



U GROUP SRL
Via Borgomanero n° 1
28040 Paruzzaro (NO)

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REV. 11/11/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RU20124 SCUDO S3S CI FO SR ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "B"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,302



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Red UP Safety Shoes, with AirToe Aluminium and Save&Flex PLUS anti-perforation system, designed to guarantee a prolonged well-being of the foot. Lightweight, comfortable, with high abrasion resistance upper in PUTEK® PLUS, closure with laces and padded nylon bellows to ensure long lasting comfort. These work shoes are able to guarantee comfort and lightness thanks to the sole with the innovative PU/PU High Rebound Elastopan from Basf system. This shoe is suitable for use in humid environments, transport and logistics, the tertiary sector and services.

SAFETY TOE CAP "AirToe Aluminium"

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

≥ 14
≥ 14

20345:2022

RESULT

17,5
15,0

INSOLE "Save & Flex PLUS® , pierce resistant "non metal""

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

< 10⁹ Ω

Compliant

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

≤ 30%

20

Water transmitted after 60'

≤ 0,2 gr

0

Permeability to water vapor mg/(cm² h)

≥ 0,8

4,8

Permeability coefficient mg/cm²

≥ 15

40,7

VAMP LINING

Permeability to water vapor mg/(cm² h)

≥ 2

23,7

Permeability coefficient mg/cm²

≥ 20

189,7

Resistance to abrasion - DRY cycles

25.600 cycles

Compliant

Resistance to abrasion - WET cycles

12.800 cycles

Compliant

INSOLE

Abrasion resistance

≥ 400 cycles

No damage

SOLE WEAR

Abrasion resistance (volume loss) mm³

≤ 150

61

Bending resistance mm

≤ 4

1,0

Resistance to sole / midsole detachment N/mm

≥ 3

4,2

Hydrocarbons resistance (% volume variation)

≤ 12

3

Heel energy absorption J

≥ 20

28

SLIP RESISTANCE

Slip resistance on ceramic with NaLS (forward heel 7°)

≥ 0,31

0,41

Slip resistance on ceramic with NaLS (backward forepart 7°)

≥ 0,36

0,38

SR-Slip resistance on ceramic with glycerin (forward heel 7°)

≥ 0,19

0,27

SR-Slip resistance on ceramic with glycerin (backward forepart 7°)

≥ 0,22

0,24