



ZARSAFETY
PROTECTING PEOPLE EVERYWHERE



FOOTWEAR

2020 CATALOGUE
VOL.1

Protecting People Everyday

Taking on the toughest jobs requires an even tougher person. Because some jobs are reserved for the brave, the fearless, and the heroic. And to those dedicated to pushing the limits, Zar Safety is dedicated to keeping you protected - every step of the way.

ZAR Safety is a young Dynamic company, our core objective is to focus on each client to provide a better and more consistent quality of service.

What we offer is SIMPLICITY & SAVINGS by our massive range of products, we can provide on our promise.

Our service which is built on efficiency and transparency is what sets us apart from the rest. We don't just provide a service but learn our clients business in order to suggest affordable and appropriate solutions to help them save in different areas of their business.



- Distributor of **Bova®**



AT A GLANCE

Range	Name		Code	Free Sox	Sizing		Colour			Type		Sole						Temperature Resistance			Toe Cap				Midsoles		Anti-Static	Non-Conductive	ISO 20345	PASA Approved	Metal-Free	Ultra-Fresh	
					Smallest	Largest	Black	Brown	Other	Shoe	Boot	Single Density PU	Dual Density PU/PU	Dual Density PU/TPU	Dual Density PU/Rubber	Dual Density PU/Vibram Rubber	Dual Compound Rubber/Rubber	95°C	300°C	-25°C	No Toe Cap	Steel Toe Cap	Composite	Aluminium	Steel	Anti-Penetration							
Lightwear	Utility	Multi	71441		5	13	x			x		x					x				x			x		x					x		
		Adapt	71442		5	13	x				x	x					x				x			x		x					x		
	Executive	Cambridge	70004		5	12	x			x		x					x				x			x		x					x		
		Jarman	70003		5	12	x			x		x					x				x			x		x					x		
		Oxford	70006		5	12	x			x		x					x				x			x		x					x		
Heavywear	Core	Radical	60001		4	13	x			x			x				x				x			x		CE					x		
		Maverick	60002		4	13	x				x		x				x				x			x		CE					x		
		Neogrip	90005		5	13	x	Richmond		x			x				x			Black	x			Black		x		CE				x	
		Neoflex	90004		3	15	x	Richmond			x		x				x			Black	x			Black		x		CE				x	
		Trainer	60012		4	12	x			x			x				x				x					x					x		
		Hamburg	90008		4	12			Grey	x				x			x				x					x						x	
		Chelsea	90006		3	13	x	x			x		x				x			x	x					CE					x		
		Bremen	20001	x	5	13	x			x			x				x				x			x		x	x				x		
	Trax	Munich	20002	x	5	13	x				x		x				x				x			x		x	x					x	
		Hiker	20013	x	3	13	x	Walnut			x		x				x			Walnut	x					x						x	
		Health Sandal	20011	x	5	12		x		Sandal			x				x				x					x						x	
	Activ	Atlantis	30006		5	12	x	Rust		x			x				x					x				x						x	
		Columbia	30005		5	12	x				x		x				x					x				x						x	
	Cut	Hawk	40001	x	5	12	x			x				x			x				x					x						x	
		Dakota	40002	x	5	12	x				x			x			x					x				x						x	
Extremewear	PU/Rubber	Rocna	43601	x	4	13	x			x						x		x			x				x		x	x				x	
		Drogue	43602	x	4	13	x					x				x		x			x				x		x	x				x	
		Nebula	43603	x	4	13		x			x					x		x			x				x		x	x				x	
		Sierra	43604	x	4	13		Tan			x					x		x			x				x		x	x				x	
		Firewalk	42003	x	4	13	x				x				x		x		x		x				x		x					x	
		Welders	42004	x	4	13	x				x				x		x		x		x					x						x	
		Metaguard	42005	x	4	13	x				x				x		x		x		x				x		x					x	
		Smelters Buckle	42007	x	4	13	x				x				x		x					x			x		x					x	
		Smelters Velcro	42006	x	4	13	x				x				x		x					x			x		x					x	
		Rigger	42770		5	13	x				x				x		x								x							x	
	Freezer	42018	x	5	13	x				x				x				x							x						x		
	Rubber/Rubber	Gabbro	7140		4	14	x				x						x		x			x				x			x				x
		Marble	7141		4	14	x				x						x		x			x				x							x
		Scoria	7148		4	14	x				x						x		x						x								x
		Tasonite	7100		4	14	x			x							x		x						x			x					x
		Basalt	7142		4	14	x					x					x		x						x								x
		Slate	7144		4	14	x					x					x		x							x							x
Granite		7900		6	13	x					x					x					x											x	
Igneous	7150		4	14	x					x					x					x											x		
Paramilitary	Leather	Patriot	7010		6	13	x				x						x			x					x							x	
		Patrol	90443		3	13	x				x			x			x			x	x				x		x					x	
		Police	90498		3	13	x				x			x			x			x	x				x							x	
		Swat	90561		4	13	x	Walnut			x	x	x				x			x	x				x	x						x	
	Canvas	Ranger	83029		4	13	x		Green Navy Nutria		x	x						x			x						x						x
		Guard	83006		4	13	x		Green Navy Nutria			x						x			x						x						x
		Combat	83013		4	13	x		Green Navy Nutria			x	x					x			x						x						x



