



**FOOTWEAR**

**2020 CATALOGUE**

**VOL.1**

**BOVA** is a proud brand of **BBF Safety Group (Pty) Ltd**, the largest manufacturer of safety footwear in Africa. Over a million pairs of BOVA safety shoes and boots are manufactured annually for the South African market alone. In addition, we export our footwear to 26 African countries and the Middle East, constantly expanding into new markets.

Twenty two years after manufacturing our first safety boot, the brand took another great stride in the market and extended our portfolio to include *Work Wear* and *Fall Arrest* solutions. For more information on these products visit **[www.bova.co.za](http://www.bova.co.za)**



To make the most informed decision possible when selecting footwear, please use the fold-out:

- Glossary
- Chemical Resistance Table







E N G I N E E R E D   W I T H   P U R P O S E

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BOVA is manufactured in an ISO: 9001 accredited factory, utilising cutting-edge laboratory testing and innovation. In this way, what we release into the market performs with the purpose for which it was engineered.

We explore the varied dangers inherent in an industry and then engineer the safety footwear purposed with protecting employees within those environments.

For procurement and those we protect, this means utilising the 4 unique BOVA Category Ranges to ensure that required safety needs are met. Different employees within the same industry often require very different levels of protection and therefore different specifications. Utilising the 4 BOVA Category Ranges and the various sub-categories within them ensures that a client does not under-spec for some employees - and compromise on safety, or over-spec for others - and compromise on cost-effectiveness.

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BOVA EPITOMISES ENGINEERED EXCELLENCE, WITH A CLEAR PURPOSE.

I N D U S T R Y   S T A N D A R D S

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Engineered to meet the requirements of:

**ISO 20345: 2011:**

Personal Protective Equipment - Safety Footwear

**ISO 20347: 2012:**

Personal Protective Equipment - Occupational Footwear

(Footwear that is not exposed to any mechanical risks such as impact and compression)

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**SATRA Member**

As accredited members of this independent, world-renowned research and technology organisation, we remain at the forefront of technological advances and testing methods within the safety industry.





#### **PODIATRY ASSOCIATION OF SOUTH AFRICA (PASA)**

PASA approved styles are ergonomically designed, manufactured and tested in order to increase overall foot health and reduce the incidence of foot discomfort as approved by qualified podiatrists.



#### **VIBRAM TECHNOLOGY**

Vibram is a world leader in Rubber soling technology. Selected styles within the Bova Extremewear range feature the Vibram rubber sole, utilising renowned traction engineering to provide superior slip resistance.



#### **DUAL COMPOUND RUBBER**

DCR is an innovative soling technology offered by only a handful of manufacturers across the globe. Footwear featuring DCR soling units offer superior durability, 300°C direct and radiant heat resistance, 100% waterproof resistance, SRC slip resistance and provide enhanced shock absorbency without compromising on comfort.



#### **ULTRA-FRESH TECHNOLOGY**

This internationally patented microbial technology protects various products (including spacesuits), giving it a longer lifespan, lasting performance, odour control, anti-microbial, anti-fungal and anti-bacterial protection. Every BOVA shoe and boot includes **Ultra-Fresh** Technology moisture management. **Ultra-Fresh** is a registered trademark of Thomson Research Associates, Inc.



#### **RUCO-BAC AGP TECHNOLOGY**

A silver-based, anti-microbial technology that fights foot odour, allergies and infections. BOVA Sox are treated with a Ruco-Bac AGP anti-microbial silver-based technology that utilises nano particles of silver chloride, which kills 95% of bacteria within two hours. This product is environmentally-friendly.



#### **ENERGISER WOOLLEN TOP SOCK TECHNOLOGY**

Made from highly absorbent 100% wool and treated with **Ultra-Fresh**, the top sock has anti-microbial, anti-bacterial and anti-fungal properties.



#### **PORON / EVA CUSHIONED TOP SOCK TECHNOLOGY**

The top sock responds to temperature and weight and moulds to the shape of each wearer's foot. The Poron insert at the front and heel of the foot provides optimum support where it is needed most. Benefits of this top sock include: shock absorption, a reduction in aches and fatigue and increased comfort.



#### **GELONAIR™ TOP SOCK TECHNOLOGY**

Moulded from a thermoplastic rubber gel material, the top sock delivers high cushion energy before and after compression, resulting in improved vascular micro-circulation of the foot.



#### **ELASTOPAN® CLIMATE CONTROL TOP SOCK**

This anti-static top sock is made from anatomically moulded polyurethane that responds to temperature and weight, taking on the shape of each wearer's foot. The polyurethane compound enhances climate control within the boot through its fast-acting moisture absorption and is treated with anti-fungal and anti-bacterial properties.

E N G I N E E R E D   W I T H   P U R P O S E

The 4 BOVA Category Ranges and the various sub-categories within them ensure that a client does not under-spec for some employees - and compromise on safety, or over-spec for others - and compromise on cost-effectiveness



L I G H T W E A R



H E A V Y W E A R



E X T R E M E W E A R



P A R A M I L I T A R Y





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Durable safety solutions for everyday light business hazards



L I G H T W E A R R A N G E



## L I G H T W E A R R A N G E

Durable safety solutions for everyday light business hazards



### ENVIRONMENT & FEATURES

- Single Density PU Soles
- The boots offered in this range are engineered to provide wearers with the basic safety footwear features: a steel toe cap and slip resistance
- They are suitable to both indoor and outdoor environments where individuals are at risk of slipping or dropping heavy objects on their feet
- These boots are not engineered for uneven and harsh terrain where constant abrasion and high sole durability is required, nor environments where the wearer is exposed to high volumes or concentrations of acids, oils and chemicals
- Steel toe cap

### UTILITY RANGE

Versatile, practical starter shoes for light work environments

PG 9

### EXECUTIVE RANGE

Suitably smart for the boardroom; tough enough for site tours

PG 10

### PERSONNEL

DRIVERS | PRODUCTION MANAGERS | FORKLIFT OPERATORS | RETAIL STAFF  
PRODUCTION LINE STAFF | INDUSTRY EXECUTIVES



**BOVA**

## FEATURES OF A LIGHTWEAR SHOE

### EXPLODED VIEW





**MULTI** 71441 ♂  
Utility safety shoe

**Sizes** 5-13  
**Colour** Black



**UPPER** Genuine split leather | 4 pair eyelet lace-up | Padded tongue and collar for comfort

**LINING** Special needle-fibred vamp lining for excellent perspiration absorbency

**& SOCKS** Anti-static, non-woven in-sock for flexibility, comfort and stability  
Anti-bacterial Energiser woollen top sock with anti-microbial properties

**MIDSOLE** Shank reinforcement for arch support

**TOE CAP** Steel

**SOLE** Single Density PU (Heat-resistant to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0120**



**ADAPT** 71442 ♂  
Utility safety boot

**Sizes** 5-13  
**Colour** Black



**UPPER** Genuine split leather | 4 pair D-ring lace-up | Padded bellows tongue and collar for comfort

**LINING** Special needle-fibred vamp lining for excellent perspiration absorbency

**& SOCKS** Anti-static, non-woven in-sock for flexibility, comfort and stability  
Anti-bacterial Energiser woollen top sock with anti-microbial properties

**MIDSOLE** Shank reinforcement for arch support

**TOE CAP** Steel

**SOLE** Single Density PU (Heat-resistant to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0119**



# EXECUTIVE RANGE

Suitably smart for the boardroom; tough enough for site tours

LIGHTWEAR



**CAMBRIDGE** 70004 ♂  
Executive slip-on safety shoe

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | Slip-on with overlay | Elastic side gussets for ease of entering and exiting the shoe

