



VANGUARD IGS V2420

Safety Specification

EN ISO 20345:2022 S7L FO HRO LG SR SC



WATERPROOF



SCAFFOLD BOARD
SLIP-TESTED



KENNEDY GRATING
SLIP-TESTED



CHEQUER PLATE
SLIP-TESTED



LADDER
GRIPS



HARD-WEARING
SCUFF CAP



HEAT-
RESISTANT



PUNCTURE-
RESISTANT
(NON-METAL)



TOECAP



METAL-
FREE



FUEL OIL-
RESISTANT



ENERGY
ABSORPTION



CLOSED HEEL



ANTI-
STATIC



CLEATED
OUTSOLE



Size

Available in sizes:
6 - 13 (39 - 48)

Weight

793g
based on a size 8 (42)

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.

Fastening

The BOA® Fit System delivers micro-adjustable, precision fit, engineered to perform in the toughest conditions. Built for gloves and freezing temperatures.

Upper

Cool and dry feet thanks to a smooth full grain leather upper and a bellows tongue to further prevent water entry.

Footbed

Feet remain cool and sweat-free with a heel pump and heat-reducing airflow channels, while cushioned and resilient rebound PU open-cell foam offers superb comfort and support.

Lining

Feet stay dry and cool with advanced waterproof lining, featuring inside-boot climate-control technology.

Warranty

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

Description

- A lightweight waterproof safety hi-leg with a smooth black full grain leather upper
- Feet stay dry and cool with breathable waterproof lining
- Toes stay protected with a fibreglass toecap
- Underfoot is safe with a flexible composite midsole
- Micro-adjustable precision fit with the BOA® Fit System

Toecap

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

Protective midsole

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

THE BOA®
LIFETIME
GUARANTEE

The BOA® Fit System is guaranteed for the lifetime of the product on which it is integrated.

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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