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

LEGAL DATA:
Tax Code and Reg.Imp.Novara: 02041920030
CCIAA Novara REA: 211799
VAT: IT02041920030
Export Code: No015724
Share Capital: 119.000 Iv

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

REV.
31/07/2026

TECHNICAL SHEET

0RT20144 - UMBER ESD

S3S CI HI HRO FO SR
Natural Confort 11 Mondopoint®
NanoFiber Toe Cap, ultralight, metal free.
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
SIZES 35-48

PRODUCT PHOTO

LINES

RED STRATOS

TECHNOLOGIES

ESD · Mondopoint Natural Confort 11 · METAL FREE · PU Tek STAR HYPERTEX technology · Nanofiber · BOA Dial-in Precision Fit · SaveFlex air · Natural Confort 11 · NICKEL FREE

DESCRIPTION

Umber is a professional S3S CI HI HRO FO SR class safety shoe, designed to ensure maximum safety at work with electrostatic discharge protection, cold insulation and a high-grip sole. Equipped with an anti-puncture toe cap and lamina, an oil and abrasion resistant non-slip sole and breathable technical materials, it ensures comfort, durability and stability in industrial, logistics and service environments. Anatomical shape and ergonomically supportive lining make Umber ideal for those who work long hours on their feet.

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	**16,0**
Compressive strength. Free heights after compr. mm	≥14	**17,0**
ANTI-PERFORATION INSERT		
Puncture resistance	≥1100N	**Compliant**
ELECTRICAL RESISTANCE OF THE SHOE		
Measurement result	$<10^9$ohm	**Compliant**
UPPER DYNAMIC WATERPROOFING AFTER 60'		
Permeability to water vapor mg/(cm^2 h)	≥0,8	**19,2**
Permeability coefficient mg/cm^2	≥15	**154,3**
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥2	**19,2**
Permeability coefficient mg/cm^2	≥20	**154,3**
Resistance to abrasion	12800/25600 cycles	**No hole**
SOLE WEAR		
Abrasion resistance (volume loss) mm^3	≤150	**79**
Bending resistance mm	≤4	**1.0**
Resistance to sole / midsole detachment N/mm	≥3	**4.3**
Heel energy absorption J	≥20	**33**
SLIP RESISTANCE		
On ceramic with NaLS (forward heel 7°)	≥0,31	**0.38**
On ceramic with NaLS (backward heel 7°)	≥0,32	**0.43**
SR-Slip resistance on ceramic with glycerin (forward heel 7°)	≥0,19	**0.26**
SR-Slip resistance on ceramic with glycerin (backward heel 7°)	≥0,22	**0.29**