



SAFETY WEAR

2025

CATALOGUE - VOL 1





At BOVA, we are dedicated to redefining the safety industry through superior technological innovations. Driven by a relentless pursuit of excellence, we focus on pioneering cutting-edge, premium quality safety solutions that are purpose-engineered to offer the ultimate protection in a wide range of industries and applications.

At our core is a fierce commitment to designing and developing the latest in technically advanced safety wear. Our team of safety experts continuously redesign every product in our range, with superior protection built into every stitch, lace and button.

Whether we're designing new products or enhancing our existing ranges, we dedicate significant time and expertise into gaining a deep understanding of the various dangers faced by those who will use and rely on our products. Working with technical experts and qualified specialists enables us to create safety wear that meets and exceeds the needs of those working in diverse industries.

We pride ourselves in offering a diverse range of safety products, including safety footwear, workwear, fall protection and thermal protection. From the ground up, our protective solutions are engineered with precision and meticulous attention to detail. By leveraging the latest advances in materials, ergonomics, durability and more, we are able to deliver highly-effective and dependable safety solutions that provide all-day comfort.

Our products are backed by international quality standards, with all our safety wear manufactured in ISO 9001-accredited facilities using state-of-the-art technology. This commitment to upholding global standards has seen us expand into 33 countries across the world, bringing unrivalled safety solutions to Africa and beyond.

With all our products proudly manufactured in South Africa, you can rest assured that you're getting safety wear that is designed for local environments.

If you're looking for innovative and technologically advanced safety wear you can trust, choose BOVA today.

PROUDLY SOUTH AFRICAN SAFETYWEAR

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HEAVYWEAR RANGE

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- MULTI-PURPOSE
- ROPE ACCESS & RESCUE

EXTREMEWEAR RANGE

- MINING
- ELECTRICAL
- WELDING

LANYARD RANGE

- STANDARD LANYARDS
- SPECIALISED LANYARDS

ACCESSORIES RANGE

- CLIMBING SLINGS
- ANCHOR STRAPS

BELT RANGE

- CAP LAMP BELT
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TEMPORARY LIFELINES

- TEMPORARY HORIZONTAL LIFELINE

WORKWEAR

CONTI SUIT RANGE

- 65/35 POLY COTTON
- POLY VISCOSE
- J54 100% COTTON
- DENIM CONTI SUITS
- D59 100% COTTON
- HIGH VIZ

DUST COAT RANGE

- 65/35 POLY COTTON
- ACID RESISTANT

HIGH VISIBILITY SHIRTS RANGE

- SHIRTS



RESEARCH & DEVELOPMENT

Constant research, development and improvement is built into our DNA. When we're designing a new product or upgrading one of our existing ranges, the first thing we do is develop a deep understanding of the industry in which they will be used, leveraging these insights to ensure that our boots offer unrivalled protection against the dangers you face.

Every boot we develop has been carefully considered to maximise safety, comfort and durability, from the design and materials we use, to specific features and treatments that enhance the boot's performance.

LEATHER



BOVA proudly incorporates Gold-Standard Leather that has achieved the highest rating from the Leather Working Group - a global authority dedicated to sustainable and ethical practices in the leather industry - into our footwear, ensuring superior quality and sustainable craftsmanship.

SOLE UNITS



Our commitment to ensuring the ideal materials for the job doesn't end there - each sole is designed for optimal performance in specific industries. PU offers lightweight flexibility for cushioning and shock absorption; dual-density PU provides enhanced cushioning and long-lasting durability; PU/Rubber soles are both comfortable and durable, with excellent slip resistance; PU/Vibram soles offer unmatched grip, durability and support; and dual rubber soles deliver maximum durability in extreme environments.

ULTRA-FRESH TECHNOLOGY



When you're working in harsh environments, hygiene is absolutely critical. That's why all our boots are treated with Ultra-Fresh® antimicrobial technology to inhibit bacteria, mould, mildew and fungi, keeping your footwear fresh, clean and odour-free.

So no matter what you need your boots to do, there's a BOVA for you.



LIGHTWEAR RANGE

Durable safety solutions for everyday light business hazards

EXECUTIVE RANGE

OXFORD: 77006



SR

ANTI-STATIC



Sizes

5-12

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Single density PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0621



LIGHTWEAR RANGE

Durable safety solutions for everyday light business hazards

UTILITY RANGE

ADAPT: 71442



ANTI-STATIC



Sizes

5-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Single density PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0119



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

HAMBURG: 90008



ANTI-STATIC



Sizes

4-13

Colour

Grey

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Dual-density PU/PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0116



LIGHTWEAR RANGE

Durable safety solutions for everyday light business hazards

EXECUTIVE RANGE

JARMAN: 77003



SR

ANTI-STATIC



CE

Sizes

5-12

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Single density PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

EN/ISO 20345 SANS/ISO20345 NRCS/9002/287766/0622



LIGHTWEAR RANGE

Durable safety solutions for everyday light business hazards

UTILITY RANGE

MULTI: 71441



ANTI-STATIC



Sizes

5-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Single density PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0120



HEAVYWEAR RANGE

Durable safety solutions for everyday light business hazards

CORE RANGE

TRAINER: 60012



ANTI-STATIC



FREE GOODYEAR

Sizes

4-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel

SOLE: Dual-density PU/PU (heat-resistant up to 95°C)

MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0171



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

MAVERICK: 60002



ANTI-
STATIC

CE



Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: SMS available (60702 - NRCS/9002/287766/0290)

EN / ISO 20345

NRCS/9002/287766/0169



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

NEOFLEX: 90004



ANTI-
STATIC

EXTENDED
SIZE
RANGE

CE



Sizes
3-15

Colour
Black &
Richmond

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: SMS available (90704 - NRCS/9002/287766/0433)
The steel midsole (SMS) is S3 rated

EN / ISO 20345

NRCS/9002/287766/0055



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

CHELSEA: 90006



ANTI-
STATIC

CE



Sizes
3-13

Colour
Black & Brown

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: APT midsole available (90606 - NRCS/9002/287766/0452)
The anti-penetration midsole (APT) is S3 rated

EN / ISO 20345

NRCS/9002/287766/0170



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

RADICAL: 60001



ANTI-
STATIC

CE



Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support

EN / ISO 20345

NRCS/9002/287766/0165



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

CORE RANGE

NEOGRIP: 90005



ANTI-
STATIC

CE



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: SMS available (90705 - NRCS/9002/287766/0434 (MT0))
The steel midsole (SMS) is S3 rated

EN / ISO 20345

NRCS/9002/287766/0117



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

HIKER 2.0: 21013



SR

ANTI-
STATIC



Sizes
3-13

Colour
Black & Brown

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support

EN / ISO 20345

NRCS/9002/287766/0390

Sizes 3 and 4 are injected using a different mould, but they maintain the same accreditations



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

BREMEN 2.0: 21001



SR

ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: SMS available (21701 - NRCS/9002/287766/0449 (MTO))
The steel midsole (SMS) is S3 rated

EN / ISO 20345 NRCS/9002/287766/0446



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

TAHOE: 21021



SR

ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support

EN / ISO 20345 NRCS/9002/287766/0432



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

BREMEN: 20001



ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for additional arch support
SMS midsole available (20701 (MTO))

SANS/ISO 20345 NRCS/9002/287766/0162



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

MUNICH 2.0: 21002



SR

ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: SMS available (21702 - NRCS/9002/287766/0450 (MTO))
The steel midsole (SMS) is S3 rated

EN / ISO 20345 NRCS/9002/287766/0447



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

AMATHOLE: 21018



SR

ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support | APT midsole available (21618 (MTO))

EN / ISO 20345 NRCS/9002/287766/0389



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

MUNICH: 20002



ANTI-
STATIC



Sizes
5-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for additional arch support
SMS midsole available (20701 (MTO))

SANS/ISO 20345 NRCS/9002/287766/0161



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

TRAX RANGE

HIKER: 20013



ANTI-STATIC

SABS APPROVED



Sizes
3-13

Colour
Black & Walnut (MTO)

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide fitting
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for additional arch support

