



POLAR STS V6816.01

Safety Specification

EN ISO 20345:2022 S1P CI SR



TOECAP



PUNCTURE-
RESISTANT



SRC
SLIP-TESTED



INSULATION
AGAINST COLD



FUEL OIL-
RESISTANT



ANTI-
STATIC



ENERGY
ABSORPTION



CLOSED HEEL

Size

Available in sizes:
6 - 12 (39 - 47)

Weight

935g
based on a size 8 (42)

Description

- An insulated smooth leather rigger boot
- Toes stay protected with a composite toecap
- Underfoot is safe with a flexible protective steel midsole
- A padded synthetic fleece lining gives extra warmth and comfort

Toecap

Feet are kept safe from heavy or dropped items with a strong and generous-fit steel toecap, tested to 200 Joules.

Protective midsole

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

Sole

Slip safety ensured with the innovative STS™ sole unit, featuring wide, non-clogging tread channels to keep the wearer stable on uneven or loose natural surfaces, plus ladder grips to ensure safety when working at height.

Upper

A resilient and breathable smooth leather upper keeps feet cool and gives the boot durability, further reinforced by heavy-duty triple stitching.

Footbed

Feet stay comfortable and cushioned with a shock-absorbing dual foam, a cupped heel provides extra support and comfort, while the wearer remains cool and sweat-free from air holes for added breathability.

Lining

Feet stay warm and comfortable with a padded synthetic fleece lining.

Warranty

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

EN ISO 20345:2011 standards for general purpose safety footwear.

Features	Test Performed	Safety Classifications					
		S1	S2	S3	S5	SBP	S1P
SB	Toe protection tested with 200J impact and 15kN compression force	✓	✓	✓	✓	✓	✓
P	Penetration-resistant outsole tested at 1100N			✓	✓	✓	✓
A	Electrical resistance between foot and ground of between 0.1 and 1000 mega ohms	✓	✓	✓	✓		✓
E	Energy absorption of the seat region tested at 20 joules	✓	✓	✓	✓		✓
WRU	Water-resistant upper leather		✓	✓			
FO	Resistance to fuel oil			✓	✓		

Additional test classifications

HRO	Heat-resistant outsole compound tested at 300°C
CI	Insulation against the cold - temperature drops less than 10°C when tested at -17°C
M	Metatarsal protection - tested to 100J impact
SRA	Slip-resistant on ceramic tile floor with sodium lauryl sulphate solution
SRB	Slip-resistant on steel floor with glycerol
SRC	Slip-resistant for both SRA and SRB

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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