**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.**
**20/10/2026**

## TECHNICAL SHEET

### 0RT10174 - NYMERIA ESD

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

## PRODUCT PHOTO




## LINES

RED STRATOS

## TECHNOLOGIES

ESD · Natural Confort 11 · Metal Free · Nanofiber · SaveFlex air · Natural Confort 11 · U-Power · Nickel Free

## DESCRIPTION

The Nymeria ESD are safety shoes designed to combine technical safety with everyday comfort. Made of soft, tumbled black nubuck leather, they offer a balance of robustness and comfort for long hours at work. With protection class S3S CI HI HRO FO SR, they provide comprehensive protection against impact, punctures, cold, heat and slips, while the ESD construction reduces the risk of electrostatic discharge. These shoes are ideal for industries, logistics and technical sectors that require safety, durability and extended comfort at work.

## TECHNICAL SPECIFICATIONS

| TECHNICAL SPECIFICATIONS | NORM EN ISO<br>EN ISO 20345:2022+A1:2024 | VALUE |
|---|---|---|
| **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'** | | |
| Water absorption after 60' | ≤30% | **2,9** |
| Water transmitted after 60' | ≤0,2 gr | **0,0** |
| **VAMP LINING** | | |
| Permeability to water vapor mg/(cm^2 h) | ≥2 | **24,6** |
| Permeability coefficient mg/cm^2 | ≥20 | **198,8** |
| 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** |