SANS/ISO 20345 NRCS/9002/287766/0146

Sizes 3 and 4 are injected using a different mould, but they maintain the same accreditations



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

AKTIV RANGE

ATLANTIS: 30006



ANTI-STATIC

METAL FREE

SABS APPROVED



Sizes
5-12

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Composite
SOLE: Dual-density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0428



HEAVYWEAR RANGE

Hard-working protection for heavy industry demands

AKTIV RANGE

COLUMBIA: 30005



ANTI-STATIC

METAL FREE



Sizes
5-12

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Composite
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Shank reinforcement for arch support

EN / ISO 20345 NRCS/9002/287766/0288



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

RINGO: 60614

SR

S3

METAL
FREE

ESD

Sizes

3-13

Colour

Black



SPECIFIC FEATURES:

- TOE CAP:** Fibreglass toe cap with 200J impact resistance
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Kevlar anti-penetration midsole

ISO 20345:2021



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

RIDER: 80606

SR

S3

METAL
FREE

Sizes

5-13

Colour

Black & Brown



SPECIFIC FEATURES:

- TOE CAP:** Fibreglass toe cap with 200J impact resistance
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Kevlar anti-penetration midsole

ISO 20345:2021



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

MAX: 81013

SR

S3

Sizes

4-13

Colour

Black & Brown



SPECIFIC FEATURES:

- TOE CAP:** Steel toe cap with 200J impact resistance
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Kevlar anti-penetration midsole

ISO 20345:2021



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

RIDER PLUS: 81606

SR

S3

Sizes

4-13

Colour

Brown



SPECIFIC FEATURES:

- TOE CAP:** Steel toe cap with 200J impact resistance
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Kevlar anti-penetration midsole

ISO 20345:2021



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

RIDER NSTC: 80506

SR

Sizes

5-13

Colour

Brown



SPECIFIC FEATURES:

- TOE CAP:** Soft toe
SOLE: Double density PU/PU (heat-resistant up to 95°C)

ISO 20347:2021



HEAVYWEAR RANGE

Purpose-engineered safety boots where style meets function

PERFORMANCE RANGE

MAX: 80013

SR

S3

Sizes

4-13

Colour

Honey



SPECIFIC FEATURES:

- TOE CAP:** Steel toe cap with 200J impact resistance
SOLE: Double density PU/PU (heat-resistant up to 95°C)
MIDSOLE: Kevlar anti-penetration midsole

ISO 20345:2021



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

METAGUARD: 42005



NON CONDUCTIVE

WITH METATARSAL PROTECTION ENGINEERING

SABS APPROVED



Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)
MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

FIRESTRIDE: 42612



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

SABS APPROVED



NON CONDUCTIVE

Sizes
3-13

Colour
Black (MTO)

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)
MIDSOLE: Standard with APT

SANS / ISO 20345 NRCS/9002/287766/0427



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

SMELTERS METAGUARD: 42008



NON CONDUCTIVE

WITH KEVLAR FEATURES

SABS APPROVED



CE

WITH METATARSAL PROTECTION ENGINEERING

Sizes
5-13

Colour
Black (MTO)

SPECIFIC FEATURES:

TOE CAP: Aluminium
SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)
MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0343



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

FIREWALK: 42003



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

CE

SABS APPROVED



NON CONDUCTIVE

Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)
MIDSOLE: APT midsole available (42603 SMS (MTO) - NRCS/9002/287766/0454)

EN / ISO 20345 NRCS/9002/287766/0134



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

WELDERS: 42004



NON CONDUCTIVE

WITH SPAT COVERING

SABS APPROVED



Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)
MIDSOLE: Shank reinforcement for arch support
APT midsole available (42603)

SANS / ISO 20345 NRCS/9002/287766/0315



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

FREEZER: 42018



NON CONDUCTIVE

3M THINSULATE MATERIAL

SABS APPROVED



Sizes
5-13

Colour
Black (MTO)

SPECIFIC FEATURES:

TOE CAP: Steel
SOLE: Dual-density PU/Rubber (cold-resistant down to -25°C & heat-resistant up to 300°C)
MIDSOLE: Shank reinforcement for arch support

SANS / ISO 20345 NRCS/9002/287766/0426



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

SMELTERS VELCRO: 42006



NON
CONDUCTIVE

WITH
KEVLAR
FEATURES



Sizes

4-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Aluminium

SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)

MIDSOLE: APT midsole available (42606 / MTO)

EN / ISO 20345

NRCS/9002/287766/0326



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

SMELTERS BUCKLE: 42007



NON
CONDUCTIVE

WITH
KEVLAR
FEATURES



Sizes

4-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Aluminium

SOLE: Dual-density PU/Rubber (heat-resistant up to 300°C)

MIDSOLE: APT midsole available (MTO) (42607 - NRCS/9002/287766/0373)

EN / ISO 20345

NRCS/9002/287766/0327



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/VIBRAM RANGE

DROGUE: 43602



NON
CONDUCTIVE

SR

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



Sizes

4-13

Colour

Black

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide Fitting

SOLE: Dual-density PU/Vibram Rubber (heat-resistant up to 300°C)

MIDSOLE: Standard with APT

SANS / ISO 20345

NRCS/9002/287766/0437



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/RUBBER RANGE

WILDLAND: 42699



Sizes

4-13

Colour

Black (MTO)

SPECIFIC FEATURES:

TOE CAP: Steel | Available without steel toe cap (42899 (MTO))

SOLE: Double Density PU/Rubber (heat-resistant up to 300°C)

MIDSOLE: Standard with APT



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/VIBRAM RANGE

RIGGER PRO: 43605



NON
CONDUCTIVE

SR

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



Sizes

4-13

Colour

Black and Tan

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-Wide Fitting

SOLE: Dual-density PU/Vibram Rubber (heat-resistant up to 300°C)

MIDSOLE: Standard with APT

EN/ISO 20345

NRCS/9002/287766/0442



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/VIBRAM RANGE

NEBULA: 43603



NON
CONDUCTIVE

SR

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



Sizes

4-13

Colour

Brown

SPECIFIC FEATURES:

TOE CAP: Steel - Extra-wide Fitting

SOLE: Dual-density PU/Vibram Rubber (heat-resistant up to 300°C)

MIDSOLE: Standard with APT

SANS / ISO 20345

NRCS/9002/287766/0487



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

PU/VIBRAM RANGE

ROCNA: 43601



NON
CONDUCTIVE

SR

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



Sizes
4-13

Colour
Black

SPECIFIC FEATURES:

- TOE CAP:** Steel - Extra-wide Fitting
SOLE: Dual-density PU/Vibram Rubber (heat-resistant up to 300°C)
MIDSOLE: Standard with APT

SANS / ISO 20345



PARAMILITARY RANGE

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

LEATHER RANGE

SWAT: 90561



ANTI-
STATIC



Sizes
3-13

Colour
Black & Walnut
(MTO)

SPECIFIC FEATURES:

- TOE CAP:** No toe cap
SOLE: Double density PU/PU (heat-resistant up to 95°C)
Available with Single Density PU/PU (71561)
MIDSOLE: Shank reinforcement for arch support

SANS/ISO 20347



PARAMILITARY RANGE

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

CANVAS RANGE

GUARD: 83006



ANTI-
STATIC



Sizes
3-13

Colour
Black

SPECIFIC FEATURES:

- TOE CAP:** No toe cap
SOLE: Single density PU (heat-resistant up to 95°C)

SANS/ISO 20347



PARAMILITARY RANGE

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

LEATHER RANGE

POLICE: 90498



ANTI-
STATIC

CE



Sizes
3-13

Colour
Black

SPECIFIC FEATURES:

- TOE CAP:** Steel | Available without steel toe cap (90598 (MTO))
SOLE: Double density PU/PU (heat-resistant up to 95°C)

