



# AVENGER IGS VR620.01

## Safety Specification

EN ISO 20345:2022+A1:2024 S3S SR HRO LG SC



ZIP SIDE



SCAFFOLD BOARD  
SLIP-TESTED



KENNEDY GRATING  
SLIP-TESTED



CHEQUER PLATE  
SLIP-TESTED



LADDER  
GRIPS



SRC  
SLIP-TESTED



PUNCTURE-  
RESISTANT



TOECAP



HARD-WEARING  
SCUFF CAP



WATER-  
RESISTANT UPPER



HEAT-  
RESISTANT



FUEL OIL-  
RESISTANT



ENERGY  
ABSORPTION



CLOSED HEEL



ANTI-  
STATIC



CLEATED  
OUTSOLE

### Size

Available in sizes:  
**5 - 13** (38 - 48)

### Weight

899g  
based on a size 8 (42)

### Description

- An award-winning durable and water-resistant safety Hi-leg
- Toes stay protected with a composite toecap
- Underfoot is safe with a flexible composite midsole
- Zip-sided for an easy on/off
- Safe and stable grip on slippery surfaces with the IGS™ sole unit
- Long-lasting safety with an abrasion-resistant scuff cap

### Toecap

Feet are kept safe from heavy or dropped items with a strong but lightweight composite toecap, tested to 200J.

### Protective midsole

Feet are kept safe from sharp items entering underfoot with a strong but lightweight composite anti-penetration midsole, tested to 1,100N.

### Sole

Slip safety ensured with the innovative IGS™ sole unit, featuring ladder grips for working safely at height and a water-dispersing tread to keep the wearer stable on slippery and contaminated surfaces.

### Upper

A water-resistant full grain leather upper plus reinforced stitching provides durability, a fluorescent stripe aids visibility and a padded scooped collar provides comfort when driving and using ladders.

### Footbed

Feet remain cool and sweat-free with a heel pump and heat-reducing air flow channels, while a cushioned foam with air holes for breathability aids comfort.

### Lining

Feet stay cool and sweat-free with a moisture wicking and highly breathable padded lining.

### Warranty

We're so confident that our boots will stand the test of time, we offer a 200-day guarantee as standard.

### Additional Information

Also available in: XL sizes **14 - 16** (49 - 51).

EN ISO 20345:2022 standards for general purpose safety footwear, plus additional (optional) safety features.

| Features | Test Performed                                                                                                                                                                          | Safety Classifications |    |    |    |     |     |    |    |     |     |    |    |     |     |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----|----|----|-----|-----|----|----|-----|-----|----|----|-----|-----|
|          |                                                                                                                                                                                         | SB                     | S1 | S2 | S3 | S3L | S3S | S4 | S5 | S5L | S5S | S6 | S7 | S7L | S7S |
|          | Slip resistance now seen as mandatory, so no symbol given                                                                                                                               | ✓                      | ✓  | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   |
| SB       | Safety toecap protection only, tested with 200 J impact and 15 kN compression force                                                                                                     | ✓                      | ✓  | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   |
| A        | Anti-static: electrical resistance between foot and ground of between 0.1 and 1,000 mega ohms*                                                                                          |                        | ✓  | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   |
| E        | Energy absorption of the seat region: energy absorbed to be not less than 20 J                                                                                                          |                        | ✓  | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   | ✓  | ✓  | ✓   | ✓   |
| WPA      | Water penetration and absorption (water-resistant and breathable)                                                                                                                       |                        |    | ✓  | ✓  | ✓   | ✓   |    |    |     |     | ✓  | ✓  | ✓   | ✓   |
| WR       | Water-resistant footwear (waterproof membrane)                                                                                                                                          |                        |    |    |    |     |     |    |    |     |     | ✓  | ✓  | ✓   | ✓   |
| P        | (Metal insert type P) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N                                                                   |                        |    |    | ✓  |     |     |    | ✓  |     |     |    | ✓  |     |     |
| PL       | (Non-metal insert type PL) Penetration-resistant outsole: Lowest penetration value required shall not be less than 1,100 N and no separation of the layers shall occur during all tests |                        |    |    |    | ✓   |     |    |    | ✓   |     |    |    | ✓   |     |
| PS       | (Non-metal insert type PS) Penetration-resistant outsole: Average penetration value shall not be less than 1,100 N with no single value shall be lower than 950 N                       |                        |    |    |    |     | ✓   |    |    |     | ✓   |    |    |     | ✓   |

Additional Safety Features

|     |                                                                                                                           |
|-----|---------------------------------------------------------------------------------------------------------------------------|
| HRO | Heat-resistant outsole compound: shall withstand 300°C for 60 seconds                                                     |
| FO  | Resistance to fuel oil                                                                                                    |
| LG  | Ladder grip                                                                                                               |
| SC  | Scuff cap abrasion resistance                                                                                             |
| CR  | Cut-resistant upper: cut-resistant index to exceed 2.5                                                                    |
| M   | Metatarsal protection 100 J impact energy                                                                                 |
| SR  | Slip test will feature glycerine on ceramic tile surface                                                                  |
| C   | Partially conductive footwear. The electrical resistance shall not be greater than 0.1 mega ohms between foot and ground* |
| CI  | Insulation against the cold: 30 minutes at -17°C, the decrease shall not be more than 10°C                                |
| HI  | Insulation against heat: 30 minutes at 150°C, the rise shall not be higher than 22°C                                      |
| AN  | Ankle protection: 10 N impact mean transferred force shall not exceed 10 kN and no single value shall exceed 15 kN        |

FOOT HEALTH

For foot health advice, scan the QR code.



BOOT CARE

For boot care advice, scan the QR code.



If you're unsure if these are the right boots for you and your environment, head to our boot finder by scanning the QR code and we'll give you our expert recommendations from the V12 range.

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