**LINING** Special needle-fibred vamp lining for excellent perspiration absorbency

**MIDSOLE** Shank reinforcement for arch support

**TOE CAP** Steel

**SOLE** Single Density PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**



**JARMAN** 70003 ♂  
Executive safety shoe

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | 4 pair eyelet lace-up

**LINING** Special needle-fibred vamp lining for excellent perspiration absorbency

**MIDSOLE** Shank reinforcement for arch support

**TOE CAP** Steel

**SOLE** Single Density PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**



**OXFORD** 70006 ♂  
Executive safety shoe

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | 5 pair eyelet lace-up

**LINING** Special needle-fibred vamp lining for excellent perspiration absorbency

**MIDSOLE** Shank reinforcement for arch support

**TOE CAP** Steel

**SOLE** Single Density PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**

Hard-working protection for heavy industry demands



H E A V Y W E A R   R A N G E





# H E A V Y W E A R R A N G E

Hard-working protection for heavy industry demands



## ENVIRONMENT & FEATURES

- Dual Density PU / PU | Dual Density PU / TPU Soles
- The boots in this range are engineered to provide wearers with protection in an array of harsh conditions which include high abrasion and exposure to medium levels and concentrations of oils and chemicals
- A multitude of the boots in this range also offer the addition of an anti-penetration midsole for enhanced protection against sharp objects penetrating the sole of the boot
- This range further introduces technological advancements in comfort for anti-fatigue support and niche requirements, such as metal-free safety footwear
- Steel toe cap | Composite toe cap

## CORE RANGE

Entry-level heavywear that provides the safety essentials. Ideal for bulk purchase **PG 15**

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## TRAX RANGE

Advanced comfort engineering for workers on their feet all day **PG 19**

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## AKTIV RANGE

Metal-free safety footwear with advanced comfort engineering **PG 21**

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## CUT RANGE

Enhanced defence against cuts and abrasion **PG 22**

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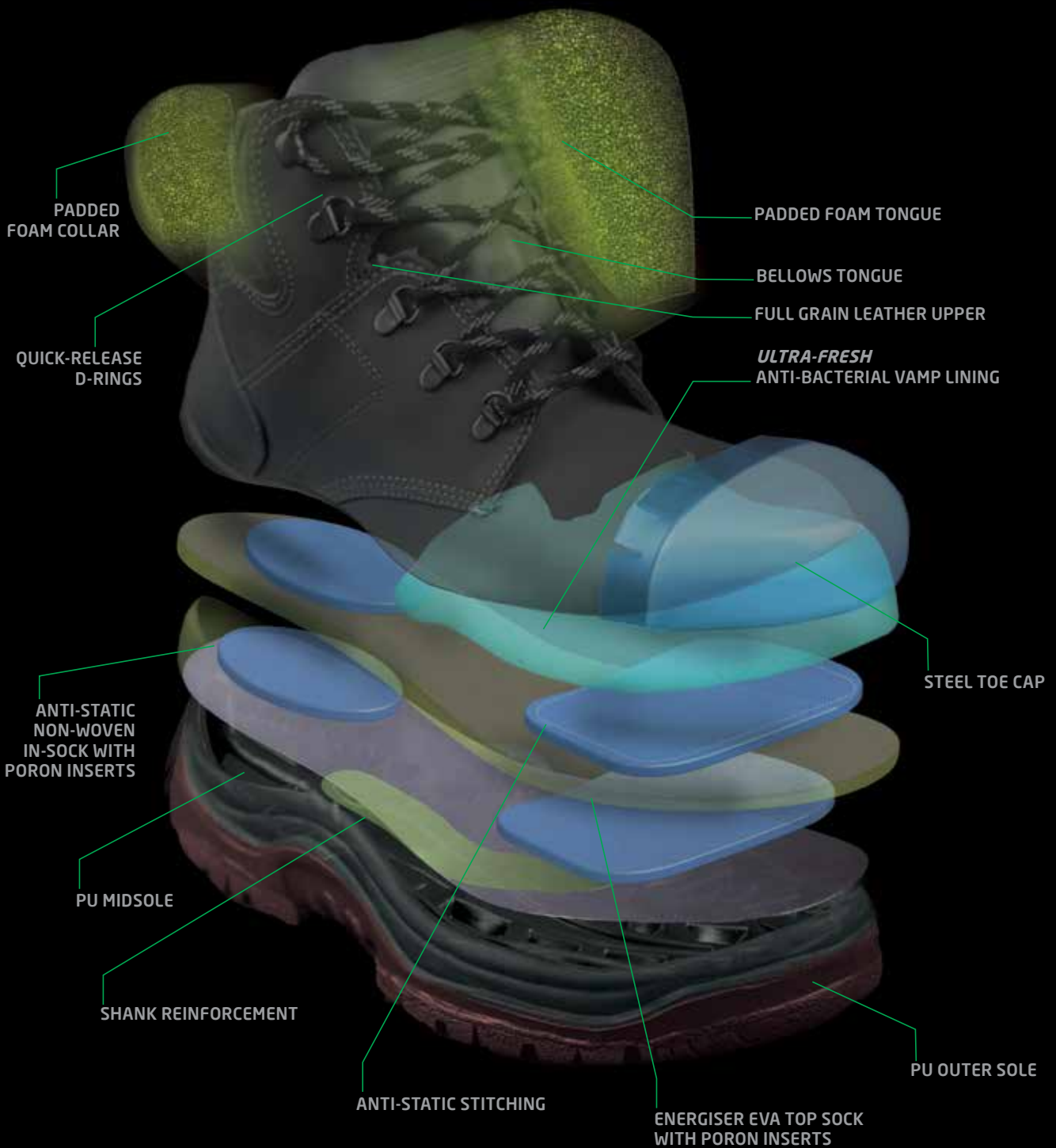
## PERSONNEL

CONSTRUCTION WORKERS | MINE WORKERS | FARMERS, FARM LABOURERS | PORT WORKERS  
AUTOMOTIVE INDUSTRY | ENGINEERS | ARCHITECTS | AIRPORT PERSONNEL



## FEATURES OF A HEAVYWEAR SHOE

### EXPLODED VIEW





## C O R E R A N G E

Entry-level heavywear that provides the safety essentials. Ideal for bulk purchase

HEAVYWEAR



**RADICAL** 60001 ♂  
Durable safety shoe

**Sizes** 4-13  
**Colour** Black



CE



EN

**UPPER** Genuine split leather | 4 pair D-Ring lace-up | Padded bellows tongue and collar for comfort

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency

**& SOCKS** Anti-static, non-woven in-sock for flexibility, comfort and stability

**TOE CAP** Steel

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

EN / ISO 20345

NRCS/9002/287766/0165



**MAVERICK** 60002 ♂  
Durable safety boot

**Sizes** 4-13  
**Colour** Black



CE



EN

**UPPER** Genuine split leather | 5 pair D-ring lace-up | Padded bellows tongue and collar for comfort

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency

**& SOCKS** Anti-static, non-woven in-sock for flexibility, comfort and stability

**MIDSOLE** Steel midsole available (60702)

**TOE CAP** Steel

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

EN / ISO 20345

NRCS/9002/287766/0169



Entry-level heavywear that provides the safety essentials. Ideal for bulk purchase

HEAVYWEAR



**NEOGRIP** 90005 ♂  
Durable safety shoe

**Sizes** 5-13    **Colour** Black  
(Richmond - MTO)



CE



EN

- UPPER** Full grain leather | 3 pair eyelet lace-up | Padded collar for comfort | Reflective safety tab on rear for enhanced visibility
  - LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for flexibility, comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties
  - & SOCKS**
  - MIDSOLE** Shank reinforcement for arch support | Steel midsole available (90705 / black only - MTO)
  - TOE CAP** Steel
  - SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)
- EN / ISO 20345**      **NRCS/9002/287766/0117**



