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DATA SHEET

PRODUCT PICTURE

RANGES

TECHNOLOGIES

RI10414 PANAMA S3 SRC CI ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "B"
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,3



DESCRIPTION

TECHNICAL SPECIFICATIONS

EN ISO STANDARD

VALUE

Panama is a comfortable style of **high-cut safety shoe** with upper in **PU TEK STAR®** which is highly **resistant to abrasion, water repellent** and **breathable**.

These **safety shoes** use the **BOA® Fit System** which delivers micro-adjustable, precision fit engineered to perform in the toughest conditions.

The **AirToe Composite toe cap** keeps the shoes light (it only weighs 50g) and protects the tip of the foot. Safety is also guaranteed by the **Save&Flex Plus® anti-puncture system**, which protects the foot against the risk of the shoe being punctured by nails or splinters.

The **Panama style safety shoe**, in standard protection **S3 CI SRC ESD**, have special **protection against the cold built into the sole** and guarantee **high breathability** and well-being thanks to the **Wingtex® lining with air tunnel**.

Comfort is ensured by the **anti-fatigue, self-modelling WOW2 insole cover** which evenly distributes body weight and, thanks to the anti-fatigue insert, is able to alleviate the stress resulting from long days on your feet.

Safety shoes with **anti-slip, abrasion resistant, oil resistant** and **anti-static soles**.

Panama is the ideal **safety shoe** for: **process workers, gas station operators, carpenters, craftsmen and women, builders, joiners, plumbers, warehouse workers, transport and logistics workers, mechanics, tyre repairers, painters, electricians**.

SAFETY TOE CAP "AirToe Composite"

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

INSOLE "Save&Flex Plus®"

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
Impact resistance. Free heights after collision mm	≥ 14	16
Compressive strength. Free heights after compr. mm	≥ 14	14.5
Puncture resistance N	≥ 1100	Compliant
Environmental class 1 - 12% humidity	10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
Environmental class 2 - 25% humidity	10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
Environmental class 3 - 50% humidity	10 ⁵ Ω e 10 ⁹ Ω (0,1 MΩ a 100 MΩ)	< 10 ⁸ Ohm
Water absorption after 60'	≤ 30%	3,0
Water transmitted after 60'	≤ 0.2 gr	0
Permeability to water vapor mg/(cm ² h)	≥ 0.8	20,2
Permeability coefficient mg/cm ²	≥ 15	163,1
Permeability to water vapor mg/(cm ² h)	≥ 2	55,7
Permeability coefficient mg/cm ²	≥ 20	445,8
Resistance to abrasion - DRY cycles	25600 cycles	No hole
Resistance to abrasion - WET cycles	12800 cycles	No hole
Abrasion resistance	≥ 400 cycles	No damage
Abrasion resistance (volume loss) mm ³	≤ 150	47
Bending resistance mm	≤ 4	3,2
Resistance to sole / midsole detachment N/mm	≥ 3	4,1
Hydrocarbons resistance (% volume variation)	≤ 12	2,9
Heel energy absorption J	≥ 20	45
Adherence coef. with EN 13207 SRB method	≥ 0.18	0,44
Adherence coef. with EN 13207 SRA method	≥ 0.32	0,45