



U GROUP SRL
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REV. 27/05/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI10384 LAND UK S3 SRC CI ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "B"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,3524



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Carbon Neutral safety shoes which meet the eco-sustainable requirements and respect for the environment, **guaranteeing zero CO2 emissions.**

Land UK is a **high-top safety shoe** made from **renewable sources** and with **recycled materials** to achieve **zero CO2 emissions** while maintaining comfort, safety and all the quality of the U-Power brand.

Eco-friendly safety shoes which have an **ultra-lightweight AirToe Composite toe cap** to protect the toes and a **Save&Flex Plus Green anti-puncture system** that is totally **"Metal Free"**, made from **59% recycled materials.**

Land UK is a **safety shoe** in protection class **S3 CI SRC ESD** with an upper in Putek® Spider Repet made from a high percentage of **recycled material** and excellent **scuff resistance.**

WingTex® Green **lining with breathable air tunnel** made from **66% recycled materials.**

Anatomic, antibacterial, anti-static and **self-modelling WOW2 Green footbed** in **PU by BASF** which ensures long-lasting well-being and comfort.

Scuff resistant, oil resistant, **anti-slip** and anti-static **PU sole by BASF**, obtained from **100% renewable sources.**

Eco-sustainable safety shoes ideal for: logistics, industry, automotive and assembly lines.

SAFETY TOE CAP "AirToe Composite"

Impact resistance. Free heights after collision mm
Compressive strength. Free heights after compr. mm

INSOLE "Save & Flex PLUS® Green, anti-puncture, "no metal" insole containing 59% recycled material"

Puncture resistance N

ELECTRICAL RESISTANCE CATEGORY

Environmental class 1 - 12% humidity

Environmental class 2 - 25% humidity

Environmental class 3 - 50% humidity

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

Water transmitted after 60'

Permeability to water vapor mg/(cm² h)

Permeability coefficient mg/cm²

VAMP LINING

Permeability to water vapor mg/(cm² h)

Permeability coefficient mg/cm²

Resistance to abrasion - DRY cycles

Resistance to abrasion - WET cycles

INSOLE

Abrasion resistance

SOLE WEAR

Abrasion resistance (volume loss) mm³

Bending resistance mm

Resistance to sole / midsole detachment N/mm

Hydrocarbons resistance (% volume variation)

Heel energy absorption J

Adherence coef. with EN 13207 SRB method

Adherence coef. with EN 13207 SRA method

20345:2011

RESULT

≥ 14

19,5

≥ 14

20,5

≥ 1100

Compliant

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

10⁵ Ω e 10⁹ Ω (0,1 MΩ a 100 MΩ)

< 10⁸ Ohm

≤ 30%

7,0

≤ 0.2 gr

0,01

≥ 0.8

16

≥ 15

120

≥ 2

15.6

≥ 20

125

25600 cycles

No hole

12800 cycles

No hole

≥ 400 cycles

No damage

≤ 150

63

≤ 4

0

≥ 3

5,0

≤ 12

6,1

≥ 20

28

≥ 0.18

0,29

≥ 0.32

0,33