EN / ISO 20345 NRCS/9002/287766/0179



PARAMILITARY RANGE

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

CANVAS RANGE

RANGER: 83029 ♂



ANTI-
STATIC



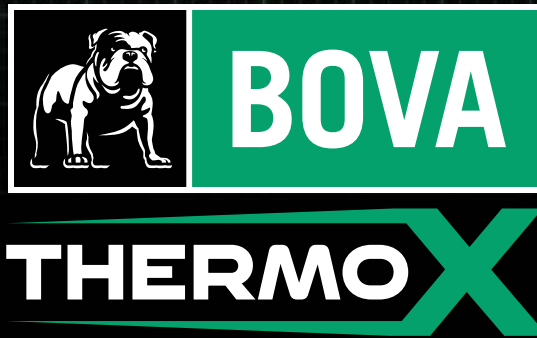
Sizes
3-13

Colour
Black

SPECIFIC FEATURES:

- TOE CAP:** No toe cap
SOLE: Single density PU (heat-resistant up to 95°C)

SANS/ISO 20347



Our latest Thermo X range has been developed in collaboration with other South African entities to provide a truly homegrown solution that offers **Xtreme Durability, Xtreme Heat and Flame Resistance, and Xtreme Comfort.**

The **TX rubber compound** utilised in the sole unit is a Bova Xclusive, offering durability, heat resistance and flame resistance up to 1000°C. The full rubber sole unit eliminates the threat of hydrolysis normally associated with PU soles/midsoles while providing superior resistance to abrasion, heat, water and certain chemicals. The sole unit is cemented and sidewall-stitched, designed to withstand the harshest environments.

The **Dual Compound System (DCS)** incorporates a fully encased EVA midsole for cushioning and shock absorption while still providing protection against radiant heat due to the rubber covering the entire sole unit.

Vlamprufe leather treatment employs advanced polymer chemistry to permeate deep into the leather's fibre structure for increased resistance against fire and to self-extinguish flames at a much faster rate. The treatment enhances the leather's fire retardancy without affecting the natural, full-grain leather qualities. Fire retardant laces are incorporated as standard where applicable.

The wider shape has been designed and approved by an **expert podiatrist**. The PU/Elastopan footbed and EVA midsole provides the comfort required for long days in harsh environments. All styles within the Thermo X range come standard with an anti-penetration Kevlar midsole for added protection.



300°C direct & radiant heat resistance



Waterproof sole



Superior abrasion resistance



Fully encased EVA midsole enhances shock absorbercy and cushioning



Superior resistance against acids, oils & chemicals



Full Rubber Sole | 300°C Heat Resistance
800°C - 1000°C Flame Resistance



Dual Compound System with
Rubber Encased EVA Midsole



VLAMPRUFE
Enhanced FR Leather



ERGONOMIC
DESIGN
PODIATRIST
APPROVED
XTRA WIDE FIT



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

THERMO-X RANGE

OBSIDIAN: 3507



ANTI-STATIC

HEAT RESISTANCE UP TO 300 °C



Sizes

4-14

Colour

Black



SPECIFIC FEATURES:

TOE CAP: Steel (extra-wide fitting)
SOLE: Cemented and sidewall stitched TX Rubber
Heat-resistant up to 300°C
MIDSOLE: Dual Compound System with Rubber Encased EVA Midsole, standard with APT

EN / ISO 20345



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

THERMO-X RANGE

GRANITE: 3100



ANTI-STATIC

HEAT RESISTANCE UP TO 300 °C



Sizes

4-14

Colour

Black



SPECIFIC FEATURES:

TOE CAP: No toe cap
SOLE: Cemented and sidewall stitched TX Rubber
Heat-resistant up to 300°C
MIDSOLE: Dual Compound System with Rubber Encased EVA Midsole, standard with APT

SANS/ISO 20347



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

THERMO-X RANGE

GABBRO: 3504



ANTI-STATIC

HEAT RESISTANCE UP TO 300 °C



Sizes

4-14

Colour

Black



SPECIFIC FEATURES:

TOE CAP: Steel (extra-wide fitting)
Can withstand an impact load of 200J
SOLE: Cemented and sidewall stitched TX Rubber
Heat-resistant up to 300°C
MIDSOLE: Dual Compound System with Rubber Encased EVA Midsole, standard with APT

EN / ISO 20345



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

THERMO-X RANGE

IGNEOUS: 3506



ANTI-STATIC

HEAT RESISTANCE UP TO 300 °C



Sizes

4-14

Colour

Black



SPECIFIC FEATURES:

TOE CAP: Steel (extra-wide fitting)
SOLE: Cemented and sidewall stitched TX Rubber
Heat-resistant up to 300°C
MIDSOLE: Dual Compound System with Rubber Encased EVA Midsole, standard with APT

EN / ISO 20345



EXTREMEWEAR RANGE

Superior protection for the harshest work environments

THERMO-X RANGE

BASALT: 3505



ANTI-STATIC

HEAT RESISTANCE UP TO 300 °C



Sizes

4-14

Colour

Black



SPECIFIC FEATURES:

TOE CAP: Steel (extra-wide fitting)
Can withstand an impact load of 200J
SOLE: Cemented and sidewall stitched TX Rubber
Heat-resistant up to 300°C
MIDSOLE: Dual Compound System with Rubber Encased EVA Midsole, standard with APT

EN / ISO 20345



FALL PROTECTION



GENERALWEAR RANGE - CORE

CODE: HARN01000

FULL BODY HARNESS

WITH STANDING STEP



SPECIFIC FEATURES:

- SIZING:** • ONE SIZE FITS ALL
- STANDARDS:** • SANS 50361 | EN 361
- FEATURES:** • Adjustable leg & chest straps

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN

GENERALWEAR RANGE - CORE

CODE: HARN02000

2 POINT HARNESS



SPECIFIC FEATURES:

- SIZING:** • ONE SIZE FITS ALL
- STANDARDS:** • SANS 50361 | EN 361
- FEATURES:** • 2 attachment points: Chest & dorsal D-ring
• Adjustable leg & chest straps

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- D-ring:** • Corrosion-resistant steel D-rings with a minimum breaking force of 22kN

GENERALWEAR RANGE - CORE

CODE: HARN01260

STANDARD HARNESS DOUBLE LEG LANYARD WITH SCAFF HOOKS

WITH STANDING STEP



SPECIFIC FEATURES:

- SIZING:** • ONE SIZE FITS ALL
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable leg & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel scaffolding hooks with 50mm gate opening

GENERALWEAR RANGE - CORE

CODE: HARD01220

STANDARD HARNESS DOUBLE LEG LANYARD WITH SCAFF HOOKS



SPECIFIC FEATURES:

- SIZING:** • ONE SIZE FITS ALL
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable leg & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel scaffolding hooks with 50mm gate opening

GENERALWEAR RANGE - CORE

CODE: HARN01250

STANDARD HARNESS DOUBLE LEG LANYARD WITH SNAP HOOKS

WITH STANDING STEP



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable leg & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

GENERALWEAR RANGE - CORE

CODE: HARD01210

STANDARD HARNESS DOUBLE LEG LANYARD WITH SNAP HOOKS



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable leg & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

GENERALWEAR RANGE - CORE

CODE: HARN01110

NON-BELTED HARNESS SINGLE LEG LANYARD WITH SNAP HOOK



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable leg & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hook:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

GENERALWEAR RANGE - CORE+

CODE: HARD02210

BELTED HARNESS DOUBLE LEG LANYARD WITH SNAP HOOKS



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable shoulder, leg, waist & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

GENERALWEAR RANGE - CORE⁺

CODE: HARN02260

BELTED HARNESS DOUBLE LEG LANYARD WITH SCAFF HOOKS

WITH STANDING STEP



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable shoulder, leg, waist & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel scaffolding hooks with 50mm gate opening

GENERALWEAR RANGE - CORE⁺

CODE: HARD02220

BELTED HARNESS DOUBLE LEG LANYARD WITH SCAFF HOOKS



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
SANS 50361 | EN 361
EN 362
- FEATURES:** • Adjustable shoulder, leg, waist & chest straps
• Shock absorbing lanyard

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel scaffolding hooks with 50mm gate opening

HEAVYWEAR RANGE - UNDERGROUND MINING

EXCAVO - HARN30000

MINING HARNESS



SPECIFIC FEATURES:

