U GROUP SRL
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LEGAL DATA:
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REV.
20/10/2026

TECHNICAL SHEET

0UT10114 - PEAK ESD

S3S CI LG FO SR
Natural Confort 11-12-13 Mondopoint
FiberToe
FOOTWEAR TYPE "B"
TEST REPORT SIZE 42
WEIGHT 1723g
SIZES 35-49 (UK: 2-13,5)

PRODUCT PHOTO



LINES

REDFIT

TECHNOLOGIES

DESCRIPTION

U-Power Peak **safety shoes** are **designed to ensure comfort**, **safety** and **strength** in the workplace. The **upper** is **made of fine, water repellent, pull-up leather**, that is soft and hard-wearing, **with** a sturdy **TPU support heel**, to ensure stability and protection even in the most difficult conditions. The **FiberToe toe cap** ensures maximum protection without foregoing lightness, while the **Save & Flex® PLUS anti-perforation insole** protects the foot against all risks of perforation plus flexibility and comfort throughout the working day. The PU/ PU Infinergy® **sole provides** excellent **cushioning**, **impact absorption** and a unique **return of energy**, thus reducing fatigue and improving posture. The **three interchangeable U-Power original insoles** add the finishing touch to this high-performance safety shoe, available in sizes 35 to 49.

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%	**3,7**
Water transmitted after 60'	≤0,2 gr	**0,00**
Permeability to water vapor mg/(cm^2 h)	≥0,8	**0,9**
Permeability coefficient mg/cm^2	≥15	**16,9**
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**