BS/B01171/A/20

WORKMASTER™

COMPACT DIELECTRIC OVERBOOT

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

workMaster™
by RESPIREX

EN DIELECTRIC COMPACT OVERBOOT – USER INFORMATION

The safety footwear supplied by Respirex International Ltd complies with the PPE Regulation (EU) 2016/425 requirements according to the European harmonized standard EN ISO 20347:2012. The electrical properties of the footwear complies with EN 50321-1:2018 Class 2 AC (complete boot).

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

In addition, the Dielectric overboot has been tested to the electrical requirements of ASTM F1117-03 and will withstand 20,000 Volts for 3 minutes on the complete boot, showing no leakage in excess of 18 milliamps at 20 kV with a normal safety boot worn inside. Specification is designed to reduce the risk of interference with the heartbeat by electrical current passing through the wearer.

Workmaster™ Dielectric Compact Overboots protect against a working Voltage of 17 kV AC by minimizing the leakage below 18 milliamps at the test voltage of 20 kV.

Footwear is manufactured using materials which conform to the relevant sections of EN ISO 20347:2012 for quality, performance, for Ergonomic features mechanical properties and slip resistance.

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

- **Manufacturer** - See sole (including post code and country of origin)
- **CE 2797**- See upper - Notified Body responsible for Module D BSI Group The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP, Amsterdam, Netherlands
- **EN ISO 20347:2012** - See upper; number of European standard
- **EN 50321-1:2018** - See upper; number of insulating footwear standard
- **OB** - See upper; OB denotes the boot meets the basic requirements of EN ISO 20347:2012 for all-polymeric (i.e. entirely moulded) footwear
- **FO** - See upper; classification 'FO' denotes outsole resistant to fuel oil
- **SRC** - See upper; denotes that the boot passes the slip resistance requirements for a ceramic tile floor with sodium lauryl sulphate and Glycerol on Stainless Steel
- **Double red triangle** – See upper; suitable for Live Working
- **Class 2 AC**- See upper; means suitable for working up to 17 kV AC
- **Class 2 DC**- (if present) See upper; indicates additional DC testing, suitable for working up to 17 kV DC
- **Rectangular box marked Inspection Data** - See upper; the date of first use should be written in this box. One year after this date the boots should be electrically retested to EN 50321-1:2018.
- **Size** - See Sole; Medium (sizes 6 - 8 UK, 39 - 42 EU), Large (sizes 9 - 11 UK, 43 - 45 EU), X-Large (sizes 12 - 14 UK, 46 - 48 EU)
- **Date of Manufacture** - See upper; Week and Year

It is important that the footwear selected is 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.

FITTING AND REMOVAL

Like all Personal Protective Equipment, Dielectric Compact-Overboots must be checked for damage before use. Dielectric overboots are designed to be worn over a pair of non-conductive and non-anti-static safety shoes or trainersthat conform to EN ISO 20345. To put on the overboots, unhook the eyelet securing strap from the button located near the front of each boot.The top of the overboots will now open out sufficiently to allow the wearer's safety shoes to be easily slid inside. Once the wearer's safety boots are fully inside the overboots, the securing straps should be folded back and hooked over the button. The overboots can be removed by unfastening the securing strap and using the kick-off lug located at the heel.

PRODUCT CARE

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 after use. If the footwear becomes cut or damaged, it will not continue to give the specified level of protection. To ensure that the wearer continues to receive maximum protection, any damaged footwear should be immediately replaced. Periodically the inner surfaces of the overboot should be wiped with a mild detergent. Packaging of the footwear used for transportation to customers is designed to protect it until use. Storage in extremes of temperatures may affect the useful service life of the overboots and should be avoided; store between 5°C and 25°C. During the cleaning and drying of overboots temperatures should remain below 50°C.

LIMITATIONS OF USE

The Dielectric overboot is only suitable for use within a temperature range of -20°C to +60°C. Alternative footwear should be utilized for applications outside this range. To ensure maximum electrical protection, Respirex recommend that Dielectric overboots are worn over a pair of non-conductive and non-anti-static safety boots conforming to EN ISO 20345. The Dielectric overboot has a shelf-life of 10 years. Any overboots that have remained unused for a period of 10 years should be replaced. The date of manufacture is clearly marked on the upper of the overboot.

MAINTENANCE

Boots should be visually inspected before being worn, check for cuts and abrasions to the boot. If damage has occurred the boots should be replaced immediately with new tested/certified Dielectric overboots. If the yellow moulding of the boot can be observed coming through the blue rubber sole, with the exception of the two 6mm holes on the instep, this indicates the rubber sole is worn out and the Dielectric overboots should be replaced immediately. After 1 year's wear the Dielectric Overboots should be retested to EN 50321-1 Class 2 AC conducting a withstand test at 20KV for 3 minutes. Overboots that breakdown before 3 minutes or do not meet Class 2 should be destroyed as they are not suitable for use. Dielectric overboots should be replaced by tested and certified electrically insulating footwear. The compounds and processes used in the manufacture of the boots are specialized. Under no circumstances should uncertified footwear be used for live working or situations where the wearer has the risk of being exposed to live electric currents or electric fields.

DECLARATION OF CONFORMITY

The Declaration of Conformity for the Workmaster™ Dielectric Compact Overboots can be downloaded from: www.workmasterboots.com/DOC

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by RESPIREX

www.workmasterboots.com

RESPIREX™

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