- SIZING:** • **S | M | L | XL**
- STANDARDS:** • SANS 50361 | EN 361
- FEATURES:** • Rescue pack & battery straps
• 3 attachment points: Dorsal D-ring & 2 frontal attachment points
• Adjustable leg, shoulder, chest & waist straps
• Padded waist & shoulder straps
• Standing step

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Padding:** • 5mm laminated foam to spread pressure over a larger area
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN

HEAVYWEAR RANGE - MULTI-PURPOSE

AGILIS - HARN40000

MULTI-PURPOSE HARNESS



SPECIFIC FEATURES:

- SIZING:** • **S | M | L | XL**
- STANDARDS:** • SANS 50361 | EN 361
SANS 50358 | EN 358
- FEATURES:** • 4 attachment points: Chest & dorsal D-ring with work positioning D-rings
• Adjustable leg, waist, shoulder & chest straps
• Padded waist
• Standing step

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Padding:** • 5mm laminated foam to spread pressure over a larger area
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN

HEAVYWEAR RANGE - ROPE ACCESS & RESCUE

GORDIAN - HARN50000

ROPE ACCESS & RESCUE HARNESS



SPECIFIC FEATURES:

- SIZING:** • S | M | L | XL
- STANDARDS:** • SANS 50361 | EN 361
SANS 50358 | EN 358
SANS 50813 | EN 813
- FEATURES:** • 5 attachment points: Front waist, chest & dorsal D-ring with work positioning D-rings & gear loops
• Adjustable leg, waist, shoulder & back straps
• Padding in the leg & waist areas

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Padding:** • 5mm laminated foam to spread pressure over a larger area
- Buckles:** • Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Front Connector:** • Steel screw gate carabiner with a minimum breaking strength of 25kN

EXTREMEWEAR RANGE - MINING

KHUMBA - HARN51212

ROPE ACCESS & RESCUE HARNESS



SPECIFIC FEATURES:

- SIZING:** • S | M | L | XL
- STANDARDS:** • SANS 50361 | EN 361
SANS 50358 | EN 358
SANS 50813 | EN 813
- FEATURES:** • 5 aluminium attachment points
• Adjustable aluminium quick-release buckles on the leg & waist area with adjustable aluminium buckles on the shoulder & back strap
• Padding in the leg, waist & shoulder areas
• Standing step
• Flame retardant webbing

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant & flame retardant webbing with a minimum breaking load of 3,2 tonnes
- Padding:** • 5mm laminated foam encased in a Cordura flame retardant nylon/cotton blend fabric
- Buckles:** • Aluminium corrosion-resistant quick-release buckles with a minimum breaking force of 18kN
- Front Connector:** • Steel screw gate carabiner with a min. breaking strength of 25kN

HEAVYWEAR RANGE - ROPE ACCESS & RESCUE

GORDIAN PRO - HARN50303

ROPE ACCESS & RESCUE HARNESS



SPECIFIC FEATURES:

- SIZING:** • S | M | L | XL
- STANDARDS:** • SANS 50361 | EN 361
SANS 50358 | EN 358
SANS 50813 | EN 813
- FEATURES:** • 5 attachment points: Front waist, chest & dorsal D-ring with work positioning D-rings & gear loops
• Adjustable leg, back leg, waist, shoulder & back straps with interlocking & quick-release buckles
• Padding in the leg, waist & shoulder areas

MATERIALS:



- Harness Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Padding:** • 5mm laminated foam to spread pressure over a large area
- Buckles:** • Corrosion-resistant steel quick-release buckles with a minimum breaking force of 18kN. Interlocking, corrosion-resistant steel buckles with a minimum breaking force of 18kN
- Front Connector:** • Steel screw gate carabiner with a minimum breaking strength of 25kN

EXTREMEWEAR RANGE - ELECTRICAL

ARC - HARN70000

MULTI-PURPOSE HARNESS



SPECIFIC FEATURES:

- SIZING:** • S | M | L | XL
- STANDARDS:** • SANS 50358 | EN 358
SANS 50361 | EN 361
ASDM F887-13 | ATPV 40Cal/cm²
- FEATURES:** • 4 aluminium attachment points: Chest & dorsal D-ring with work positioning D-rings

- Adjustable aluminium quick-release buckles on the leg, waist & abdominal area with adjustable aluminium buckles on the shoulder & back straps
- Padding in the leg, waist, & shoulder areas
- All attachment points, adjustments & padding are covered in full grain leather

MATERIALS:



- Harness Webbing:** • Fire retardant & ARC flash rated, 45mm Para-aramid/Meta-aramid blended webbing
- Padding:** • 5mm laminated foam encased in full grain leather
- Buckles:** • Aluminium corrosion-resistant quick-release buckles with a minimum breaking force of 18kN
- D-Rings:** • Corrosion-resistant aluminium D-rings with a min. breaking strength of 22kN

EXTREMEWEAR RANGE - WELDING

SPARK - HARN60000

WELDING HARNESS



SPECIFIC FEATURES:

- SIZING:** • ONE SIZE FITS ALL
- STANDARDS:** • SANS 50361 | EN 361
- FEATURES:** • 2 aluminium attachment points: Chest & dorsal D-ring
• Adjustable aluminium quick-release buckles on the leg & chest straps

MATERIALS:



- Harness Webbing:** • Flame retardant, 45mm Para-aramid / Meta-aramid blended webbing
- Buckles:** • Aluminium corrosion-resistant quick-release buckles with a minimum breaking force of 18kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY00210

DOUBLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Double leg with snap hooks
• Single leg with snap hook
• Shock absorber
• Supplied as a set of two

MATERIALS:



- Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 200mm when shock absorber is intact, 2 700mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - EXTENSIO RANGE

CODE: WPSR01010

WORK POSITIONING LANYARD



SPECIFIC FEATURES:

- SIZING:** • MAX 2000MM
- STANDARDS:** • SANS 50358 | EN 358
EN 362
- FEATURES:** • Two snap hooks
• Adjustable webbing with PVC protector

MATERIALS:



- Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Adjustment:** • 800mm - 2 000mm utilising a floating buckle
- Buckle:** • Corrosion-resistant steel buckle with a minimum breaking force of 18kN
- Protective Sleeve:** • PVC material for enhanced durability
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY01210

DOUBLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Double leg with snap hooks
• Single leg with snap hook
• Shock absorber

MATERIALS:



- Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel snap hooks with 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY01220

DOUBLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750mm
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Double leg with scaff hooks
• Single leg with snap hook
• Shock absorber

MATERIALS:



- Webbing:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel hooks:
- Scaffolding hooks: 50mm gate opening that can withstand a force of 23kN
- Snap hook: 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY01610

ELASTICATED SINGLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Elasticated single leg with scaff hook
• Single leg with snap hook
• Shock absorber

MATERIALS:



- Webbing:** • 25mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel hooks:
- Scaffolding hook: 50mm gate opening that can withstand a force of 23kN
- Snap hook: 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY01420

ADJUSTABLE DOUBLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Adjustable double leg with scaff hooks
• Single leg with screw gate carabiner
• Shock absorber

MATERIALS:



- Webbing:** • 25mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 400mm - 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Buckles:** • Corrosion-resistant steel buckles with minimum breaking force of 18kN
- Hooks:** • Corrosion-resistant steel scaffolding hooks: 50mm gate opening that can withstand a force of 23kN
- Carabiner:** • Corrosion-resistant steel screw gate carabiner: 23mm gate opening that can withstand a force of 23kN

LANYARD RANGE - EXTENSIO RANGE

CODE: LANY01620

ELASTICATED DOUBLE LEG LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Elasticated double leg with scaff hooks
• Single leg with snap hook
• Shock absorber

MATERIALS:



- Webbing:** • 25mm UV-resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 750mm when shock absorber is intact
- 3 450mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel hooks:
- Scaffolding hooks: 50mm gate opening that can withstand a force of 23kN
- Snap hook: 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - SPECIALISED

KHUMBA LANYARD - LANY05420

FIRE RETARDANT LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN354
SANS 50355 | EN355
EN362
- FEATURES:** • Adjustable double leg with aluminum pylon hooks
• Single leg with auto-lock carabiner
• Shock absorber
• Fire retardant webbing

