

# VALLIS S3S

# Non-Marking Safety Shoes With Reflecting Heel

VALLIS lowcut safety shoes are lightweight with slipresistant grip, antistatic safety, waterresistant comfort, reflective heel and posture pain relief.

| Upper         | Nubuck Action Leather                |
|---------------|--------------------------------------|
| Lining        | Mesh                                 |
| Footbed       | SJ foam footbed                      |
| Midsole       | Anti-puncture Textile                |
| Outsole       | PU/PU                                |
| Toecap        | Composite                            |
| Category      | S3S / SR, SC, LG, ESD, CI, FO        |
| Size range    | EU 36-47 / UK 3.5-12.0 / US 4.0-13.0 |
|               | JPN 22.5-31 / KOR 235-310            |
| Sample weight | 0.636 kg                             |
| Norms         | ASTM F2413:2018                      |











EN ISO 20345:2022

















S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.



## 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



#### Metal free

Metal free safety shoes are in general lighter than regular safety shoes. They are also very beneficial for professionals who have to pass through metal detectors several times a day.



# Non-marking outsole

Non-marking outsoles do not leave color marks on the ground.



# Water resistant Upper (WRU)

Prevents penetration of water if not permanently exposed to high levels.

ecovadis

SEP 2025



### Antistatic

Antistatic footwear prevents buildup of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm







#### **Industries:**

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

## **Environments:**

Dry environment, Uneven surfaces, Wet 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   | Nubuck Action Leather  |                    |             |              |
|         | Upper: permeability to water vapor                               | mg/cm²/h           | 2.4         | # 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm <sup>2</sup> | 25.9        | # 15         |
| Lining  | Mesh   |                    |             |              |
|         | Lining: permeability to water vapor                              | mg/cm²/h           | 86.31       | # 2          |
|         | Lining: water vapor coefficient                                  | mg/cm <sup>2</sup> | 691         | # 20         |
| Footbed | SJ foam footbed  |                    |             |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles             | 25600/12800 | 25600/12800  |
| Outsole | PU/PU  |                    |             |              |
|         | Outsole abrasion resistance (volume loss)                        | mm³                | 33          | # 150        |
|         | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction           | 0.41        | # 0.31       |
|         | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction           | 0.38        | # 0.36       |
|         | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction           | 0.32        | # 0.19       |
|         | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction           | 0.26        | # 0.22       |
|         | Antistatic value   | MegaOhm            | 26.5        | 0.1 - 1000   |
|         | ESD value  | MegaOhm            | 48          | 0.1 - 100    |
|         | Heel energy absorption   | J                  | 30          | # 20         |
| Toecap  | Composite  |                    |             |              |
|         | 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                 | 17.5        | # 14         |
|         | Compression resistance toecap (clearance after compression 15kN) | mm                 | 24.0        | # 14         |

Sample size:

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