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DATA SHEET

RI20036 REFLEX S1P SRC ESD
Natural Confort 11
AirToe Composite
SHOE TYPE "A"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,15

PRODUCT PICTURE



RANGES

RED INDUSTRY

TECHNOLOGIES

ESD, Save & Flex plus, Seam Less, Natural Confort 11, Airtoe Composite, Metal Free 100%, WOW2, BASF, Seconol

DESCRIPTION

Lightweight safety shoes with upper **in** soft **perforated suede** and mesh inserts and WingTex **inner lining** with **air channels** for **greater breathability**.

Reflex is a style of **low-cut work shoes** with a **composite toe cap** and a Save & Flex Plus **anti-perforation system** in fabric directly sewn onto the upper for 100% protection of the sole of the foot.

Safety shoes in **S1P SRC ESD** standard protection with PU/PU sole with **abrasion-resistance**, **oil-resistant**, **anti-slip** and **anti-static** protection.

Comfortable safety footwears with WOW2 **anatomic insole** with **anti-fatigue** effect consisting of a self-modelling arch-shaped structure and an insert capable of relieving body stress, ideal when you have to work standing up for a long time.

Work shoes suitable for **builders**, **electricians**, **plumbers**, **gardeners** and **farmers**, **painters**, **mechanics** and **tyre repairers**, **transport** and **logistics**, **warehouse workers**, **carpenters**, **joinerss**, **process workers**, **gas station operators**, **welders** and **craftsmen**.

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Composite"	**20345:2011**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	16,0
Compressive strength. Free heights after compr. mm	≥ 14	14,0
INSOLE "Save & Flex® PLUS"		
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	10,7
Permeability coefficient mg/cm^2	≥ 15	93,2
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	47
Bending resistance mm	≤ 4	3,2
Resistance to sole / midsole detachment N/mm	≥ 3	5,5
Hydrocarbons resistance (% volume variation)	≤ 12	2,9
Heel energy absorption J	≥ 20	39,0
Adherence coef. with EN 13207 SRB method	≥ 0.18	0,44
Adherence coef. with EN 13207 SRA method	≥ 0.32	0,45