**NEOFLEX** 90004 ♂  
Durable safety boot

**Sizes** 3-15    **Colour** Black & Richmond



CE



EN



- UPPER** Full grain leather | 5 pair D-Ring lace-up | Padded collar for comfort | Reflective safety tab on rear for enhanced visibility
  - LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for flexibility, comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties
  - & SOCKS**
  - MIDSOLE** Shank reinforcement for arch support | Steel midsole available (90704 / black only)
  - TOE CAP** Steel | Available without toe cap (90504 / black only - MTO)
  - SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)
- EN / ISO 20345**      **NRCS/9002/287766/0055**



# C O R E R A N G E

Entry-level heavywear that provides the safety essentials. Ideal for bulk purchase

HEAVYWEAR



**TRAINER** 60012 ♂  
Durable safety shoe

**Sizes** 4-12  
**Colour** Black



- UPPER** Full grain leather | 3 pair D-ring lace-up with hooks | Padded tongue and collar for comfort
- LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for
- & SOCKS** flexibility, comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for arch support
- TOE CAP** Steel
- SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0171**



**HAMBURG** 90008 ♂  
Durable safety shoe

**Sizes** 4-12  
**Colour** Grey



- UPPER** Suede leather | 4 pair eyelet lace-up | Reflective safety stripes for enhanced visibility | Padded tongue and collar for comfort
- LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for flexibility,
- & SOCKS** comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for arch support
- TOE CAP** Steel
- SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0116**



Entry-level heavywear that provides the safety essentials. Ideal for bulk purchase



**CHELSEA** 90006 ♂  
Durable safety boot

**Sizes** 3-13  
**Colour** Black & Brown



CE



EN

- UPPER** Full grain leather | Elastic side gussets for ease of entering and exiting the boot | 2 pull straps
  - LINING** Needle-fibred vamp lining for excellent perspiration absorbency
  - & SOCKS** Anti-static, non-woven in-sock for flexibility, comfort and stability  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
  - MIDSOLE** Shank reinforcement for arch support  
Anti-penetration midsole available (90606 - MTO)
  - TOE CAP** Steel / Available without toe cap (90506 - MTO)
  - SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)
- EN / ISO 20345**      **NRCS/9002/287766/0170**

HEAVYWEAR



# T R A X R A N G E

Advanced comfort engineering for workers on their feet all day

HEAVYWEAR



**BREMEN** 20001 ♂  
Advanced comfort safety shoe

**Sizes** 5-13  
**Colour** Black



**UPPER** Full grain leather | 3 pair D-ring lace-up with hooks | Padded bellows tongue and collar for comfort  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability | Anti-bacterial Energiser EVA top sock with Poron at the ball and heel of the foot for comfort and anti-fatigue support

**MIDSOLE** Engineered with an EVA heel insert for shock absorption | Shank reinforcement for additional arch support  
Steel midsole available (20701)

**TOE CAP** Steel - extra-wide fitting

**SOLE** The sole is from Double Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0162**



**MUNICH** 20002 ♂  
Advanced comfort safety boot

**Sizes** 5-13  
**Colour** Black



**UPPER** Full grain leather | 4 pair D-ring lace-up with hooks | Padded bellows tongue and collar for comfort  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibre vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability | Anti-bacterial Energiser EVA top sock with Poron at the ball and heel of the foot for comfort and anti-fatigue support

**MIDSOLE** Engineered with an EVA heel insert for shock absorption | Shank reinforcement for additional arch support  
Steel midsole available (20702)

**TOE CAP** Steel - extra-wide fitting

**SOLE** The sole is from Double Density PU/PU (Heat-resistant up to 95°C)



Advanced comfort engineering for workers on their feet all day

HEAVYWEAR



**HIKER 20013** ♂  
Advanced comfort safety boot

**Sizes** 3-13  
**Colour** Black & Walnut



**UPPER** Full grain leather | 4 pair D-ring lace-up with hooks | Padded bellows tongue and collar for comfort  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability | Anti-bacterial Energiser EVA top sock with Poron at the ball and heel of the foot for comfort and anti-fatigue support

**MIDSOLE** Engineered with an EVA insert at the heel for shock absorption  
Shank reinforcement for additional arch support

**TOE CAP** Steel - extra-wide fitting / Available without toe cap (20513 / walnut only - MTO)

**SOLE** The sole is from Double Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**      **NRCS/9002/287766/0146**



**HEALTH SANDAL 20011** ♂  
Advanced comfort safety sandal

**Sizes** 5-12  
**Colour** Rust



**UPPER** Full grain leather | 2 Velcro straps for easy adjustment | Designed for sufferers of swollen feet or diabetes  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp, quarter and tongue lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability  
Gelonair™ top sock engineered for improved vascular circulation and perspiration absorbency

**MIDSOLE** Engineered with an EVA insert at the heel for shock absorption  
Shank reinforcement for additional arch support

**TOE CAP** Steel - extra-wide fitting

**SOLE** The sole is from Double Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**





HEAVYWEAR



**ATLANTIS** 30006 ♂  
Metal-free safety shoe

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | 4 pair Ghillie loops with 1 pair non-metallic eyelets | Padded bellows tongue and collar for comfort  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability | Anti-bacterial Energiser EVA top sock with Poron at the ball and heel of the foot for comfort and anti-fatigue support

**MIDSOLE** Engineered with an EVA heel insert for shock absorption | Shank reinforcement for arch support

**TOE CAP** Composite

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**



**COLUMBIA** 30005 ♂  
Metal-free safety boot

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | 5 pair Ghillie loops with 2 pair non-metallic hooks | Padded bellows tongue and collar for comfort  
Extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock with Poron at the ball and heel of the foot for flexibility, comfort and stability | Anti-bacterial Energiser EVA top sock with Poron at the ball and heel of the foot for comfort and anti-fatigue support

**MIDSOLE** Engineered with an EVA insert at the heel for shock absorption | Shank reinforcement for arch support

**TOE CAP** Composite

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**



Enhanced defence against cuts and abrasion



**DAKOTA** 40002 ♂  
Abrasion resistant safety boot

**Sizes** 5-12  
**Colour** Black



**UPPER** Full grain leather | 3 pair Ghillie loops and hooks | Leather anti-scuff toe feature  
Padded bellows tongue and collar for comfort

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for flexibility, comfort  
**& SOCKS** and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties and a Poron insert at the heel for shock absorption

**MIDSOLE** Shank reinforcement for additional arch support

**TOE CAP** Steel

**SOLE** Dual Density PU/TPU (Heat-resistant up to 95°C)

**SANS / ISO 20345**

HEAVYWEAR



# FROM BOOTS TO SUITS

HEAD-TO-TOE  
SAFETY WEAR  
MADE IN SA

FOOTWEAR | WORKWEAR | HARNESSSES | ARC FLASH SUITS

visit [www.bova.co.za](http://www.bova.co.za) and view our full range.