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

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.

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



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)



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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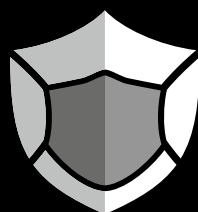
TOP SOCKS

PG 50

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



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



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**

TRAX RANGE

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

AKTIV RANGE

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

CUT RANGE

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

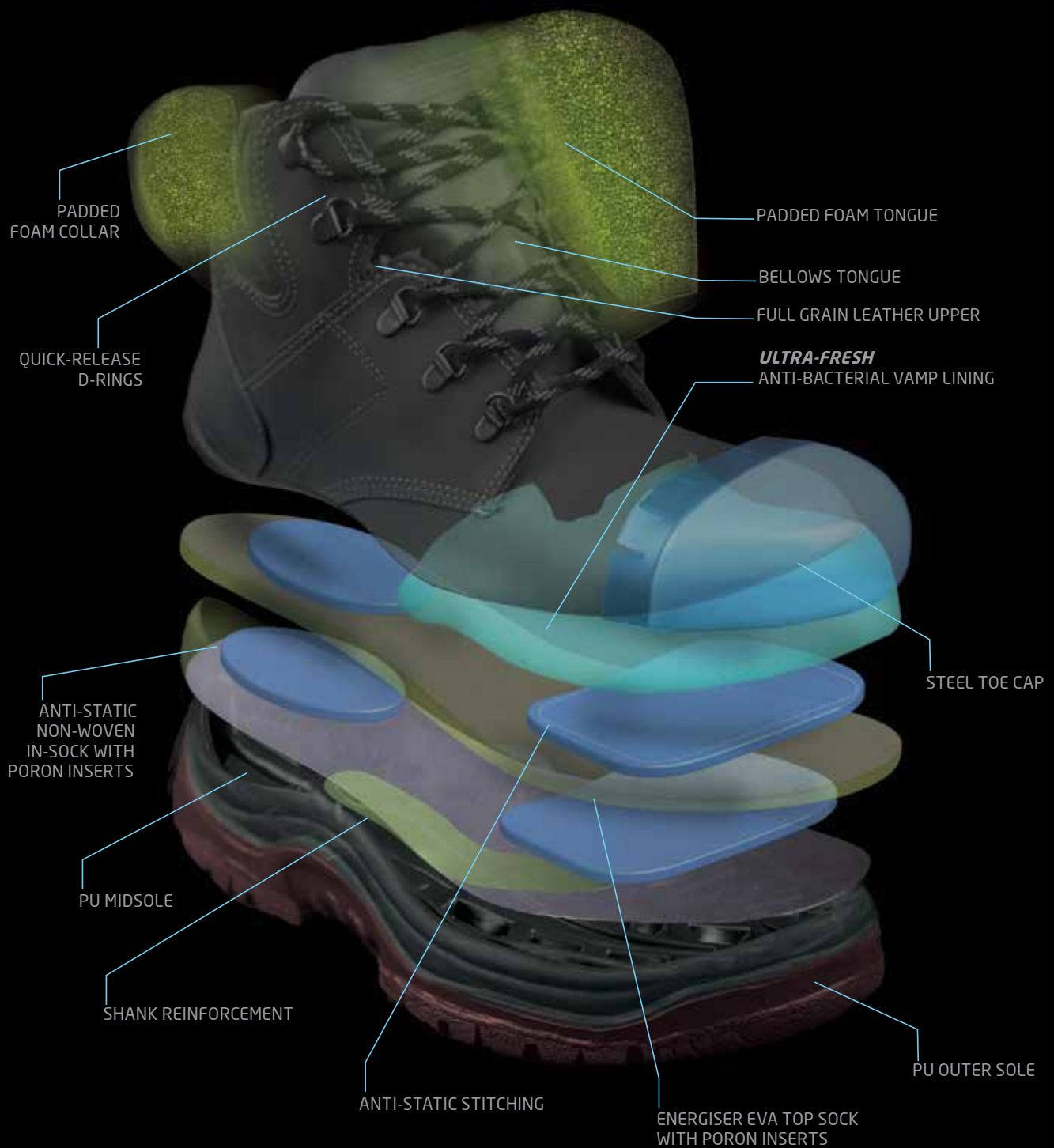
PERSONNEL

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



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



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 & SOCKS	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
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

EXTENDED
SIZE RANGE

UPPER	Full grain leather 5 pair D-Ring lace-up Padded collar for comfort Reflective safety tab on rear for enhanced visibility
LINING & SOCKS	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
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	