MATERIALS:



- Webbing:** • Fire retardant, 25mm Para-aramid/Meta-aramid blended webbing with a minimum breaking load of 2,6 tonnes
- Lanyard Length:** • 1 400mm - 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Buckles:** • Corrosion-resistant steel buckles with minimum breaking force of 18kN
- Hooks:** • Aluminum pylon hooks: 60mm gate opening that can withstand a force of 23kN
- Carabiner:** • Auto-lock carabiner: 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - SPECIALISED

SPARK - LANY05220

ARC / WELDING LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
ASDM F887-13 | ATPV 40Cal/cm²
- FEATURES:** • Double leg with aluminium pylon hooks
• Single leg with aluminium auto-lock carabiner
• Shock absorber
• Fire retardant & ARC flash rated webbing

MATERIALS:



- Webbing:** • Fire retardant & ARC flash rated webbing, 25mm Para-aramid/Meta-aramid blended webbing with a minimum breaking load of 2,6 tonnes
- Shock Cover:** • Full grain leather sock to protect shock absorber from burns created by an ARC flash or sparks
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Hooks:** • Aluminum pylon hooks: 60mm gate opening that can withstand a force of 23kN
- Carabiner:** • Auto-lock carabiner: 20mm gate opening that can withstand a force of 22kN

LANYARD RANGE - SPECIALISED

CODE: LANY04220

WIRE ROPE LANYARD



SPECIFIC FEATURES:

- SIZING:** • 1750MM
- STANDARDS:** • SANS 50354 | EN 354
SANS 50355 | EN 355
EN 362
- FEATURES:** • Double leg with scaffolding hooks
• Single leg with snap hook
• Shock absorber

MATERIALS:



- Steel Wire Rope:** • 1.2m eye to eye, thimble eye, 6mm to 8mm corrosion resistant feral cover wire ends (This is not lifting equipment)>15kN
- Lanyard Length:** • 1 750mm when shock absorber is intact, 3 450mm when shock absorber is fully deployed
- Hooks:** • Corrosion-resistant steel hooks:
- Scaffolding hooks: 50mm gate opening that can withstand a force of 23kN
- Snap hooks: 20mm gate opening that can withstand a force of 22kN

ACCESSORIES RANGE - ENDLESS ROUND SLING

CODE: ERCS01000

ENDLESS ROUND SLING



SPECIFIC FEATURES:

- SIZING:** • 1500mm
- STANDARDS:** • SANS 50795 | EN 795
- FEATURES:**
- 38mm seatbelt webbing encased into 50mm tubular webbing
 - Supplied as a set of two

MATERIALS:



- Webbing:**
- 45mm UV-resistant polyester webbing with a minimum breaking strength of
 - Straight - 25kN
 - Basket - 50kN
 - Backlash - 20kN
- Length:**
- 1500mm per sling

ACCESSORIES RANGE - ANCHOR STRAP

CODE: ANST01000 | ANST01500

ANCHOR STRAP

SPECIFIC FEATURES:

- SIZING:** • 1000MM | 1500MM
- STANDARDS:** • SANS 50795 | EN 795
- FEATURES:**
- 44mm webbing with 2x steel D-rings



MATERIALS:



- Steel Wire Rope:**
- 44mm webbing encased by a PVC cover for enhanced durability & improved safety
 - Straight - 25kN
 - Basket - 50kN
 - Backlash - 20kN
- Length:**
- 1000mm | 1500mm

ACCESSORIES RANGE - BASIC CLIMBING SLING

CODE: SLNG01060 | SLNG 01120 | SLNG 01150

BASIC CLIMBING SLING



SPECIFIC FEATURES:

- SIZING:** • 600MM | 1200MM | 1500MM
- STANDARDS:** • SANS 50795 | EN 795
- FEATURES:**
- 25mm tubular endless round climbing sling



MATERIALS

- Webbing:**
- 25mm tubular polyester webbing
 - Straight - 25kN
 - Basket - 50kN
 - Backlash - 20kN
- Length:**
- 600mm | 1200mm | 1500mm

BELT RANGE - PADDED

CODE: CLB01010

CAP LAMP BELT



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- FEATURES:**
- Rescue pack & battery strap
 - Padded waist area
 - Adjustable strap

MATERIALS:



- Padding:** • 5mm laminated foam to spread pressure over a larger area
- Buckles:** • Interlocking, corrosion-resistant steel buckles

LIFELINES RANGE - TEMPORARY HORIZONTAL LIFELINE

CODE: TLLH01020

TEMPORARY HORIZONTAL LIFELINE



SPECIFIC FEATURES:



- SIZING:** • **20M LIFELINE**
- STANDARDS:** • SANS 50795 | EN 795 / EN 362
- FEATURES:**
- 1x 20m webbing line with snap hooks on either end
 - 1x ratchet tensioning system
 - 2x anchor straps
 - 1x equipment carry bag

MATERIALS:

- Webbing:** • 50mm UV-resistant polyester webbing with a minimum breaking load of 40kN
- Hooks:** • Corrosion-resistant steel snap hooks with a 20mm gate opening that can withstand a force of 22kN
- Ratchet:** • Corrosion-resistant steel ratchet
- Anchor Straps:** • 45mm UV-resistant polyester webbing with a minimum breaking load of 2.6 tonnes
- PVC protective sleeve
 - Corrosion-resistant steel D-rings with a minimum breaking load of 25kN

BELT RANGE - LINESMAN

CODE: LMB02070

LINESMAN BELT



SPECIFIC FEATURES:

- SIZING:** • **ONE SIZE FITS ALL**
- STANDARDS:** • SANS 50358
- FEATURES:**
- Full-grain, adjustable leather with webbing
 - Padded waist area
 - Work positioning D-rings
 - 7 steel attachment points & 8 leather loops for tools & accessories

MATERIALS



- Webbing:** • 45mm UV-Resistant polyester webbing with a minimum breaking load of 2,6 tonnes
- Leather:** • Full-grain leather
- Padding:** • 5mm laminated foam to spread pressure over a larger area
- D- Rings:** • Corrosion-resistant steel D-rings that can withstand a force of 18kN



WORKWEAR



CONTI SUIT RANGE - 65/35 POLY COTTON

CODE: OJ12907



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLY COTTON
COLOURS: • Navy | Royal Blue | Other colours MTO
SIZES: • 32 - 60

CONTI SUIT RANGE - 65/35 POLY COTTON

CODE: OT12904



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLY COTTON
COLOURS: • Navy | Royal Blue | Other colours MTO
SIZES: • 28 - 56

CONTI SUIT RANGE - 65/35 POLY COTTON

CODE: OJ12908



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLY COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime
COLOURS: • Navy | Royal Blue | Other colours MTO
SIZES: • 32 - 60

CONTI SUIT RANGE - 65/35 POLY COTTON

CODE: OT12906



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLY COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime
COLOURS: • Navy | Royal Blue | Other colours MTO
SIZES: • 28 - 56

CONTI SUIT RANGE - POLYVISCOSE

CODE: OJ13062



SPECIFIC FEATURES:

- FABRIC:** • POLYVISCOSE ACID RESISTANT
COLOUR: • Bottle Green (MTO)
SIZES: • 32 - 60

CONTI SUIT RANGE - POLYVISCOSE

CODE: OT13063



SPECIFIC FEATURES:

- FABRIC:** • POLYVISCOSE ACID RESISTANT
COLOUR: • Bottle Green (MTO)
SIZES: • 28 - 56

CONTI SUIT RANGE - J54 100% COTTON

CODE: OJ13646



SPECIFIC FEATURES:

- FABRIC:** • J54 100% COTTON
COLOUR: • All Colours (MTO)
SIZES: • 32 - 60

CONTI SUIT RANGE - J54 100% COTTON

CODE: OJ13647



SPECIFIC FEATURES:

- FABRIC:** • J54 100% COTTON
COLOUR: • All Colours (MTO)
SIZES: • 28 - 56

CONTI SUIT RANGE - J54 100% COTTON

CODE: OJ12902



SPECIFIC FEATURES:

