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

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REV. 11/11/2024

DATA SHEET

RK10104 MORRISON S3S CI FO SR ESD
Natural Confort 11 Mondopoint
Compotoe
SHOE TYPE "B"
SIZE RANGE 35-48 (UK: 2-13)
Size tested: 42 - WEIGHT Kg 1,082

PRODUCT PICTURE



RANGES

REDSMART

TECHNOLOGIES

ESD · PU Tek PLUS HYPERTEX technology · Save Flex plus · wingtex · Compo toe · METAL FREE 100% · Natural CONFORT 11 · Secosol

DESCRIPTION

High-top, highly **anti-scuff safety work shoes** with polyurethane reinforcement tip. Putek Plus upper and **ultra-breathable** WingTex air tunnel **lining** for **long-lasting well-being**.

Non-slip shoe with compact PU outsole and **oil-resistant**, **abrasion-resistant** and **anti-static** sole.

Morrison is a fully "**Metal Free**" **safety shoe** style with a **composite toecap** and Save & Flex Plus **anti-perforation system** sewn directly into the upper for **100% protection** of the surface of the foot.

Safety shoes with **cold** weather **protection** of the sole (for temp. ≤ 10 °C.) which makes them ideal for cold, damp environments, especially for **mechanical engineering**, the **haulage** and **logistics** sector, **paper mill workers**, **electricians**, **carpenters**, **craftsmen** generally, **warehouse workers** and the **automotive** sector.

Comfort and well-being are guaranteed by the **New ErgoDry** insole designed to follow the contours of the foot, which is also **washable**, **breathable**, **anti-scuff**, **non-slip**, **anti-bacterial** and **anti-static**.

Men's and **women's work footwear**.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "Compotoe"	**20345:2022**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	19,0
Compressive strength. Free heights after compr. mm	≥ 14	21,5
INSOLE "Save & Flex Plus"		
Puncture resistance N	≥ 1100	Compliant
ELECTRICAL RESISTANCE CATEGORY	< 10^9 Ω	Compliant
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤ 30%	6
Water transmitted after 60'	≤ 0,2 gr	0
Permeability to water vapor mg/(cm^2 h)	≥ 0,8	2,8
Permeability coefficient mg/cm^2	≥ 15	22,8
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥ 2	23,7
Permeability coefficient mg/cm^2	≥ 20	189,7
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	114
Bending resistance mm	≤ 4	0,6
Resistance to sole / midsole detachment N/mm	≥ 3	3,6
Hydrocarbons resistance (% volume variation)	≤ 12	0,9
Heel energy absorption J	≥ 20	29
SLIP RESISTANCE		
Slip resistance on ceramic with NaLS (forward heel 7°)	≥ 0,31	0,49
Slip resistance on ceramic with NaLS (backward forepart 7°)	≥ 0,36	0,47
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥ 0,19	0,45
SR-Slip resistance on ceramic with glycerin (backward forepart 7°)	≥ 0,22	0,43