U GROUP SRL
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28040 Paruzzaro (NO)

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REV. 11/11/2024

DATA SHEET

RV20014 MATT ESD S3S CI FO SR
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,080

PRODUCT PICTURE



RANGES

RED LEVE

TECHNOLOGIES

ESD
PU Tek PLUS HYPERTEX technology
wingtex
Save&Flex air
Natural CONFORT 11
Airtoe ALUMINIUM
U-POWER ORIGINAL
Made with Infinergy® – the E-TPU from BASF We create chemistry

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**.

Safety shoes which offer special protection of the sole from the cold.

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Aluminium"	**20345:2022**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	18,0
Compressive strength. Free heights after compr. mm	≥ 14	18,5
INSOLE "Save & Flex Air"		
Puncture resistance N	≥ 1100	Compliant
ELECTRICAL RESISTANCE CATEGORY	< 10^9 Ω	Compliant
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	96,3
Permeability coefficient mg/cm^2	≥ 20	770,5
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) mm^3	≤ 150	37
Bending resistance mm	≤ 4	0,8
Resistance to sole / midsole detachment N/mm	≥ 3	4,1
Hydrocarbons resistance (% volume variation)	≤ 12	2,1
Heel energy absorption J	≥ 20	33
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	0,42
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥ 0,19	0,30
SR-Slip resistance on ceramic with glycerin (backward forepart 7°)	≥ 0,22	0,27