Superior protection in extreme conditions



E X T R E M E W E A R R A N G E



## E X T R E M E W E A R R A N G E

Superior protection for the harshest work environments



### ENVIRONMENT & FEATURES

- Dual Density PU/Rubber | Dual Density PU / Vibram Rubber / Dual Compound Rubber / Rubber Soles
- The boots in this range are engineered to provide protection in extreme conditions. These conditions include temperature (hot and cold), high abrasion, high risk of slipping and exposure to harsh acids, oils and chemicals. In addition, our latest innovation of Rubber/Rubber soling technology is equipped to withstand both direct and radiant heat of up to 300°C, shock absorbency on impact and enhanced penetration resistance. Furthermore, this sole is 100% waterproof eliminating the destructive effects of hydrolysis
- The range is engineered with specialised technologies that help to protect the wearer in these extreme environments; from the sole construction right through to the linings and exterior additions to the boots
- Certain products are engineered with comfort technologies for anti-fatigue support and approved by the Podiatry Association of South Africa while other products have been tested to 20KVA voltage where extreme heat and electrical shock is present
- Steel toe cap | Aluminum toe cap

### PU/RUBBER

Enhanced protection in hazardous conditions

PG 27

### RUBBER/RUBBER

Superior protection in extreme conditions

PG 35

### PERSONNEL

MINE WORKERS | OIL RIG WORKERS | SMELTING WORKERS | ELECTRICAL CONTRACTORS  
BREWERY, BOTTLING PLANT WORKERS | COLD STORAGE WORKERS | WELDERS |  
TARMAC AND ASPHALT WORKERS | ENGINEERS



## FEATURES OF AN EXTREMEWEAR SHOE

### EXPLODED VIEW





P U / R U B B E R R A N G E

Enhanced protection in hazardous conditions



ELECTRICAL RESISTANCE TO 20KV FOR 60 SECONDS (ESKOM SPEC 34-232)

**ROCNA** 43601 ♂  
Extreme slip safety shoe

**Sizes** 4-13  
**Colour** Black



SRC SLIP RESISTANCE RATING

- UPPER** Full grain waxy leather | 4 pair loops with hooks | Padded tongue and collar for comfort  
New design, extra-wide fitting upper as per podiatry specifications
- LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-penetration resistant in-sock
- & SOCKS** enhanced protection against sharp objects | Anti-bacterial Energiser EVA top sock with Poron properties at the ball and heel of the foot for an additional comfort and anti-fatigue support
- MIDSOLE** Shank reinforcement for arch support | Standard with an anti-penetration midsole
- TOE CAP** Steel - extra-wide fitting
- SOLE** Dual Density PU/Vibram Rubber (Heat-resistant up to 300°C)

EN / ISO 20345

EXTREMEWEAR



ELECTRICAL RESISTANCE TO 20KV FOR 60 SECONDS (ESKOM SPEC 34-232)

**DROGUE** 43602 ♂  
Extreme slip safety boot

**Sizes** 4-13  
**Colour** Black



SRC SLIP RESISTANCE RATING

- UPPER** Full grain waxy leather | 5 pair loops with hooks | Padded tongue and collar for comfort  
New design, extra-wide fitting upper as per podiatry specifications
- LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-penetration resistant in-sock
- & SOCKS** for enhanced protection against sharp objects | Anti-bacterial Energiser EVA top sock with Poron properties at the ball and heel of the foot for additional comfort and anti-fatigue support
- MIDSOLE** Shank reinforcement for arch support | Standard with an anti-penetration midsole
- TOE CAP** Steel - extra-wide fitting
- SOLE** Dual Density PU/Vibram Rubber (Heat-resistant up to 300°C)

EN / ISO 20345



Enhanced protection in hazardous conditions



ELECTRICAL RESISTANCE TO 20KV FOR 60 SECONDS (ESKOM SPEC 34-232)

SRC SLIP RESISTANCE RATING

**NEBULA** 43603 ♂  
Extreme slip safety boot

**Sizes** 4-13    **Colour** Brown



**UPPER** Full grain leather | 5 pair loops with hooks | Padded tongue and collar for comfort  
New design, extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-penetration resistant in-sock for enhanced protection against sharp objects | Anti-bacterial Energiser EVA top sock with Poron properties at the ball and heel of the foot for additional comfort and anti-fatigue support

**MIDSOLE** Shank reinforcement for additional arch support | Standard with an anti-penetration midsole

**TOE CAP** Steel - extra-wide fitting

**SOLE** Dual Density PU/Vibram Rubber (Heat-resistant up to 300°C)

EN / ISO 20345

EXTREMEWEAR



ELECTRICAL RESISTANCE TO 20KV FOR 60 SECONDS (ESKOM SPEC 34-232)

SRC SLIP RESISTANCE RATING

**SIERRA** 43604 ♂  
Extreme slip safety boot

**Sizes** 4-13    **Colour** Tan - MTO



**UPPER** Full grain Nubuck leather | 3 pair eyelets with 3 pair loops | Padded tongue and collar for additional comfort  
New design, extra-wide fitting upper as per podiatry specifications

**LINING & SOCKS** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-penetration resistant in-sock for enhanced protection against sharp objects | Anti-bacterial Energiser EVA top sock with Poron properties at the ball and heel of the foot for additional comfort and anti-fatigue support

**MIDSOLE** Shank reinforcement for additional arch support | Standard with an anti-penetration midsole

**TOE CAP** Steel - extra-wide fitting

**SOLE** Dual Density PU/Vibram Rubber (Heat-resistant up to 300°C)

EN / ISO 20345





P U / R U B B E R R A N G E

Enhanced protection in hazardous conditions



**FIREWALK** 42003 ♂  
Anti-shock safety boot

**Sizes** 4-13  
**Colour** Black



ELECTRICAL  
RESISTANCE  
TO 20KV FOR  
60 SECONDS  
(ESKOM SPEC  
34-232)

- UPPER** Full grain leather | 4 pair eyelet lace-up with hooks | Padded collar and ½ padded bellows tongue for comfort
  - LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Non-woven material in-sock laminated to Kevlar to
  - & SOCKS** protect the foot from heat transference through the sole of the boot  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
  - MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (42603 - MTO | No sox)
  - TOE CAP** Steel
  - SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)
- SANS / ISO 20345**      **NRCS/9002/287766/0134**

EXTREMWEAR



**WELDERS** 42004 ♂  
Welders safety boot

**Sizes** 4-13  
**Colour** Black



WITH SPAT  
COVERING

- UPPER** Full grain leather | 4 pair eyelet lace-up | Spat covering with stainless steel buckles to protect from hot burns / exposure to sparks | Padded collar and ½ padded bellows tongue for comfort
  - LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Non-woven material in-sock laminated
  - & SOCKS** to Kevlar to protect the foot from heat transference through the sole of the boot | Anti-bacterial Energiser woollen top sock with anti-microbial properties
  - MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (42604 - MTO)
  - TOE CAP** Steel
  - SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)
- SANS / ISO 20345**

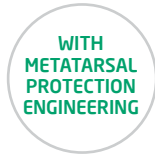


Enhanced protection in hazardous conditions



**METAGUARD** 42005 ♂  
Heat-resistant safety boot

**Sizes** 4-13  
**Colour** Black



- UPPER** Full grain leather | 5 pair eyelet lace-up | Metatarsal cover engineered to protect the metatarsal bones  
Padded collar and ½ padded bellows tongue for comfort
- LINING** Needle-fibred vamp lining to provide excellent perspiration absorbency | Non-woven material in-sock
- & SOCKS** laminated to Kevlar to protect the foot from heat transference through the sole of the boot  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (42605 - MTO)
- TOE CAP** Steel
- SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)

SANS / ISO 20345



**SMELTERS BUCKLE** 42007 ♂  
Heat-resistant safety boot

**Sizes** 4-13  
**Colour** Black



- UPPER** Full grain leather | Heat-resistant Kevlar stitching up to 425°C radiant heat | 3 Stainless steel buckles
- LINING** Vamp lining and quarter padding engineered from a Kevlar blend material and laminated to foil for heat reflection
- & SOCKS** Non-woven material in-sock laminated to Kevlar, to protect the foot from heat transference through the sole of the boot  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (42607 - MTO)
- TOE CAP** Aluminium
- SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)

EN / ISO 20345

EXTREMEWEAR



P U / R U B B E R R A N G E

Enhanced protection in hazardous conditions



**SMELTERS VELCRO** 42006 ♂  
Heat-resistant safety boot

**Sizes** 4-13  
**Colour** Black



CE



EN

WITH KEVLAR  
FEATURES

- UPPER** Full grain leather | Heat-resistant Kevlar stitching up to 425°C radiant heat | 3 Velcro straps for fast removal
- LINING** Vamp lining and quarter padding engineered from a Kevlar blend material and laminated to foil for heat reflection
- & SOCKS** Non-woven material in-sock laminated to Kevlar, to protect from heat transference through the sole of the boot  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration resistant midsole available (42606 - MTO)
- TOE CAP** Aluminium
- SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)