- FABRIC:** • J54 100% COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime
COLOUR: • Royal Blue (STOCK) | Other colours MTO
SIZES: • 32 - 60

CONTI SUIT RANGE - J54 100% COTTON

CODE: OT12909



SPECIFIC FEATURES:

- FABRIC:** • J54 100% COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime
COLOUR: • Royal Blue (STOCK) | Other colours MTO
SIZES: • 28 - 56

CONTI SUIT RANGE - DENIM 100% COTTON

CODE: OJ12925



SPECIFIC FEATURES:

- FABRIC:** • 100% COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime
COLOUR: • Denim (MTO)
SIZES: • 32 - 60

CONTI SUIT RANGE - DENIM 100% COTTON

CODE: OT12933



SPECIFIC FEATURES:

- FABRIC:** • 100% COTTON
REFLECTIVE: • 19mm VizLite™ reflective tape - Lime/Silver/Lime (MTO)
COLOUR: • Denim (MTO)
SIZES: • 28 - 56

CONTI SUIT RANGE - NON-REFLECTIVE DENIM

CODE: OJ13268



100%
COTTON

SPECIFIC FEATURES:

- FABRIC:** • 100% COTTON
COLOUR: • Denim (MTO)
SIZES: • 32 - 60

CONTI SUIT RANGE - NON-REFLECTIVE DENIM

CODE: OT13269



100%
COTTON

SPECIFIC FEATURES:

- FABRIC:** • 100% COTTON
COLOUR: • Denim (MTO)
SIZES: • 28 - 56

CONTI SUIT RANGE - D59 100% COTTON

CODE: OJ12930



SPECIFIC FEATURES:

- FABRIC:** • D59 100% COTTON FLAME RETARDANT & ACID RESISTANT
REFLECTIVE: • 48mm VizLite™ reflective tape
COLOURS: • Navy (Stock)
SIZES: • 32 - 60

CONTI SUIT RANGE - D59 100% COTTON

CODE: OT12938



SPECIFIC FEATURES:

- FABRIC:** • D59 100% COTTON FLAME RETARDANT & ACID RESISTANT
REFLECTIVE: • 48mm VizLite™ reflective tape
COLOURS: • Navy (Stock)
SIZES: • 28 - 56

DUST COAT RANGE - 65/35 POLYCOTTON

CODE: OD13069



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLYCOTTON
COLOUR: • Grey | Navy | Royal Blue | White (MTO)
SIZES: • 32 - 60

DUST COAT RANGE - 65/35 POLYCOTTON

CODE: OD13068



SPECIFIC FEATURES:

- FABRIC:** • 65/35 POLYCOTTON ACID-RESISTANT
COLOUR: • White (MTO)
SIZES: • 32 - 60

CONTI SUIT RANGE - HIGH VIZ

CODE: OJ13072

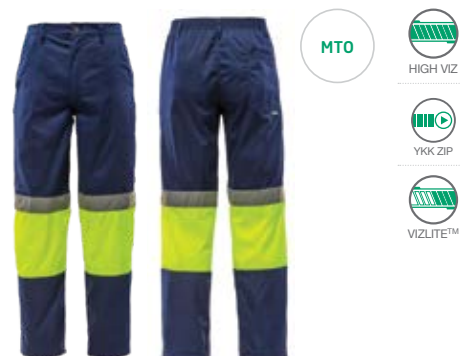


SPECIFIC FEATURES:

- FABRIC:**
- LUMINOUS FABRIC - 50/50 POLYCOTTON
 - BASE FABRIC - 65/35 POLYCOTTON
- REFLECTIVE:** • 50mm VizLite™ reflective tape
- COLOURS:** • Navy & Lime | Navy & Orange (MTO)
- SIZES:** • 32 - 60

CONTI SUIT RANGE - HIGH VIZ

CODE: OT13073



SPECIFIC FEATURES:

- FABRIC:**
- LUMINOUS FABRIC - 50/50 POLYCOTTON
 - BASE FABRIC - 65/35 POLYCOTTON
- REFLECTIVE:** • 50mm VizLite™ reflective tape
- COLOURS:** • Navy & Lime | Navy & Orange (MTO)
- SIZES:** • 28 - 56

HIGH VISIBILITY SHIRTS RANGE

CODE: OLS13077



SPECIFIC FEATURES:

- FABRIC:**
- LUMINOUS FABRIC - 50/50 POLYCOTTON
 - BASE FABRIC - 100% COTTON
- REFLECTIVE:** • 48mm VizLite™ reflective tape
- COLOURS:** • Navy & High VIZ Yellow | Navy & High VIZ Orange (MTO)
- SIZES:** • 32 - 60

65/35 POLY COTTON:

This fabric comprises 35% cotton and 65% polyester. Cotton is a natural fibre that is known for its breathability, while polyester is a man-made fibre that is known for its resilience and washability. When polyester is blended with cotton, the resulted fabric offers better crease resistance.

J54:

This fabric is made from 100% cotton and is SABS approved. As a natural fibre, cotton is soft, highly breathable and acts as an insulator. The benefit of this fabric is that the wearer will remain cool in the summer months and warm in winter.

D59:

This fabric is made from 100% cotton and is SABS approved. The fabric is treated with either an acid resistant, a flame retardant or both acid resistant and flame retardant finishes, depending on the wearer's requirements.

POLY VISCOSE:

This fabric is made from a combination of polyester and viscose. Similar to cotton in its feel, the material is man-made and absorbs perspiration quickly, making it skin-friendly, with minor thermal properties.

HIGH VIZ:

The luminous fabric used in our High VIZ range comprises 50% polyester and 50% cotton. This is a highly visible fabric that offers extreme visibility in low to no light conditions. This fabric is applied to one or two types of base fabrics; either 65/35 poly cotton or 100% cotton.



ARC

WHAT IS AN **ARC FLASH**?

AN ARC FLASH IS THE SUDDEN RELEASE OF ELECTRICAL ENERGY THROUGH THE AIR WHEN A HIGH-VOLTAGE GAP EXISTS AND THERE IS A BREAKDOWN BETWEEN CONDUCTORS.

An arc flash emits intense light and thermal radiation (heat) that can cause serious injury. Temperatures have been recorded as high as 20 000 °C.

High-voltage arcs can also produce considerable pressure waves by rapidly heating the air and creating a blast. This pressure burst can hit a worker with great force and send molten metal droplets from melted copper and aluminium electrical components across great distances at extremely high velocities.



WHAT CAUSES AN **ARC FLASH**?

AN ARC FLASH CAN BE SPONTANEOUS OR RESULT FROM INADVERTENTLY BRIDGING ELECTRICAL CONTACTS WITH A CONDUCTING OBJECT.

Other causes may include dropped tools or the build-up of conductive dust or corrosion. Arc flash can be caused by various other factors:

- **Accidental contact across conductors during maintenance or troubleshooting**
- **Component failures**
- **Use of underrated or improperly installed equipment**
- **Contamination or tracking over insulated surfaces**
- **Corroded cables, equipment or parts**
- **Lack of maintenance**
- **Presence of animals or insects**

WHO SHOULD **WEAR ARC FLASH PPE**?

EXAMPLES OF KEY SECTORS WHERE ARC RISK MUST BE CONSIDERED INCLUDE:

POWER GENERATION – including wind, solar, nuclear, coal and gas.

TRANSMISSION INDUSTRIES for electricity.

DISTRIBUTION of electricity.

ELECTRICAL MAINTENANCE – this can include anything from small electrical contractors working on private dwellings, to maintenance engineers at large scale manufacturing facilities.



SELECTING **ARC FLASH PPE**

THE DANGERS INHERENT IN ENVIRONMENTS WHERE THERE IS A THREAT OF AN ARC FLASH ARE POTENTIALLY FATAL. PERSONAL PROTECTIVE EQUIPMENT IS THE LAST LINE OF DEFENCE AGAINST AN ARC FLASH AND SERIOUS CONSIDERATION NEEDS TO BE GIVEN TO SELECTING THE CORRECT PPE.

