

exena.

STRATUS S1 PL FO SC SR ESD



DESCRIPTION	NORM EN ISO 20345:2022 + A1:2024	RESULT	REQUIREMENT
UPPER: Water-repellent fabric	5.4.3 Tear strength 5.4.6 Water vapor permeability Coefficient	122 N 15,7 mg/cm ² h 127,9 mg/cm ²	≥60 N ≥ 0,8 mg/cm ² h ≥ 15,0 mg/cm ²
VAMP LINING: Breathable, abrasion resistance.	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	42 N No holes No holes 139,2 mg/cm ² h 1113,9 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
QUARTER LINING: Breathable, abrasion resistance mesh	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	32 N No holes No holes 126,4 mg/cm ² h 1011,6 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/cm ² ≥20,0 mg/cm ²
COUNTER LINING:	5.5.2 Tear strength 5.5.3 Abrasion resistance (Wet) Abrasion resistance (Dry) 5.5.4 Water vapor permeability Coefficient	32 N No holes No holes 15,2 mg/cm ² h 122,6 mg/cm ²	≥ 15 N 25.600 cycles 51.200 cycles ≥ 2,0 mg/(cm ² h) ≥20,0 mg/cm ²
SAFETY TOE CAP: Fiberglass 200J	5.3.2.6 Impact resistance 5.3.2.7 Compression resistance	16,0 mm 16,0 mm	≥ 14 mm ≥ 14 mm

PIERCE-RESISTANCE: Class PL anti-perforation fabric	6.2.1.1.3 Resistance to perforation	PASS	Min.1100 N
FOOTBED: Removable, cushioned, antistatic insole.	5.7.4.2 Abrasion resistance (dry)	NO HOLES	25.600 cycles
	Abrasion resistance (wet)	NO HOLES	12.800 cycles
OUTSOLE: 3 density polyurethane with Etpu insert	5.8.3 Tear strength	8,4 kN/m	≥ 8 kN/m
	5.8.4 Abrasion resistance	77 mm ³	≤ 150 mm ³
	5.8.5 Flexing resistance	2,1 mm	≤ 4,0 mm
	5.8.6 Hydrolysis	2,5 mm	≤ 6,0 mm
	6.4.2 Oils resistance	1,3 %	≤ 12%
	6.2.10 Slip resistance on ceramic with glycerin (tilted towards the heel of 7°)	0,22	≥ 0,19
	(tilted towards the tip of 7°)	0,25	≥ 0,22
	5.3.5.2 Slip resistance on ceramic with cleaning agent (tilted towards the heel of 7°)	0,34	≥ 0,31
	(tilted towards the tip of 7°)	0,39	≥ 0,36
	6.2.2.2 Antistatic	dry: 51,8 MΩ wet: 5,87 MΩ	0,1 ÷ 1000 MΩ 0,1 ÷ 1000 MΩ

SIZES: 35 – 48

WEIGHT:

35	36	37	38	39	40	41	42	43	44	45	46	47	48
760	809	858	907	956	1005	1054	1103	-	-	-	-	-	-

Size	EAN code
35	9091000551358
36	9091000551365
37	9091000551372
38	9091000551389
39	9091000551396
40	9091000551402
41	9091000551419
42	9091000551426
43	-
44	-
45	-
46	-
47	-
48	-

CLIENTE *CUSTOMER*

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Descrizione campione	Calzatura di sicurezza art. BLAZER – ESD
<i>Sample description</i>	Safety footwear art. BLAZER – ESD



Data di emissione
Date of issue

21/05/2026

Responsabile Laboratorio Tecnologico
Technological Laboratory Manager
Andrea Boggio Marzet

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1. Oggetto della valutazione *Object of evaluation:*

Safety footwear art. BLAZER – ESD

2. Requisiti specifici *Specific requirements:*

- (¹) EN 61340-5-1:2024 Elettrostatica - Parte 5-1: Protezione di dispositivi elettronici dai fenomeni elettrostatici - Prescrizioni generali
Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements
- (²) EN IEC 61340-4-5:2018 Elettrostatica - Parte 4-5: Metodi di prova normalizzati per applicazioni Metodi per caratterizzare la protezione elettrostatica della combinazione di pavimentazioni e di calzature indossate da un operatore
Electrostatics - Part 4-5: Standard test methods for specific applications - Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person
- (³) EN IEC 61340-4-3:2018 Elettrostatica - Parte 4-3: Metodo di prova normalizzato per applicazioni specifiche - Calzature
Electrostatics - Part 4-3: Standard test methods for specific applications - Footwear

3. Lista di riscontro *Checklist:*

Requisito normativo <i>Standard requirement</i>		Prova <i>Test</i>		Rapporto di prova <i>Test report</i>	Eseguito <i>Performed</i>
5.3.3 (¹)	Messa a terra del personale <i>Personnel grounding</i>	6.3 (²)	Resistenza elettrica verso terra <i>Resistance to ground</i>	26-1092.7	☒
		6.4 (²)	Capacità di carica <i>Chargeability</i>	26-408.6	☒
		7 (³)	Resistenza elettrica <i>Electrical resistance</i>	26-408.6	☒

4. Note *Notes:* ---

TERMINI E CONDIZIONI TERMS AND CONDITIONS

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The content of this conformity review (ref. 7.1 ISO/IEC 17000:2020) refers only to the sample received and to the tests reported in the above-mentioned test report. This conformity review has no validity for approval, certification, supervision and/or control towards this or whatsoever product related. Where a translation of this document exists, the bilingual version (Italian and English) shall be considered as the authoritative text.