



U GROUP SRL
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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI20334 ISLAND UK S3 SRC CI ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,14



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Carbon Neutral work shoes that uphold the criteria of eco-sustainability and respect for the environment, guaranteeing zero CO2 emissions.

U-Power Green shoes use recycled materials and materials obtained from renewable sources to achieve climate neutrality whilst maintaining a high level of comfort and safety for the worker with the recognised quality of the U-Power name.

This light and comfortable safety footwear from the Red Industry Green range complies with the standards laid out by the S3 CI SRC ESD protection class. The footwear has a Putek® Spider Repet upper which contains a high percentage of recycled material and which is highly resistant to abrasion.

Eco-bio footwear and Save & Flex Plus Green anti-puncture system, completely "Metal Free" containing 59% recycled material and ultra-light AirToe Composite toe cap which weighs just 50 gr. Anti-bacterial, anatomic, ESD and self-moulding WOW2 Green insole in BASF PU 100% obtained from renewable sources which accommodates the foot with a pleasant sensation of comfort and lightness, for guaranteed well-being throughout the day.

Highly breathable Wingtex Green air tunnel lining which uses 66% recycled material.

The sole is abrasion resistant, oil resistant, anti-slip and ESD and is made with BASF PU 100% obtained from renewable sources.

Eco-friendly shoes for work situations where the requirement demands high resistance to abrasion in industrial, assembly line, automotive and logistics environments.

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%	7,0
≤ 0.2 gr	0,01
≥ 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