U GROUP SRL
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28040 Paruzzaro (NO)

LEGAL DATA:
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CCIAA Novara REA: 211799
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Share Capital: 119.000 Iv

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REV.
20/10/2026

TECHNICAL SHEET

0RT20076 - BRIENNE ESD

S1PS HI HRO FO SR
Natural Confort 11 Mondopoint®
NanoFiber Toe Cap, ultralight, metal free.
FOOTWEAR TYPE "A"
TEST REPORT SIZE 42
WEIGHT 825g
SIZES 35-42

PRODUCT PHOTO



LINES

RED STRATOS

TECHNOLOGIES

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

DESCRIPTION

The Brienne from the Red Stratos range are low-cut safety shoes, light and breathable, ideal for those who work long hours even in hot weather. With protection class S1PS HI HRO FO ESD SR, they offer an ultra-lightweight NanoFiber toecap, metal-free perforation protection and a stretchable U-Knit upper for ergonomics and ventilation. The high-grip, heat- and oil-resistant outsole ensures stability on demanding surfaces, while the breathable lining and anatomically shaped U-Power Original footbed provide extended comfort.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	NORM EN ISO 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%	**N/A**
Water transmitted after 60'	≤0,2 gr	**N/A**
VAMP LINING		
Permeability to water vapor mg/(cm^2 h)	≥2	**7,9**
Permeability coefficient mg/cm^2	≥20	**63,9**
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**