EN / ISO 20345

EXTREMWEAR



**RIGGER** 42770 ♂  
Heat-resistant safety boot

**Sizes** 5-13  
**Colour** Black



SABS  
APPROVED



ENGINEERED  
FOR THE OIL  
INDUSTRY

- UPPER** Full grain leather | 2 pull straps for ease of entering and exiting the boot
- LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for
- & SOCKS** flexibility, comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Standard with steel midsole
- TOE CAP** Steel
- SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Heat-resistant up to 300°C)

SANS / ISO 20345



Enhanced protection in hazardous conditions



**FREEZER** 42018 ♂  
Extreme cold safety boot

**Sizes** 5-13    **Colour** Black - MTO



- UPPER** Full grain leather | 7 pair D-ring lace-up | Padded bellows tongue collar for comfort
- LINING** Vamp, quarter and tongue lining consist of Ferrabelle fabric laminated to 3M thinsulate insulation material,
- & SOCKS** guaranteeing warmth down to -25°C (Conforms to Satra™ 436)  
Non-woven material in-sock laminated to 3M needle felt thinsulate for maximum thermal insulation  
Anti-bacterial Energiser woollen top sock with anti-microbial properties
- MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (42618)
- TOE CAP** Steel
- SOLE** Dual Density PU/Rubber - outer sole 8mm thick (Cold resistant down to -25°C)

**SANS / ISO 20345**

EXTREMEWEAR



## A N E V O L U T I O N A R Y S T E P



### DURABLE HIGH DENSITY NITRILE RUBBER OUTER SOLE

**The OUTER SOLE is made from high density Nitrile rubber that offers:**

- 300°C direct heat resistance
- 100% waterproof sole
- SRC slip resistance
- Superior resistance against acids, oils and chemicals
- Superior abrasion resistance
- Anti-static

### LIGHT-WEIGHT LOW DENSITY RUBBER MIDSOLE

**The MIDSOLE is formed from a lower density rubber compound, offering:**

- 300°C radiant heat resistance
- 100% waterproof sole
- Superior resistance against acids, oils and chemicals
- Superior abrasion resistance
- Enhanced penetration resistance due to a second layer of rubber in the sole construction
- Greater comfort and shock absorbency

2 layers of rubber



300°C direct & radiant heat resistance



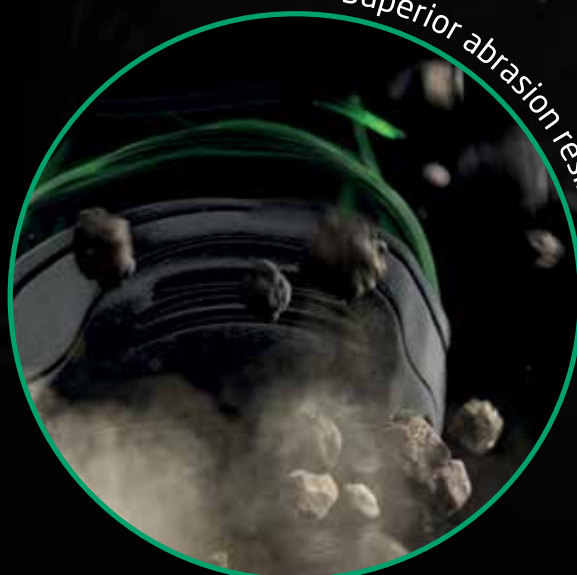
100% waterproof sole



Superior resistance against acids, oils & chemicals



Superior abrasion resistance



Shock absorbency on impact





# DUAL COMPOUND RUBBER

Superior protection in extreme conditions



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**GABBRO** 7140 ♂  
6-inch Safety boot

**Sizes** 4-14  
**Colour** Black



EN

**UPPER** Full grain leather | Double padded bellows tongue and collar for added comfort | 4 pair metal lace up guides with 1 pair metal hooks | Pull strap for ease of entering and exiting the boot

**LINING** Needle fibred vamp lining for excellent perspiration absorbency | Anti-static | Anti-penetration in-sock for enhanced protection against sharp objects | Anti-bacterial Polyurethane and carbon fibre top sock with anti-microbial properties

**MIDSOLE** Steel midsole available (7240 - MTO)

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345

EXTREMWEAR



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**MARBLE** 7141 ♂  
8-inch Safety boot

**Sizes** 4-14  
**Colour** Black



EN

**UPPER** Full grain leather | Double padded bellows tongue and collar for added comfort | 3 pair metal lace up guides with 2 pair metal hooks and 1 pair lace lock fasteners | Pull strap for ease of entering and exiting the boot

**LINING** Needle fibred vamp lining for excellent perspiration absorbency | Anti-static | Anti-penetration in-sock for enhanced protection against sharp objects | Anti-bacterial Polyurethane and carbon fibre top sock with anti-microbial properties

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345



Superior protection in extreme conditions



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**SCORIA** 7148 ♂  
8-inch Safety boot

**Sizes** 4-14  
**Colour** Black



EN

- UPPER** 2.2mm Full Grain Chromo Bovine Leather upper with 1.8-2.0mm PU coated toe buff | Padded bellows tongue and collar for added comfort | 6 pair brass eyelet lace up | 1 pair metal hook lace up | YKK Zipper for additional closing support | 1 Velcro strap for fast removal | Reflective inserts for high visibility
- LINING** Needle fibred vamp lining for excellent perspiration absorbency | Anti-static | Anti-penetration in-sock for enhanced protection against sharp objects | Anti-bacterial Polyurethane and carbon fibre top sock with anti-microbial properties
- MIDSOLE** Steel midsole available (7248 - MTO)
- TOE CAP** Steel
- SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**TASONITE** 7100 ♂  
Safety shoe

**Sizes** 4-14  
**Colour** Black



EN

- UPPER** Full grain leather | Padded bellows tongue and collar for added comfort | 3 pair metal lace up guides with 1 pair metal hooks
- LINING** Needle fibred vamp lining for excellent perspiration absorbency | Anti-static | Anti-penetration in-sock for enhanced protection against sharp objects | Anti-bacterial Polyurethane and carbon fibre top sock with anti-microbial properties
- TOE CAP** Steel
- SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345

EXTREMEWEAR





# DUAL COMPOUND RUBBER

Superior protection in extreme conditions



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**BASALT** 7142 ♂  
Safety boot

**Sizes** 4-14  
**Colour** Black



EN

**UPPER** Full grain leather | Elastic side gussets for ease of entering and exiting the boot | 2 pull straps for ease of entering and exiting the boot

**LINING** Needle fibred vamp lining for excellent perspiration absorbency | Anti-static | Anti-penetration in-sock for enhanced protection against sharp objects | Anti-bacterial Polyurethane and carbon fibre top sock with anti-microbial properties

**MIDSOLE** Steel midsole available (7242 - MTO)

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**SLATE** 7144 ♂  
Heat Resistant Safety boot

**Sizes** 4-14  
**Colour** Black



EN

**UPPER** Full grain leather | Heat-resistant stitching up to 425°C radiant heat | 1 Velcro strap for fast removal | Back opening for ease of entering and exiting the boot

**LINING** Vamp lining and quarter backer engineered from a Kevlar blend material and laminated to foil for heat reflection from the foot | Anti-static, bonded in-sock for flexibility, comfort and stability | Anti-static, anatomically moulded Elastopan® Climate Control top sock for enhanced comfort and foot health

**TOE CAP** Aluminium

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345

EXTREMWEAR



Superior protection in extreme conditions



**GRANITE 7900** ♂  
Working on Fire Safety boot

**Sizes** 6-13    **Colour** Black (MTO)



**DCR** EN

300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

**UPPER** Full grain leather | 9 pair metal eyelet lace-up

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, bonded in-sock for flexibility, comfort and stability | Anti-static, anatomically moulded Elastopan® Climate Control top sock for enhanced comfort and foot health

