test Result	$1.9 \times 10^7 \Omega$	$3.3 \times 10^7 \Omega$	$2.3 \times 10^7 \Omega$

Respirix strongly recommends that NO alterations or additional items are added such as insoles to the ESD boot as this will severely affect the ESD performance of the footwear.



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by RESPIREX

Specialist Protective Footwear

www.workmasterboots.com



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