PROTECTION

The Arc Thermal Performance Value (ATPV) rating of garments needs to exceed the incident energy calculated by your arc flash study. All garments should have relevant test reports from accredited test facilities. A key consideration in performance is whether you are using a garment with fabric that is **INHERENTLY Flame Resistant (FR)** or is **CHEMICALLY TREATED** for flame resistance.

INHERENT FR fabrics utilise fibres with innate FR properties which ensure the flame resistance is not altered through cleaning or other processes. As long as the garment is visibly intact, the wearer is protected.

TREATED fabrics have a chemical compound incorporated during manufacture or applied as a finish to provide FR properties. These may wash or wear away when using household washing powders and detergents. The real danger here is that the garment may appear intact, yet the wearer is no longer protected from harmful flames.

COMFORT

Wearers need to be comfortable to be productive. An uncomfortable wearer may discard their PPE altogether leaving both themselves and your business at risk. Ideally fabrics should be lightweight, breathable and provide good moisture management without sacrificing protective ability.

DURABILITY

The garments and materials utilised should provide protection for the life of the garment as well as resistance to abrasion and shrinkage. Once again, inherent FR fabrics generally offer all of these qualities and more, while material specification sheets can also confirm compliance to ISO standards for tear strength, abrasion resistance and similar attributes.



POWER UP WITH BOVA ARC

When it comes to safety, quality and reliability cannot be compromised. As part of BOVA's commitment to “**Engineering products with purpose**”, we explore the varied dangers inherent in any industry and then engineer best-of-breed product solutions to best protecting employees within those environments. Our BOVA ARC specialised arc flash protection PPE range is no exception.

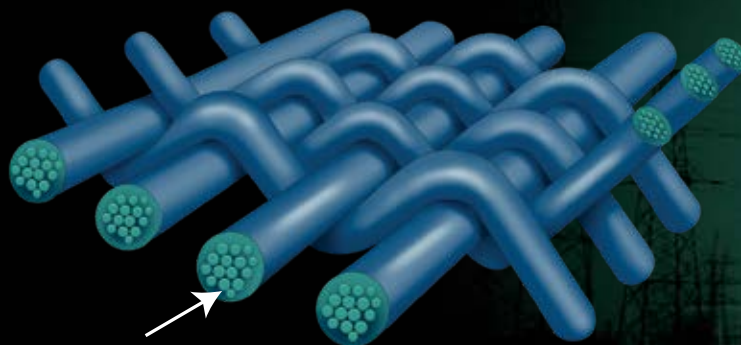
BRINGING INTERNATIONAL PROTECTIVE TEXTILE INNOVATION TO SOUTH AFRICA

The BOVA ARC range incorporates Beier's **I-ARC** thermal protection fabric, an innovative solution developed by The Beier Group as a local technical textile specialist in association with LENZING™, a global leader in inherently Flame Resistant (FR) fibres.

Lightweight and breathable, the **I-ARC** fabric provides the BOVA ARC range with a significant advantage in comfort and durability, along with the inherent FR protection that sets it apart from competitors.

INHERENTLY DIFFERENT, INHERENTLY SUPERIOR

Unlike chemically treated FR fabrics, the FR protection in **I-ARC** is incorporated into the structure of the fabric during manufacture, as if it is part of its DNA. This allows the BOVA ARC range to maintain its arc rated FR protection throughout the product lifespan, even with repeated washing and accidental exposure to household detergents and bleach. The fabric also offers strong abrasion resistance and low shrinkage, along with advanced moisture management and breathability that creates a unique **evaporative cooling effect** ideal for usage across the African continent.



FR pigments within the fabric structure

PROCESS

LENZING™ sources their wood from sustainably managed forestry projects and at the point where the wood is reduced to pulp, a pigment is incorporated into the solution at a cellular level before extruding the fibres. This provides the inherently Flame Resistant properties.

During the process, colour pigments can also be incorporated to give outstanding colour fastness.



Wood

Pulp

Fibre

Yarn

Fabric

Garment

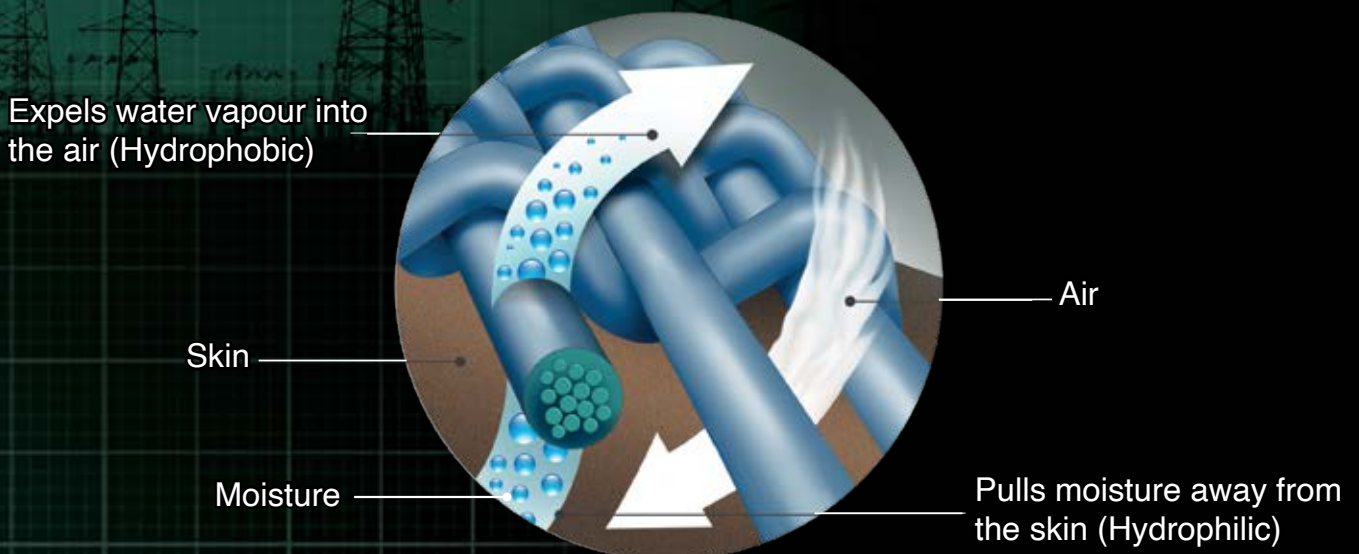
i-arc
BY BEIER

WHY BOVA ARC?

As a leading safety wear brand, BOVA's guiding principle of ENGINEERED WITH PURPOSE has been brought to the forefront in this highly technical category. Through the utilisation of innovative materials and a commitment to not only protecting wearers, but also providing them with a solution that delivers both comfort and durability. BOVA ARC is bringing a unique range of arc flash PPE to the market.

- Constructed from inherent FR materials that maintain their in-built qualities and cannot wash or wear away.
- Low shrinkage even over time and when subjected to severe heat.
- Superior comfort: the I-ARC material is lighter and more breathable to provide an improved tactile experience.
- Performance vs weight advantage: the same and often better thermal protection at a lighter weight fabric (CAT 2 garments on 215 gsm fabric vs competitors up to 100 gsm heavier).
- Does not contain harmful chemicals.
- Locally manufactured for local conditions.
- Environmentally-friendly: Fibres constructed from botanical materials sourced from sustainably managed forestry.