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345

EXTREMEWEAR



**IGNEOUS 7150** ♂  
Durable Safety boot

**Sizes** 4-14    **Colour** Black



**DCR**



EN

300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

SRC  
SLIP  
RESISTANCE  
RATING

**UPPER** Genuine split leather | 6 pair metal eyelet lace-up

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, bonded in-sock for flexibility, comfort and stability | Anti-static, anatomically moulded Elastopan® Climate Control top sock for enhanced comfort and foot health

**MIDSOLE** Steel midsole available (7250 - MTO)

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

EN / ISO 20345

Purpose-engineered safety boots for security, paramilitary and policing operations



P A R A M I L I T A R Y   R A N G E



## P A R A M I L I T A R Y   R A N G E

Purpose-engineered safety boots for security,  
paramilitary and policing operations



### ENVIRONMENT & FEATURES

- Single Density PU | Dual Density PU / PU | Dual Density PU / Rubber | Rubber/Rubber Soles
- The boots in this range are engineered specifically for police, military and security personnel
- The range includes lightweight, canvas boots with a breathable fabric to more advanced, durable leather boots with Dual Density Soles for protection in a range of terrains
- In the event that a certain specifications is required, we are able to custom-make samples for approval within a short time period and thereafter produce to order
- Steel Toe Cap

### LEATHER

Hard-wearing leather boots for strength and endurance

**PG 42**

### CANVAS

Breathable canvas boots for security personnel

**PG 44**

### PERSONNEL

MILITARY PERSONNEL | POLICE | SECURITY | GAME RANGERS



## FEATURES OF A PARAMILITARY SHOE

### EXPLODED VIEW





Hard-wearing leather boots for strength and endurance



300°C  
DIRECT &  
RADIANT HEAT  
RESISTANCE

100%  
WATERPROOF  
RESISTANT  
SOLE

**PATRIOT** 7010 ♂  
Security Safety boot

**Sizes** 6-13    **Colour** Black - MTO



**UPPER** Full grain leather | 7 pair metal eyelet lace-up

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, bonded in-sock for flexibility, comfort and stability | Anti-static, anatomically moulded Elastopan® Climate Control top sock for enhanced comfort and foot health

**TOE CAP** Steel

**SOLE** Dual Compound Rubber / Rubber (Heat resistant up to 300°C)

**SANS / ISO 20345**



**PATROL** 90443 ♂  
Security Safety Boot

**Sizes** 3-13    **Colour** Black - MTO



**UPPER** Full grain leather | 9 pair eyelet lace-up

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for exceptional flexibility, & **SOCKS** comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties

**MIDSOLE** Shank reinforcement for additional arch support | Anti-penetration midsole available (90643)

**TOE CAP** Steel | Available without toe cap (90543)

**SOLE** Dual Density PU/PU (Heat-resistant to 95°C)

**SANS / ISO 20345**



# LEATHER RANGE

Hard-wearing leather boots for strength and endurance



**POLICE** 90498 ♂  
Security Safety Boot

**Sizes** 3-13  
**Colour** Black



CE



EN

**UPPER** Full grain leather | 8 pair D-ring lace-up | Padded collar for comfort

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for exceptional flexibility,

**& SOCKS** comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties and a Poron insert at the heel for shock absorption

**MIDSOLE** Shank reinforcement for additional arch support

**TOE CAP** Steel | Available without steel toe cap (90598 - MTO)

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C)

EN / ISO 20345



71561

90561

**SWAT** 90561 ♂  
Security safety boot

**Sizes** 3-13  
**Colour** Black & Walnut



**UPPER** Combination leather and fabric | 8 pair eyelet lace-up | Padded collar for comfort

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency | Anti-static, non-woven in-sock for exceptional

**& SOCKS** flexibility, comfort and stability | Anti-bacterial Energiser woollen top sock with anti-microbial properties

**MIDSOLE** Shank reinforcement for additional arch support

**TOE CAP** Standard without toe cap | Available with steel toe cap (90461 - MTO)

**SOLE** Dual Density PU/PU (Heat-resistant up to 95°C) | Available in Single Density PU (71561 - MTO)

SANS / ISO 20345

PARAMILITARY



Breathable Canvas Boots for Security Personnel



**RANGER** 83029 ♂  
Security boot

**Sizes** 4-13    **Colour** Black  
(Nutria, Navy, Green - MTO/MOQ)



- UPPER**    Breathable canvas | 10 pair eyelet lace-up
- LINING**    Needle-fibred vamp lining for excellent perspiration absorbency
- & SOCKS**    Polyester and viscose top sock for additional comfort
- TOE CAP**    Standard without steel toe cap
- SOLE**        Single Density PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**



**GUARD** 83006 ♂  
Security boot

**Sizes** 4-13    **Colour** Black  
(Nutria, Navy, Green - MTO/MOQ)



- UPPER**    Breathable canvas | 10 pair eyelet lace-up
- LINING**    Needle-fibred vamp lining for excellent perspiration absorbency
- & SOCKS**    Polyester and viscose top sock for additional comfort
- TOE CAP**    Standard without steel toe cap
- SOLE**        Single Density PU (Heat-resistant up to 95°C)

**SANS / ISO 20345**

PARAMILITARY





**COMBAT** 83013 ♂  
Security boot

**Sizes** 4-13    **Colour** Black, Green, Nutria - MTO



**UPPER** Breathable canvas | 10 pair eyelet lace-up with double buckle overlay

**LINING** Needle-fibred vamp lining for excellent perspiration absorbency

**& SOCKS** Polyester and viscose top sock for additional comfort

**TOE CAP** Standard without toe cap

**SOLE** Single Density PU (Heat-resistant up to 95°C)

## EXTENDING THE LIFE OF POLYURETHANE BOOTS

Polyurethane has a biodegradable polymer that breaks down over time. The following factors contribute to this process: water, temperature, darkness and time

**In order to maximise the lifespan of PU boots, we recommend the following:**

Rotate stock frequently and deal on a first-in, first-out basis

Be aware of the climate in which the footwear will be worn. Avoid wearing PU soled footwear in wet environments where gumboots would be more suitable

Clean your shoes regularly, with the cloth provided in the box, to remove dirt and grime on the upper

Polish your boots regularly to protect the leather by using a commercial footwear product. Do not use squeegee type bottles with sponge ends

Never force-dry your footwear by leaving them in front of a fire or heater as a direct heat source may distort the upper and cause the leather to crack. Open up the tongue as far as it will go, remove the top sock from the footwear, crumple newspaper into balls and jam them into the shoe / boot to absorb water overnight

Always undo the laces before removing the shoe / boot and avoid turning the footwear into slip-ons. The constant application of pressure to the back of the boot may cause the upper to loosen from the sole

Never throw foot powder into the shoe / boot. When powder is applied to the inside of a shoe / boot it can mix with sweat and become a paste. This traps air flow, reducing the breathability of the leather, thereby increasing the temperature inside the boot



ACCESSORISED ENGINEERING

**SOCKS**

**PG 48**

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**SPRAYS / LACES / TOOLS**

**PG 49**

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**TOP SOCKS**

**PG 50**

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A C C E S S O R I E S   R A N G E

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**BOVA SOX**  
Anti-bacterial socks



**Engineered with Anti-static Fibre** in the form of silver coated stripes, knitted into the socks. The Anti-static Fibre conducts electricity away from the body, through the sock and into the shoe. The anti-static effect is permanent and does not diminish over time (benefits determined against test ASTM E 2149-01 mod).