CORE RANGE

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



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



TRAX RANGE

Advanced comfort engineering for workers on their feet all day



BREMEN 20001 ♂
Advanced comfort safety shoe

Sizes 5-13
Colour Black



SRC
SLIP
RESISTANCE
RATING

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



SRC
SLIP
RESISTANCE
RATING

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



HIKER 20013 ♂
Advanced comfort safety boot

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



SRC
SLIP
RESISTANCE
RATING

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	



RECOMMENDED
FOR INDIVIDUALS
WITH DIABETES

SRC
SLIP
RESISTANCE
RATING

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	



A C T I V R A N G E

Metal-free, safety footwear with comfort engineering



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	



FROM BOOTS TO SUITS

HEAD-TO-TOE
SAFETY WEAR
MADE IN SA

FOOTWEAR | WORKWEAR | HARNESSES | ARC FLASH SUITS

visit www.zarsafety.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

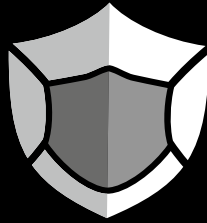
RUBBER/RUBBER

Superior protection in extreme conditions

PG 35

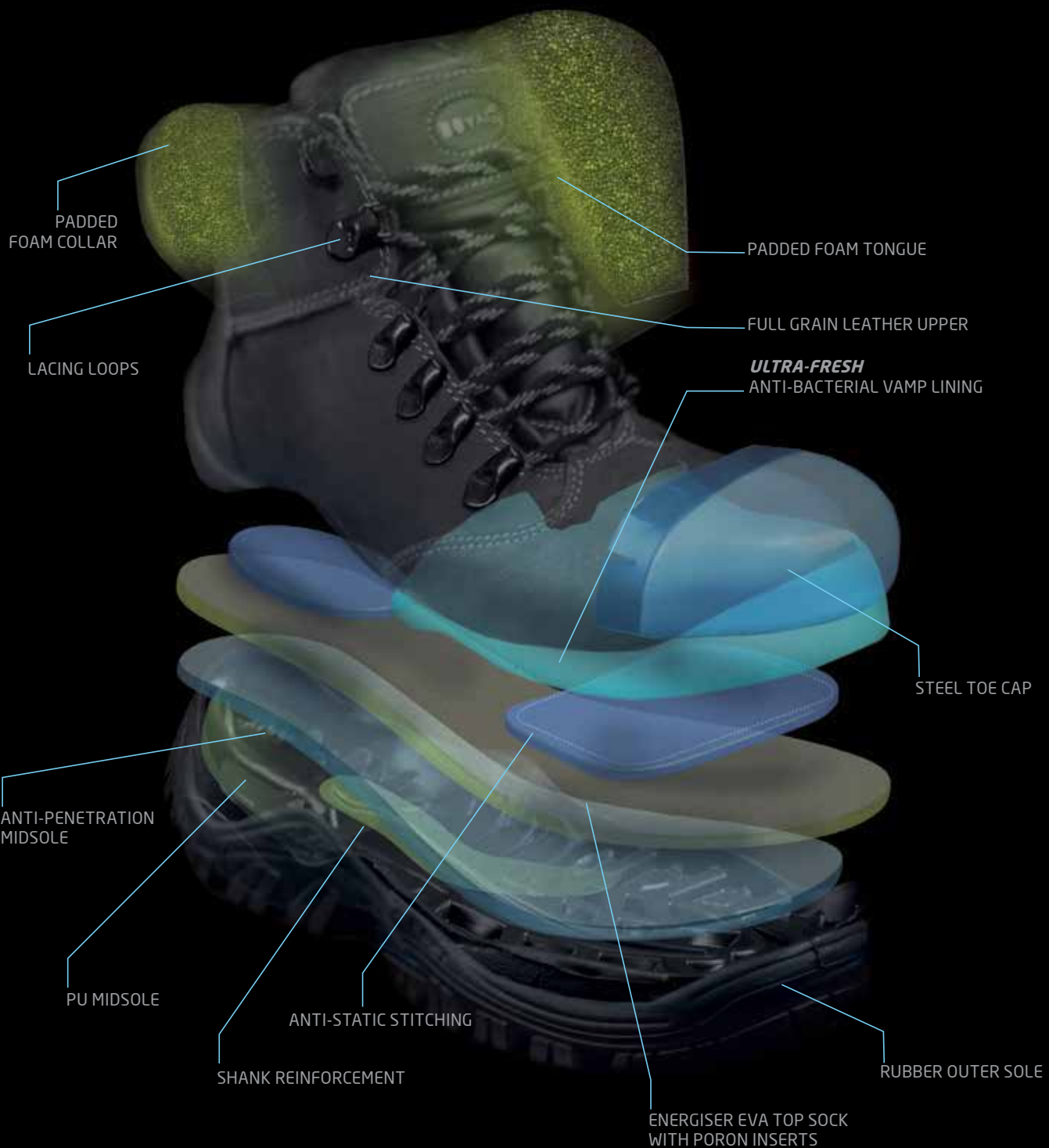
PERSONNEL

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 for
- & 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



