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REV. 27/05/2024

DATA SHEET

RV20024 BEN S3 SRC CI ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE “A”
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,0479

PRODUCT PICTURE

RANGES

RED LEVE

TECHNOLOGIES

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

DESCRIPTION

S3 SRC CI ESD protection class **water-repellent safety shoes** with soft nubuck-effect microfibre.

These **low-cut safety shoes**, with a lightweight **AirToe Aluminium toecap**, feature a new generation ultra-light PU compound sole that is **abrasion-resistant**, **oil-resistant**, **non-slip** and **anti-static**.

The brand new perforation-resistant system, consisting of a **puncture-resistant textile insole**, makes this style of **safety shoes lighter than traditional models**. In fact, the use of highly innovative materials for the construction of the sole and the perforation-resistant system, together with the **aluminium toecap** have allowed a **considerable reduction in the overall weight of work footwear** to the benefit of worker’s wellness and performance.

Safety shoes with special protection of the sole from the cold, ideal for: **electricians**, **carpenters**, **craftsmen**, **warehouse workers**, and the **transport and logistics sectors**.

Foot comfort and health guaranteed by the **U-Power Original insole** in lightweight, **comfortable** and **breathable** polyurethane compound, and the **air tunnel lining** that ensures air circulation.

Safety shoes suitable for **men and women**.

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%	15.7
Water transmitted after 60'	≤ 0.2 gr	0
Permeability to water vapor mg/(cm^2 h)	≥ 0.8	1.5
Permeability coefficient mg/cm^2	≥ 15	15.1
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥ 2	96.3
Permeability coefficient mg/cm^2	≥ 20	770.5
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