



U GROUP SRL
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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI20324 NATURAL UK S3 SRC CI ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,135



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Comfortable, light safety footwear with zero CO2 emissions that uses raw materials taken from recycled materials and from materials obtained from renewable sources, in respect of the environment and eco-sustainability.

U-Power Green shoes from the Red Industry Green range are Carbon Neutral and promote climate neutrality, whilst maintaining a high level of protection and comfort, with the recognised quality of the U-Power name.

The soft, micro-fibre upper uses a high percentage of recycled materials, as does the Wingtex® Green air tunnel inner lining. Whilst the anti-slip, oil resistant, ESD and anti-puncture sole and the anatomic, self-moulding, anti-bacterial, anti-static WOW2 Green insole are 100% made from materials obtained from renewable sources and ensure high grip and prolonged comfort.

The toe is protected by the ultra-light AirToe Composite toe cap weighing just 50 gr whilst the Save & Flex Plus Green system, which uses 59% recycled material, guarantees 100% protection across the entire footbed.

This ecological safety footwear complies with the standards laid out by the S3 CI SRC ESD protection class and these eco-friendly shoes are ideal for winter and in logistics, automotive, assembly line and industrial working conditions.

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
10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
≤ 30%	5.3
≤ 0.2 gr	0
≥ 0.8	1.5
≥ 15	15.1
≥ 2	96.3
≥ 20	770.5
25600 cycles	No hole
12800 cycles	No hole
≥ 400 cycles	No damage
≤ 150	61
≤ 4	0
≥ 3	5,0
≤ 12	8,4
≥ 20	28
≥ 0.18	0,29
≥ 0.32	0,33