



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

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REV. 11/11/2024

DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES



RE20084 STINGER ESD S3S CI HI HRO FO
SR
FiberToe
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 0,980

DESCRIPTION

The Stinger work shoe merges durability and comfort in a modern design. Its **Putek Hexagon upper**, both **water-repellent** and **abrasion-resistant**, offers lasting protection and **breathability**. The **Fibertoe toe cap** provides **all-day safety**, while the ultra-light puncture-resistant insole prevents perforation without sacrificing comfort. An **EVA + light blue rubber outsole** delivers **excellent traction** and a touch of style. Completely **metal free**, Stinger is an ideal choice for those seeking elevated performance.

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

SAFETY TOE CAP "FiberToe"

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

≥ 14

≥ 14

20345:2022

RESULT

17,0

18,5

INSOLE "Ultra-light puncture-resistant insole"

Puncture resistance N

≥ 1100

Compliant

ELECTRICAL RESISTANCE CATEGORY

< 10⁹ Ω

Compliant

UPPER DYNAMIC WATERPROOFING AFTER 60'

Water absorption after 60'

≤ 30%

15,4

Water transmitted after 60'

≤ 0,2 gr

0,13

Permeability to water vapor mg/(cm² h)

≥ 0,8

2,1

Permeability coefficient mg/cm²

≥ 15

20,4

VAMP LINING

Permeability to water vapor mg/(cm² h)

≥ 2

77,5

Permeability coefficient mg/cm²

≥ 20

620,2

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

139

Bending resistance mm

≤ 4

2,8

Resistance to sole / midsole detachment N/mm

≥ 3

35

Hydrocarbons resistance (% volume variation)

≤ 12

N.A.

Heel energy absorption J

≥ 20

35

SLIP RESISTANCE

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

≥ 0,31

0,45

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

≥ 0,36

0,41

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

≥ 0,19

0,29

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

≥ 0,22

0,21