**Treated with Ruco-bac AGP anti-microbial silver-based technology** that utilises nano particles of silver chloride. Designed to destroy 95% of bacteria within 2 hours, eliminate body odour, allergies and infections of the foot. In addition, Ruco-bac AGP is harmless to natural skin flora and is environmentally-friendly (benefits determined against test ASTM E 2149-01 mod).



**BOVA SMELTERS SOX**  
Flame retardant yarn



**Engineered with flame retardant yarn** specifically for the hot metal industry. The calf length socks are knitted using specialised flame retardant yarns, imported from the USA and Switzerland and are reinforced at both the toe and heel.

**Designed with a fine needle count** for a superior soft feel and to create density in the knit to prevent molten matter from penetrating the sock or attaching to the surface (compliant with the SABS 1423-1/1987 flame retardancy requirements, category 1).



**BOVA FREEZER SOX**  
Anti-microbial, silver-based



**Fibre engineered from imported performance fibres**, comprising: wool (natural insulator for cold), Drynamix (moisture management yarn designed to move moisture away from the foot), Polyamide and Elastane (to ensure a snug fit). The calf-length socks are padded for additional comfort and built with an elastic band for added stability.



**BOVA FOOT SPRAY ODOUR CONTROL**

200ml

Our odour control foot spray has been tested to SABS 636:2001 - Bactericidal Efficacy Standards.

The easy-to-use spray-on applicator fights against bacterial and fungal infections caused by perspiration.



**BOVA AQUA PROTECTOR WATER REPELLENT SPRAY**

220ml

The easy-to-use spray-on applicator provides protection to the leather uppers of our shoes by repelling water.

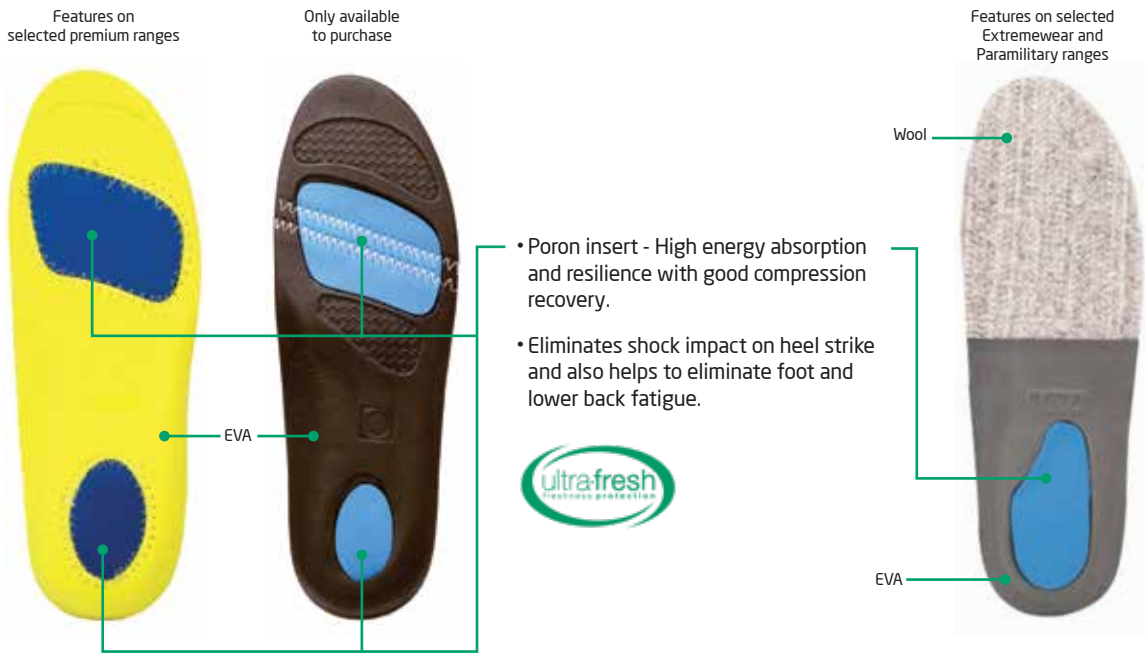


**BOVA SHOELACES**

90cm | 110cm

**SHOE SIZE MEASUREMENT TOOL**





### PORON / EVA CUSHIONED TOP SOCK

The top sock responds to temperature and weight and moulds to the shape of each wearer's foot, thereby providing optimum support where it is needed most. It provides dynamic impact compression, which gently rebounds with every step.

The EVA is bonded to a highly absorbent 100% wool and treated with an Ultra-Fresh DM-25-WP process. This has the advantage of fighting fungal and bacterial infections, minimising conditions such as Athlete's foot.

The Poron insert is used worldwide for specialised orthopaedic prosthetics and footwear.

#### Benefits:

- Greater comfort
- Shock absorption
- Reduction in fatigue
- Reduction of aches and pains
- Increased foot health



### SPACER

Recommended for people with a lower in-step, allowing for a more comfortable fit.



Only available to purchase



### ENERGISIER WOOLLEN TOP SOCK

The Energisier woollen top sock is made from highly absorbent 100% wool and treated with an Ultra-Fresh DM-25-WP process. This has the advantage of fighting fungal and bacterial infections, minimising conditions such as Athlete's foot.



Standard on our entry level ranges



Features in the Health Sandal

### GELONAIR™ TOP SOCK

The revolutionary patented design of the new Gelonair™ top sock ensures active cushioned comfort for your feet.

The Gelonair™ top sock is moulded from a thermoplastic rubber gel material, which incorporates a patented honeycomb design.

The combination of both design and material delivers high cushion energy (144 mJ) before and after dynamic compression (such as in walking and running). Due to its memory properties, there is only 0.5% compression set and 0.3% compression spread (SATRA test). This results in improvement in vascular micro-circulation of the foot due to the cushioning return effect.

Bonded to the Gelonair™ top sock is anti-static fabric consisting of polyamide with an anti-static silver thread.



Standard in the DCR range

### ALL FOOTWEAR WITHIN THE DCR RANGE COMES STANDARD WITH AN ELASTOPAN® CLIMATE CONTROL TOP SOCK

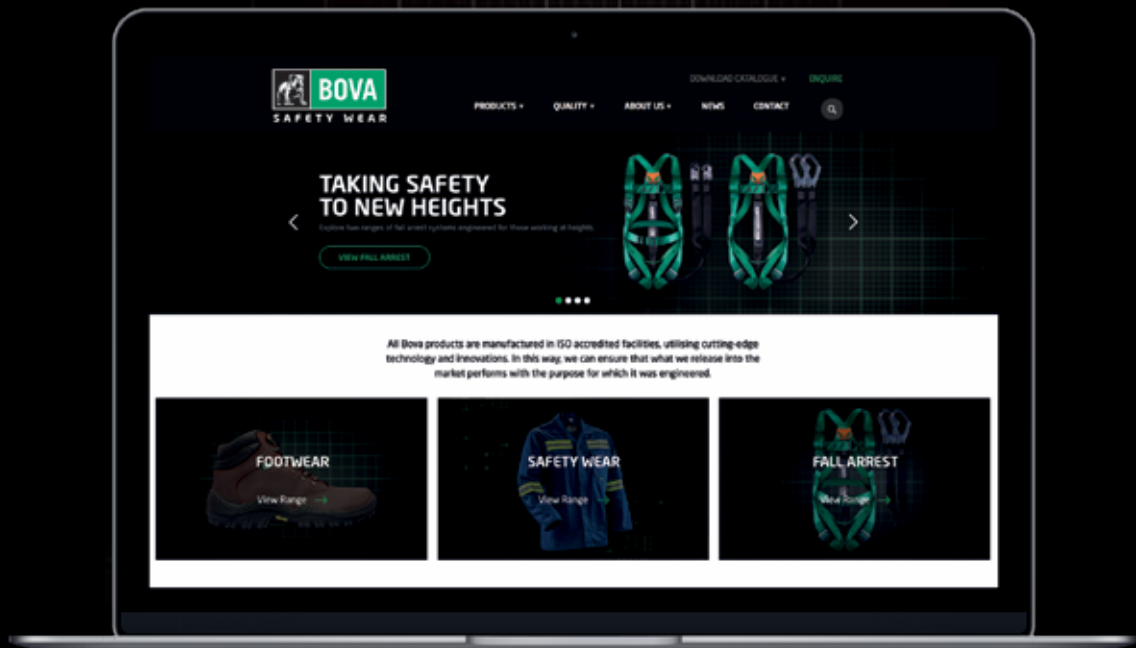
This anti-static top sock is made from anatomically moulded Polyurethane that responds to temperature and weight, taking on the shape of each wearer's foot, thereby providing optimum support where it is needed most. The Polyurethane compound enhances the climate control within the boot through its fast-acting moisture absorption and is treated with anti-fungal and anti-bacterial properties for improved foot health.

