U GROUP SRL
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LEGAL DATA:
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CCIAA Novara REA: 211799
VAT: IT02041920030
Export Code: No015724
Share Capital: 119.000 Iv

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REV.
20/10/2026

TECHNICAL SHEET

0UT20124 - AIKO ESD

S3S CI LG FO SR
Natural Confort 11-12-13 Mondopoint
FiberToe
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
WEIGHT 1465g
SIZES 35-49 (UK: 2-13,5)

PRODUCT PHOTO



LINES

REDFIT

TECHNOLOGIES

ESD · Infinergy · SaveFlex plus · METAL FREE · Fibertoe · Natural CONFORT 11 · NICKEL FREE

DESCRIPTION

Aiko is a **safety shoe** by U-Power, designed to combine safety, comfort and a modern design. Made of **fine natural Nubuck leather**, these shoes provide **softness**, **resistance** and **impeccable** style for all types of work. The **FiberToe toe cap protects the foot from impacts** guaranteeing a sensation of extreme lightness, while the **Save & Flex® PLUS anti-perforation insole** ensures freedom of movement and maximum protection against sharp objects. The PU/PU Infinergy® **sole returns energy at every step**, limiting fatigue during the most intense days. Aiko has **three U-Power original interchangeable insoles** that allow you to choose the ideal fit for your own personalised comfort. Perfect for light work environments, manufacturing, logistics and services, this low-cut work footwear has a signature versatile and modern design that makes it ideal for anyone who wants a professional, dynamic and smart look in any work situation.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	NORM EN ISO	VALUE
	EN ISO 20345:2022+A1:2024	
SAFETY TOE CAP		
Impact resistance. Free heights after collision mm	≥14	**15,5**
Compressive strength. Free heights after compr. mm	≥14	**20,5**
ANTI-PERFORATION INSERT		
Puncture resistance	≥1100N	**Compliant**
ELECTRICAL RESISTANCE OF THE SHOE		
Measurement result	$<10^9$ohm	**Compliant**
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Water absorption after 60'	≤30%	**4,5**
Water transmitted after 60'	≤0,2 gr	**0,00**
Permeability to water vapor mg/(cm^2 h)	≥0,8	**5,2**
Permeability coefficient mg/cm^2	≥15	**47,2**
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥2	**77,5**
Permeability coefficient mg/cm^2	≥20	**620,2**
Resistance to abrasion	12800/25600 cycles	**No hole**
SOLE WEAR		
Abrasion resistance (volume loss) mm^3	≤150	**0,96**
Resistance to sole / midsole detachment N/mm	≥3	**3,4**
Heel energy absorption J	≥20	**47**
SLIP RESISTANCE		
On ceramic with NaLS (forward heel 7°)	≥0,31	**0,42**
On ceramic with NaLS (backward heel 7°)	≥0,32	**0,41**
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥0,19	**0,30**
SR-Slip resistance on ceramic with glycerin (backward heel 7°)	≥0,22	**0,34**