



Light

## MILOS S1P MID S1 PS

MILOSS1PM

**Wide-fitting metal-free mid-cut trainer with reflective elements**

Light like space, strong like a rock. Our lightweight MILOS S1P safety sneakers are completely metal free, with a puncture-resistant midsole and a composite wide-fitting toe cap. They feature ESD, a slip-resistant rubber outsole, and a breathable upper. MILOS S1P has reflective elements and is suitable for light applications in dry environments.

|               |   |
|---------------|---|
| Upper         | Synthetic, Textile  |
| Lining        | Mesh  |
| Footbed       | SJ Memory foam footbed  |
| Midsole       | Anti-puncture Textile   |
| Outsole       | Phylon/Rubber (NBR)   |
| Toecap        | Composite   |
| Category      | S1 PS / SR, ESD, FO, HRO  |
| 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 | 0.550 kg  |
| Norms         | ASTM F2413:2018<br>EN ISO 20345:2022                                |



RED



BLK



### Breathable upper

Increased moisture and temperature management for extended wearer comfort.



### Electrostatic Discharge (ESD)

ESD provides the controlled discharge of electrostatic energy that can damage electronic components and avoids risks of ignition resulting from electrostatic charges. Volume resistance between 100 KiloOhm and 100 MegaOhm.



### Heel energy absorption

Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



### Puncture resistant lightweight

Metal free, super flexible and ultralight puncture resistant midsole. Covers 100% of the bottom area of the last, no thermal conductivity.



### Removable insole

Renew your insole at a regular base or use your own orthopedic insoles for a higher comfort.

**Industries:**

Assembly, Automotive, Industry, Logistics

**Environments:**

Dry environment, Uneven surfaces

**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 |
|----------------|--|-----------------------|--|--------------|
| <b>Upper</b>   | <b>Synthetic, Textile</b>  |                       |  |              |
|                | Upper: permeability to water vapor                               | mg/cm <sup>2</sup> /h | 1.2  | ≥ 0.8        |
|                | Upper: water vapor coefficient                                   | mg/cm <sup>2</sup>    | 21   | ≥ 15         |
| <b>Lining</b>  | <b>Mesh</b>  |                       |  |              |
|                | Lining: permeability to water vapor                              | mg/cm <sup>2</sup> /h | 34.59  | ≥ 2          |
|                | Lining: water vapor coefficient                                  | mg/cm <sup>2</sup>    | 277  | ≥ 20         |
| <b>Footbed</b> | <b>SJ Memory foam footbed</b>                                    |                       |  |              |
|                | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles                | Dry 25600<br>cycles/Wet<br>12800 cycles                          | 25600/12800  |
| <b>Outsole</b> | <b>Phylon/Rubber (NBR)</b>                                       |                       |  |              |
|                | Outsole abrasion resistance (volume loss)                        | mm <sup>3</sup>       | Relative<br>volume loss:<br>140mm <sup>3</sup><br>(Density:1.21) | ≤ 150        |
|                | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction              | 0.48   | ≥ 0.31       |
|                | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction              | 0.48   | ≥ 0.36       |
|                | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction              | 0.36   | ≥ 0.19       |
|                | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction              | 0.36   | ≥ 0.22       |
|                | Antistatic value   | MegaOhm               | 670  | 0.1 - 1000   |
| ESD value      | MegaOhm  | 73                    | 0.1 - 100  |              |
|                | Heel energy absorption   | J                     | 25   | ≥ 20         |
| <b>Toecap</b>  | <b>Composite</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                    | 16.0   | ≥ 14         |
|                | Compression resistance toecap (clearance after compression 15kN) | mm                    | 21.5   | ≥ 14         |

Sample size: 42

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