#### Benefits of using PU

- Lightness
- Long-lasting
- Fast humidity absorption
- Reversible absorption and desorption process
- Increased comfort and foot health

E N G I N E E R E D   W I T H   P U R P O S E

Specifications sheets and accreditation certificates are available upon request.



View our website to see  
our full range of safety wear

[www.bova.co.za](http://www.bova.co.za)







# CHEMICAL RESISTANCE TABLE

THIS TABLE IS ONLY RELEVANT TO POLYURETHANE (PU) SOLES



O/A DISSOLVES



O/A POOR  
more than 30% change



O/A FAIR  
16 - 30% change



O/A GOOD  
4 - 15% change



O/A EXCELLENT  
0.3% change

Acetic Acid 3 n	3	Diesel Oil	5	Methyl Glycol	2
Acetone	2	Dimethyl Acetamide	1	Methyl Glycol Acetate	2
Aluminium Chloride 10% Sol.	4	Dimethyl Formamide	1	Methylene Chloride	2
Ammonia 3 n	5	Distilled Water	5	Mineral Oil	5
Ammonium Chloride 10% Sol.	5	Ethanol	3	Nitric Acid 3 n	1
Aniline	2	Ether	3	N-Methyl Pyrrolidone	1
ASTM-Fuel A	5	Ethyl Acetate	2	Ozone	5
ASTM-Fuel B	4	Ethylene Chloride	3	Paraffin Oil	5
ASTM-Fuel C	3	Ferric Chloride 10% Sol.	4	Perchloroethylene	2
ASTM-Oil 1	5	Formic Acid 3 n	2	Petroleum	5
ASTM-Oil 2	5	Freon 12	3	Petroleum Ether	5
ASTM-Oil 3	5	Freon 22	3	Phosphoric Acid 3 n	3
Benzene	2	Gear Box Oil SAE 90	5	Potassium Chloride 10% & 40% Sol.	5
Benzyl Alcohol	1	Glycerine	5	Potassium Dichromate 10% Sol.	5
Bleach	5	Glycol	5	Potassium Hydroxide 3 n	5
Brake Fluid ATE	5	Hydrochloric Acid 3 n	5	Potassium Nitrate	4
Brake Fluid ATS	5	Hydrogen Peroxide 3%	5	Potassium Permanganate 5% Sol.	2
Butane	4	Iso-Octane Fuel 1	5	Propane	4
Butyl Acetate	2	Iso-Octane 70% : 30% Toluene = Fuel 2	4	Pyridine	1
Butyl Alcohol	3	Iso-Octane 50% : 50% Toluene = Fuel 3	3	Sea Water (Technical)	5
Calcium Chloride 10% & 40% Sol.	5	Iso-Propanol	4	Sodium Bisulphate 10% Sol.	4
Carbon Disulphide	3	Kerosine	5	Sodium Chloride 10% Sol.	5
Carbon Tetrachloride	2	Lactic Acid 3 n	1	Sodium Hypochlorite Sol. PH 13	3
Caustic Soda Sol. 10%	5	Lubricating Grease: Calcium based	5	Sodium Sulphite	4
Chlorobenzene	2	: Lithium based	5	Sulphuric Acid 3 n	1
Chloroform	2	: Sodium based	5	Terpentine (Pine Oil)	4
Chromic Acid 3 n	2	Magnesium Chloride 10% & 30% Sol.	5	Tetrachlorethylene	2
Citronic Acid 3 n	4	Methane	4	Tetrahydrofuran	2
Cyclohexane	4	Methanol	4	Toluene	2
Cyclohexanon	2	Methyl Acetate	2	Trichloroethylene	2
Decalin	3	Methyl Ethyl Ketone	2	Xylene	2

If you are exposed to any of the acids, oils or chemicals that rate 1, 2 or 3 on the table we recommend a rubber sole shoe/boot. Please consult the Extremewear section.

The above table should be used as a general guide only. Performance in the actual working environment will depend upon the following: temperature of chemicals, concentrations of chemicals and duration of exposure.

## GLOSSARY

### UPPERS

#### FULL GRAIN LEATHER

- Hides that have not been sanded or buffed to remove marks. The grain remains, allowing increased fibre strength and durability.

#### GENUINE SPLIT LEATHER

- Leather created from the hide once the top grain of the raw hide has been separated. The split can be further split - thickness allowing. Good split leathers have an artificial PU layer applied to the surface and are embossed with a leather grain to hide any marks or imperfections.

#### SUEDE LEATHER

- Made from the underside of the skin and is therefore softer.

### MIDSOLES

#### STAINLESS STEEL

- Added protection against sharp objects penetrating the sole of the shoe and injuring the foot of the wearer.
- Covers 80% of the foot-bed and is compliant with EN 12568.

#### ANTI-PENETRATION

- This metal-free option provides added protection against sharp objects penetrating the sole of the shoe and injuring the foot of the wearer.
- Covers 100% of the foot-bed and is highly flexible, thereby increasing the comfort to the wearer.

*Please note: this midsole should not be worn in applications where thin-acute objects are likely to provide a hazard - such as needles and thin glass shards.*

### TOE CAPS

#### TOE CAP VARIANTS

- All toe caps must be complaint to 200J impact resistance*
- Carbon Steel
- Composite (*Metal-Free*)
- Aluminium (*Recommended for areas with high magnetic fields*)

### SOLES

#### VIBRAM TECHNOLOGY

- World-renowned rubber sole engineering.

#### Polyurethane (PU) SOLES

- Lightweight and durable soles, recommended for general safety footwear protection.

#### Thermoplastic Polyurethane (PU/TPU) SOLES

- Highly abrasion-and-cut-resistant soles.

#### PU RUBBER (RU)

- Highly durable soles that offer heat resistance up to 300°C.

#### DUAL COMPOUND RUBBER TECHNOLOGY (DCR)

- Soling technology that offers superior durability, 100% waterproof, SRC slip resistant and 300°C direct and radiant heat

## KEY



#### NON-CONDUCTIVE

- Prevents the conduction of electricity.



#### ANTI-STATIC

- Allows static electricity to pass through and dissipate.



#### 200 JOULES COMPLIANCE

- 200 Joules compliance means that the toe cap's impact resistance is tested by a steel striker with a mass of 20kg ±0.4kg adapted to fall freely on vertical guides from a predetermined height of 1000mm.



#### METAL-FREE

- This shoe contains no metal parts.



#### ULTRA-FRESH TECHNOLOGY

- Strong anti-microbial, anti-fungal, anti-bacterial protection. Moisture management and odour control. *Ultra-Fresh* is a registered trademark of Thomson Research Associates, Inc.



#### VIBRAM

- Genuine Vibram rubber sole.



#### PASA

- Approved by the Podiatry Association of South Africa



#### SABS

- Meets the Standards of the South African Bureau of Standards.



#### CE

- Meets the European Economic Area Standards





A product of



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