

Medium

## SAFETYBOY S1 P

Mid-cut leather safety boot for daily protection

Safety Jogger's SAFETYBOY shoes offer S1P protection, slip resistance, a steel toe cap and midsole, static sparks prevention, and customizable comfort. Ideal for automotive, mining, and construction industries.

|               |                                                                     |
|---------------|---------------------------------------------------------------------|
| Upper         | Barton Action Leather                                               |
| Lining        | Mesh                                                                |
| Footbed       | SJ Eco                                                              |
| Midsole       | Steel                                                               |
| Outsole       | PU                                                                  |
| Toecap        | Steel                                                               |
| Category      | S1 P / SR, FO                                                       |
| Size range    | EU 35-48 / UK 3.0-13.0 / US 3.0-13.5<br>JPN 21.5-31.5 / KOR 230-315 |
| Sample weight | 0.639 kg                                                            |
| Norms         | ASTM F2413:2018<br>EN ISO 20345:2022                                |



BLK



### SRC slip resistance

Slip resistant soles are one of the most important features of safety and occupational footwear. SRC slip resistant soles pass both SRA and SRB slip resistant tests, they are tested on both steel and ceramic surfaces.



### S1P

You work in dry environments, no risk of water/liquid sprays, and you need protection for your toes, protection against perforation, and a good breathability? Then you need S1P safety footwear.



### Steel toecap

Robust metal support to protect the feet of the wearer against falling or rolling objects.



### Steel midsole

Puncture resistant steel midsoles are made from stainless or coated steel and prevent sharp objects from penetrating the outsole.

Industries:

Automotive, Cleaning, Construction, Logistics, Mining, Oil & Gas, Industry

Environments:

Dry environment

Maintenance instructions:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

|         | Description                                                      | Measure unit | Result      | EN ISO 20345 |
|---------|------------------------------------------------------------------|--------------|-------------|--------------|
| Upper   | <b>Barton Action Leather</b>                                     |              |             |              |
|         | Upper: permeability to water vapor                               | mg/cm²/h     | 2.2         | ≥ 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm²       | 25          | ≥ 15         |
| Lining  | <b>Mesh</b>                                                      |              |             |              |
|         | Lining: permeability to water vapor                              | mg/cm²/h     | 65.7        | ≥ 2          |
|         | Lining: water vapor coefficient                                  | mg/cm²       | 525.8       | ≥ 20         |
| Footbed | <b>SJ Eco</b>                                                    |              |             |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles       | 25600/12800 | 25600/12800  |
| Outsole | <b>PU</b>                                                        |              |             |              |
|         | Outsole abrasion resistance (volume loss)                        | mm³          | 55          | ≤ 150        |
|         | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction     | 0.40        | ≥ 0.31       |
|         | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction     | 0.39        | ≥ 0.36       |
|         | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction     | 0.28        | ≥ 0.19       |
|         | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction     | 0.26        | ≥ 0.22       |
|         | Antistatic value                                                 | MegaOhm      | 270         | 0.1 - 1000   |
|         | ESD value                                                        | MegaOhm      | N/A         | 0.1 - 100    |
|         | Heel energy absorption                                           | J            | 26          | ≥ 20         |
| Toecap  | <b>Steel</b>                                                     |              |             |              |
|         | Impact resistance toecap (clearance after impact 100J)           | mm           | N/A         | N/A          |
|         | Compression resistance toecap (clearance after compression 10kN) | mm           | N/A         | N/A          |
|         | Impact resistance toecap (clearance after impact 200J)           | mm           | 16          | ≥ 14         |
|         | Compression resistance toecap (clearance after compression 15kN) | mm           | 17          | ≥ 14         |

Sample size: 42

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