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



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



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	



METAGUARD 42005 ♂

Heat-resistant safety boot

Sizes
4-13

Colour
Black



WITH
METATARSAL
PROTECTION
ENGINEERING

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



CE



EN

WITH KEVLAR
FEATURES

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



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	



RIGGER 42770 ♂
Heat-resistant safety boot

Sizes 5-13
Colour Black



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	



FREEZER 42018 ♂
Extreme cold safety boot

Sizes 5-13
Colour Black - MTO



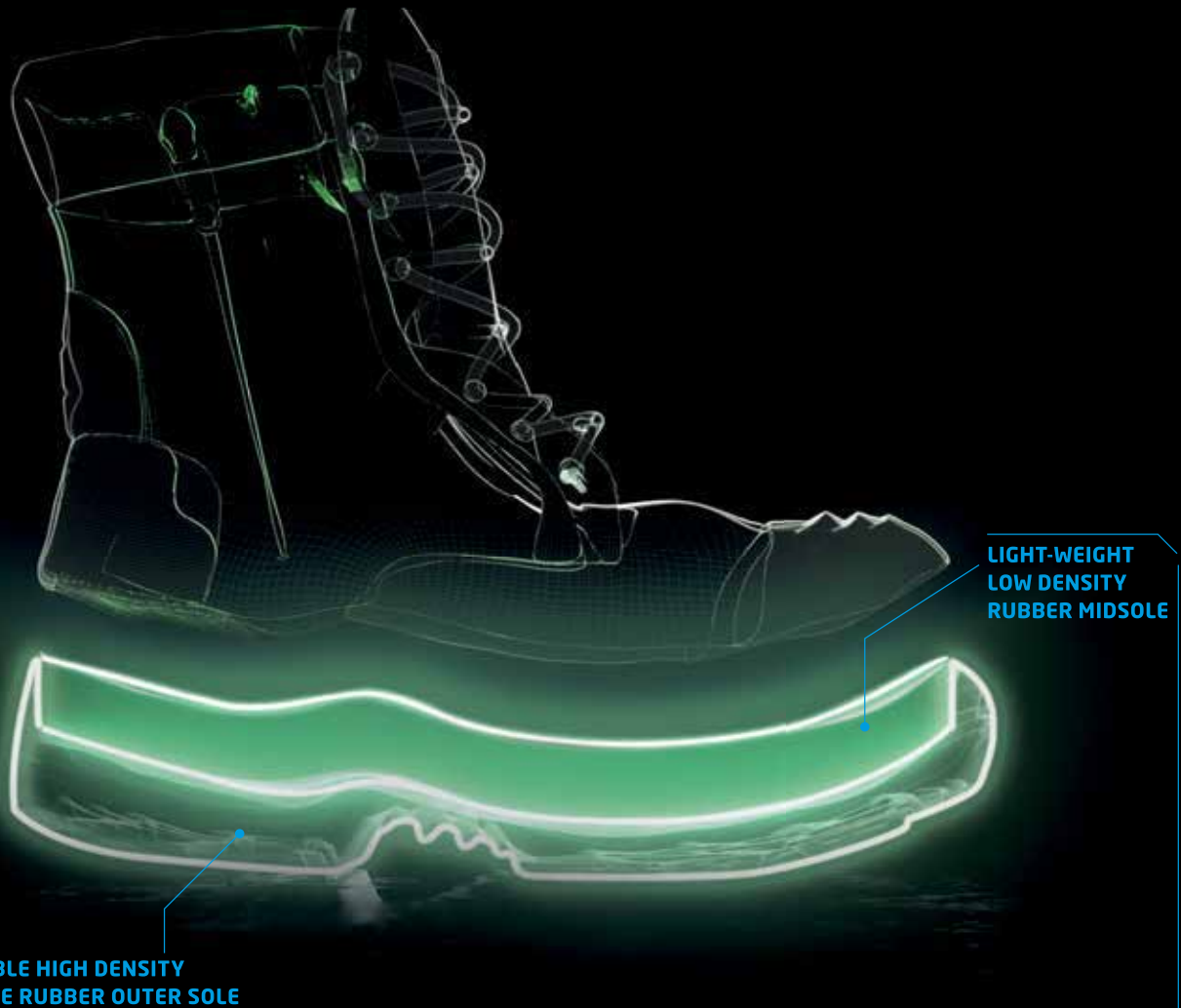
3M
THINSULATE
MATERIAL

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	



DUAL COMPOUND RUBBER

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



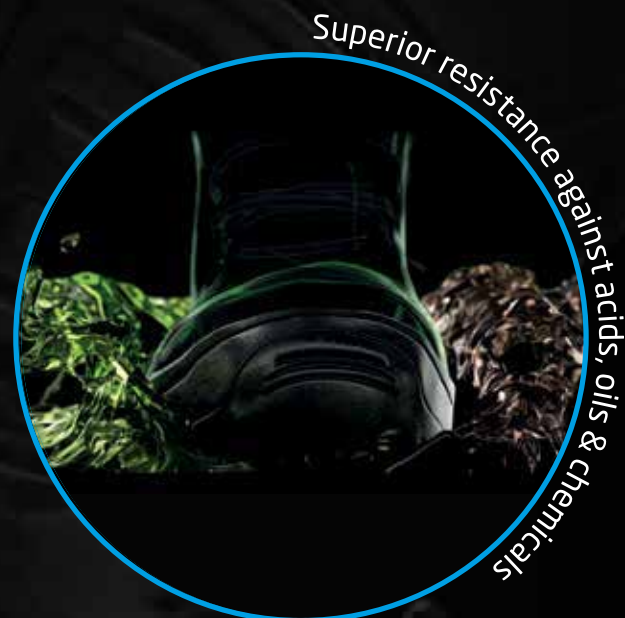
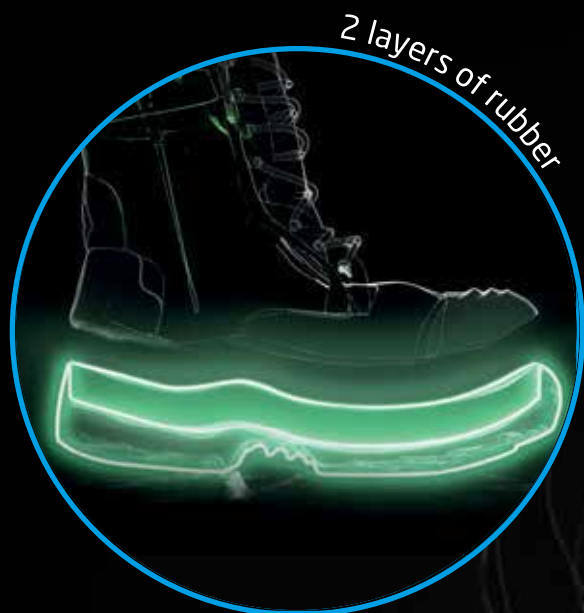
**DURABLE HIGH DENSITY
NITRILE RUBBER OUTER SOLE**

