



U GROUP SRL
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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI20346 CANYON UK S1P SRC ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,12



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Safety shoes with zero CO2 emissions that use recycled materials and materials obtained from renewable sources to achieve climate neutrality. U-Power Green shoes meet the twin needs of respecting the environment and paying attention to the product's eco-sustainability by using recycled materials and materials obtained from renewable sources, ensuring the safety of the worker and the recognised quality of the U-Power name.

This safety footwear, in S1P SRC ESD protection class, features a soft suede microfibre upper with breathable inserts and highly breathable Wingtex Green inner lining, both containing a high percentage of recycled material.

Light and comfortable work shoes from the Red Industry Green range with ultra-light AirToe Composite toe cap which weighs just 50 gr and Save & Flex Plus Green anti-puncture system, completely "Metal Free" and containing 59% recycled material.

Comfort is guaranteed by the anatomic, anti-bacterial, ESD WOW2 Green insole made in BASF PU 100% obtained from renewable sources that accommodates the foot with a sensation of comfort and lightness, for a prolonged sense of well-being throughout the day.

The sole in BASF PU is also 100% obtained from renewable sources and is abrasion resistant, oil resistant, anti-slip and anti-static.

Safety shoes for working in industrial, logistics, assembly line and automotive 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, "non 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%	N.A.
≤ 0.2 gr	N.A.
≥ 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