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REV. 27/05/2024

DATA SHEET

RV20014 MATT S3 SRC CI ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE “A”
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,16

PRODUCT PICTURE

RANGES

RED LEVE

TECHNOLOGIES

ESD · wingtex · Save&Flex air · Airtoe ALUMINIUM · Natural CONFORT 11 · U-POWER ORIGINAL · BASF

DESCRIPTION

Lightweight safety shoes with **AirToe Aluminium toecap** and **sole** made with an **ultra light** innovative new generation PU compound that significantly reduces the weight of the shoe.

The lightness of this **safety shoe** allows for greater freedom of movement, greater energy and better performance.

Safety shoes for **women** and **men**, with upper in PUTEK® star **highly resistant to abrasion**, **water repellent** and **breathable**. Toe protection with **abrasion-resistant scuff cap**.

Breathable shoes with **no-slip**, **anti-static**, **oil-resistant** and **abrasion-resistant sole** with **innovative ultralight puncture-resistant textile insole**, ideal for: **craftsmen**, **electricians**, **carpenters**, **warehouse workers**, and the **logistics and transport sectors**.

Comfort and well-being guaranteed by the **Wingtex** breathable air tunnel **lining** and the **U-Power Original** insole in light polyurethane compound soft polyurethane, **anatomical**, **breathable** and **antibacterial**.

S3 SRC CI ESD protection class **safety shoes** which offer special protection of the sole from the cold.

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP “AirToe Aluminium”	**20345:2011**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	19,0
Compressive strength. Free heights after compr. mm	≥ 14	19,5
INSOLE “Save & Flex Air”		
Puncture resistance N	≥ 1100	Compliant
ELECTRICAL RESISTANCE CATEGORY		
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
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤ 30%	8.0
Water transmitted after 60'	≤ 0.2 gr	0
Permeability to water vapor mg/(cm^2 h)	≥ 0.8	10.2
Permeability coefficient mg/cm^2	≥ 15	82.9
VAMP LINING		
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
INSOLE		
Abrasion resistance	≥ 400 cycles	No damage
SOLE WEAR		
Abrasion resistance (volume loss) mm^3	≤ 150	37
Bending resistance mm	≤ 4	0,8
Resistance to sole / midsole detachment N/mm	≥ 3	N.A.
Hydrocarbons resistance (% volume variation)	≤ 12	2,1
Heel energy absorption J	≥ 20	26
Adherence coef. with EN 13207 SRB method	≥ 0.18	0,28
Adherence coef. with EN 13207 SRA method	≥ 0.32	0,38