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

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





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



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



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 - MT0)
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



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



GRANITE 7900 ♂
Working on Fire Safety boot

Sizes 6-13
Colour Black (MTO)



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

EXTREMWEAR



IGNEOUS 7150 ♂
Durable Safety boot

Sizes 4-14
Colour Black



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





PATRIOT 7010 ♂
Security Safety boot

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



300°C
DIRECT &
RADIANT HEAT
RESISTANCE

100%
WATERPROOF
RESISTANT
SOLE

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, 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



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



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



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

SPRAYS / LACES / TOOLS

PG 49

TOP SOCKS

PG 50

A C C E S S O R I E S R A N G E





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.

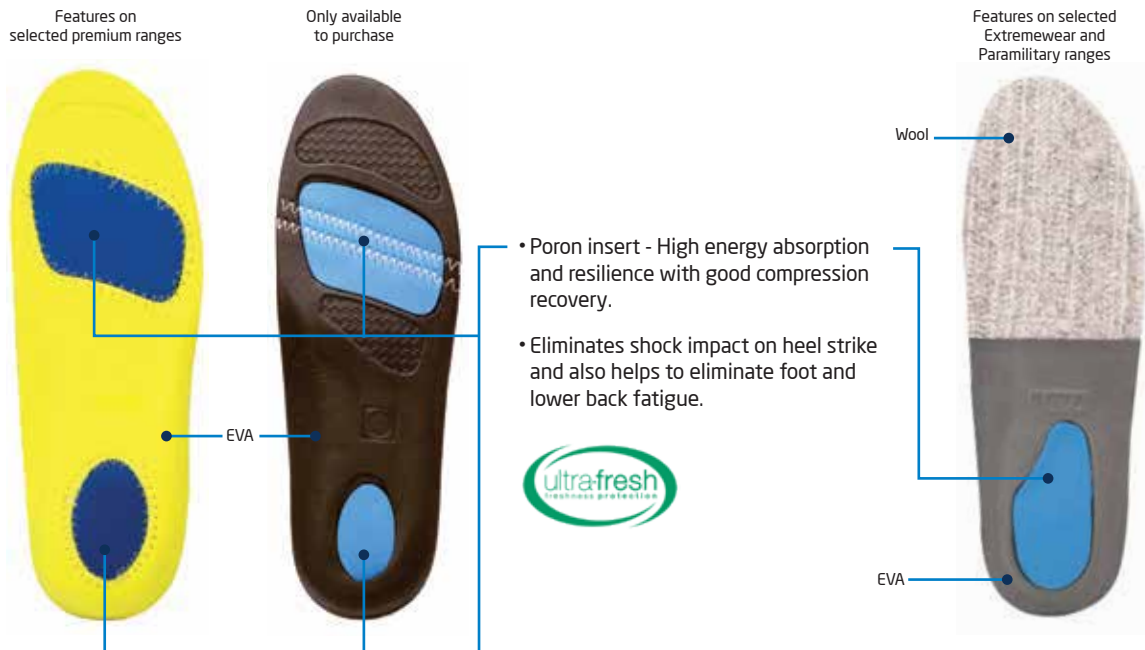


BOVA SHOELACES

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



Only available to purchase

SPACER

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



Standard on our entry level ranges

ENERGISER WOOLLEN TOP SOCK

The Energiser 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.





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



CHEMICAL RESISTANCE TABLE

THIS TABLE IS ONLY RELEVANT TO POLYURETHANE (PU) SOLES



DISSOLVES



POOR
more than 30% change



FAIR
16 - 30% change



GOOD
4 - 15% change



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	Perchlorethylene	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



ZARSAFETY
PROTECTING PEOPLE EVERYWHERE



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