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REV. 11/11/2024

DATA SHEET

RL10356 HARD S3S CI FO SR ESD
Natural Confort 11 Mondopoint®
AirToe Aluminium
SHOE TYPE "B"
SIZE RANGE 38-48 (UK: 5-13)
Size tested: 42 - WEIGHT Kg 1,3088

PRODUCT PICTURE



RANGES

RED LION

TECHNOLOGIES

ESD · Infinergy · Save&Flex plus · wingtex · Airtoe Aluminium · Natural Confort 11 · Nickel Free · PU Tek PLUS HYPERTEX technology · U-POWER ORIGINAL · Secosol

DESCRIPTION

RedLion Safety Shoes, with AirToe Aluminium and Save&Flex PLUS anti-perforation system, designed to guarantee a high comfort of the fit. High, light, with water-repellent upper in Putek PLUS® highly resistant to abrasion, closure with laces and bellows in padded nylon to ensure a prolonged well-being of the foot. These work shoes are able to guarantee comfort and lightness thanks to the sole with the innovative Infinergy® system and to the expanded PU midsole. The multi-functional heel and the compact PU tread provide grip, security and stability of posture. This shoe is suitable for use in humid environments, transport and logistics, the tertiary sector and services.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	EN ISO STANDARD	VALUE
SAFETY TOE CAP "AirToe Aluminium"	**20345:2022**	**RESULT**
Impact resistance. Free heights after collision mm	≥ 14	16,5
Compressive strength. Free heights after compr. mm	≥ 14	14,5
INSOLE "Save & Flex PLUS®, pierce resistant "non metal""		
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	≤ 250	77
Bending resistance mm	≤ 4	3,2
Resistance to sole / midsole detachment N/mm	≥ 3	3,4
Hydrocarbons resistance (% volume variation)	≤ 12	11,6
Heel energy absorption J	≥ 20	36
SLIP RESISTANCE		
Slip resistance on ceramic with NaLS (forward heel 7°)	≥ 0,31	0,42
Slip resistance on ceramic with NaLS (backward forepart 7°)	≥ 0,36	0,36
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥ 0,19	0,31
SR-Slip resistance on ceramic with glycerin (backward forepart 7°)	≥ 0,22	0,28