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

LEGAL DATA:
C.F e Reg.Imp.Novara:02041920030
CCIAA Novara REA: 211799
P.IVA: IT02041920030
Codice Export: No015724
Cap.Soc.: 119.000 Iv

CONTACTS:
WEBSITE: www.u-power.it/it
EMAIL: info@u-power.it
TEL: +39 0322 53 94 01
FAX: +39 0322 23 00 01

REV. 27/05/2024

DATA SHEET

RV20116 SCOTT S1P SRC ESD
Natural Confort 11 Mondopoint
AirToe Aluminium
SHOE TYPE “A”
SIZE RANGE 35-48
Size tested: 42 - WEIGHT Kg 1,0901

PRODUCT PICTURE

RANGES

RED LEVEL

TECHNOLOGIES

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

DESCRIPTION

S1P SRC ESD protection class **low-heeled safety shoes** with ultra-breathable nylon upper and **abrasion-resistant scuff cap on the toe**, with tone-on-tone effect.

Ultra-light safety shoes that feature an **innovative tread** obtained with a new generation PU compound, and a brand new **puncture-resistant textile insole** to protect the sole of the foot, both **super light** and which greatly reduce the overall weight of the shoe without compromising **safety** and **comfort**.

Non-slip footwear with **anti-static**, **oil-resistant** and **abrasion-resistant sole**. **AirToe Aluminium toecap**, **self-modelling**, **anatomical** and **antibacterial insole** and **WingTex air tunnel lining** that ensures moisture absorption and dispersion.

Summer safety footwear, suitable for both **men and women**, ideal for use in a dry environment and, in particular for: **warehouse workers**, **transport and logistics** sectors, **carpenters**, **electricians** and **craftsmen** in general.

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%	N.A.
Water transmitted after 60'	≤ 0.2 gr	N.A.
Permeability to water vapor mg/(cm^2 h)	≥ 0.8	3.5
Permeability coefficient mg/cm^2	≥ 15	35.1
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