EVAPORATIVE COOLING EFFECT



INHERENT FR



EVAPORATIVE
COOLING



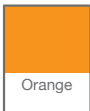
LIGHTWEIGHT



DURABLE

**CODE:** WRJK10021**WORKWEAR JACKET****IN STOCK**

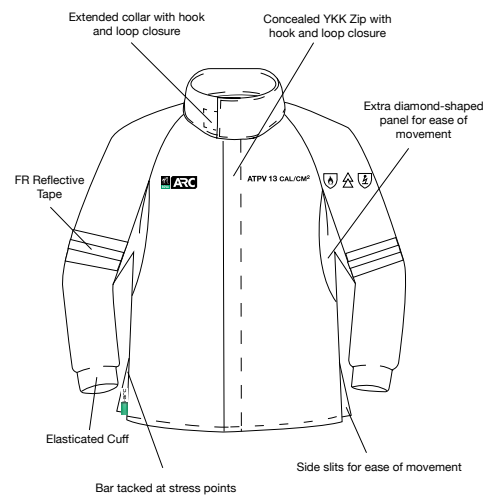
Navy

MADE TO ORDER

Orange



Fern Green

FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).**ATPV:** • 13 CAL/CM².**WEIGHT:** • 215gsm.**SIZES:** • 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
48 | 50 | 52 | 54 | 56 | 58 | 60**REFLECTIVE:** • 50mm Aramid-backed inherent Lime-Silver-Lime FR tape.**CLOSURES:** • Concealed YKK brass zip – Type 5 with hook and loop closure | Elasticated cuffs | Adjustable neck with hook and loop closure | Right hand side zip guard for added protection.**STITCHING:** • Meta Aramid inherent FR thread used for all stitching | Top stitched stress seams for enhanced durability | Bar tacked at stress points for extra strength.**COMFORT:** • High front for maximum upper body protection | Padded diamond shaped underarm extension for easy movement | Side slits for easy movement.
• Available in non-reflective WTJK10021.

YKK ZIP

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT



INHERENT FR



FR THREAD

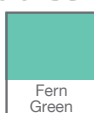
i-arc

**CODE:** WRTR10021**WORKWEAR TROUSERS****IN STOCK**

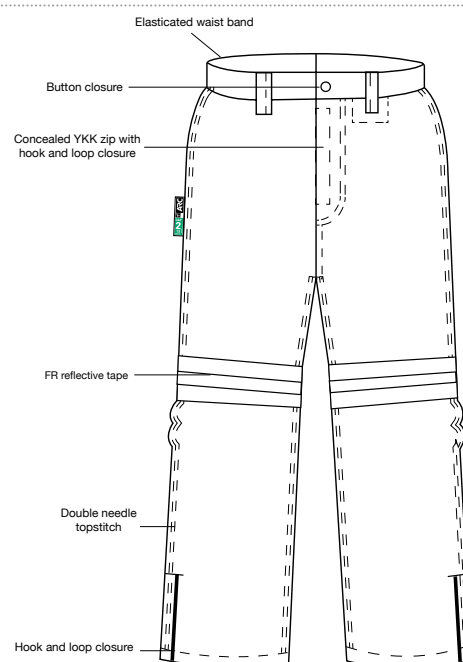
Navy

MADE TO ORDER

Orange



Fern Green

FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).**ATPV:** • 13 CAL/CM².**WEIGHT:** • 215gsm**SIZES:** • 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
48 | 50 | 52 | 54 | 56**REFLECTIVE:** • 50mm Aramid-backed inherent Lime-Silver-Lime FR tape.**CLOSURES:** • Concealed YKK brass zip – Type 5 | Front button closure | Hook and loop with boxed and crossed ends at the bottom of the trouser.**STITCHING:** • Meta Aramid inherent FR thread used for all stitching | Top stitched stress seams for enhanced durability | Bar tacked at stress points for extra strength.**COMFORT:** • Elasticated waist band.
• Available in non-reflective: WTTR10021.

YKK ZIP

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT



INHERENT FR



FR THREAD

i-arc



CODE: WTSH40021

CHAMBRAY SHIRT



IN STOCK



Sky Blue

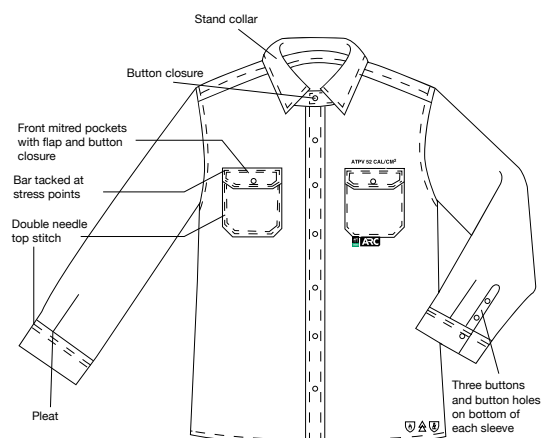
MADE TO ORDER



Grey

FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).**ATPV:** • 13 CAL/CM².**WEIGHT:** • 215gsm.**SIZES:** • 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
48 | 50 | 52 | 54 | 56 | 58 | 60**CLOSURES:** • Front Button Closure | Buttoned cuffs.**STITCHING:** • Meta Aramid inherent FR thread used for all stitching |
Top stitched stress seams for enhanced durability |
Bar tacked at stress points for extra strength.**POCKETS:** • Front mitred pockets with flap and button closure.

• Available in 25mm FR reflective: WRSH40021.

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT

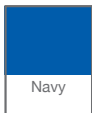


INHERENT FR

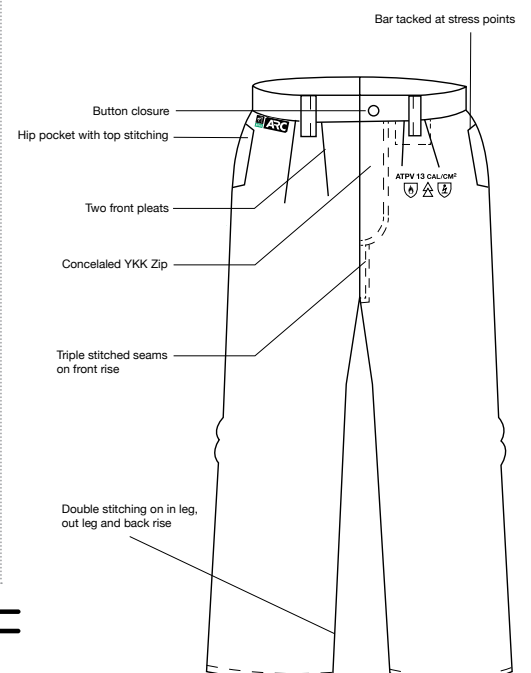


FR THREAD

i-arc

**CODE:** WTCH40021**CHINO TROUSERS****IN STOCK**

Navy

FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).**ATPV:** • 13 CAL/CM².**WEIGHT:** • 215gsm.**SIZES:** • 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 |
48 | 50 | 52 | 54 | 56**CLOSURES:** • Concealed YKK brass zip – Type 5 | Front Button Closure.**STITCHING:** • Triple stitched seams on front rise for enhanced durability.**POCKETS:** • Front Swing Pockets | Back Hip Pockets with button closure.

YKK ZIP

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT



INHERENT FR



FR THREAD

i-arc



ARC HAZARD RISK CATEGORY 2

CODE: WTBC40021

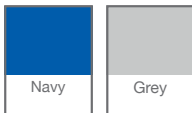
BALACLAVA



Eye opening with cover seam

Cover seam at hemline

IN STOCK



FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).

WEIGHT: • 220gsm.

SIZES: • One size fits all.

STITCHING: • Meta Aramid inherent FR thread used for all stitching | Cover seams stitching at hemline.

COMFORT: • Easy breathability through fabric.



EVAPORATIVE COOLING



DURABILITY



LIGHTWEIGHT



INHERENT FR



FR THREAD

i-arc



ARC HAZARD RISK CATEGORY 2

CODE: WTGV40022

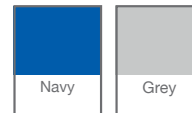
GLOVE



Zig-zag seams for enhanced durability

Thermal-resistant anti static blend

IN STOCK



FABRIC: • I-ARC (LENZING FR, ARAMID, ANTI-STATIC BLEND).

ATPV: • 14.9 CAL/CM².

WEIGHT: • 220gsm.

SIZES: • 6 - 12.

STITCHING: • Meta Aramid inherent FR thread used for all stitching | Zigzag seams stitching at hemline.



EVAPORATIVE COOLING



DURABILITY



LIGHTWEIGHT



INHERENT FR



FR THREAD

i-arc

**CODE: WTFPC4021****ARC FLASH VISOR WITH NIKKI HARD HAT****RECOMMENDED ENVIRONMENT:**

The faceshield is designed for face and eye protection against short circuit electric arc, UV, IR, highspeed particles impact and hot solids.

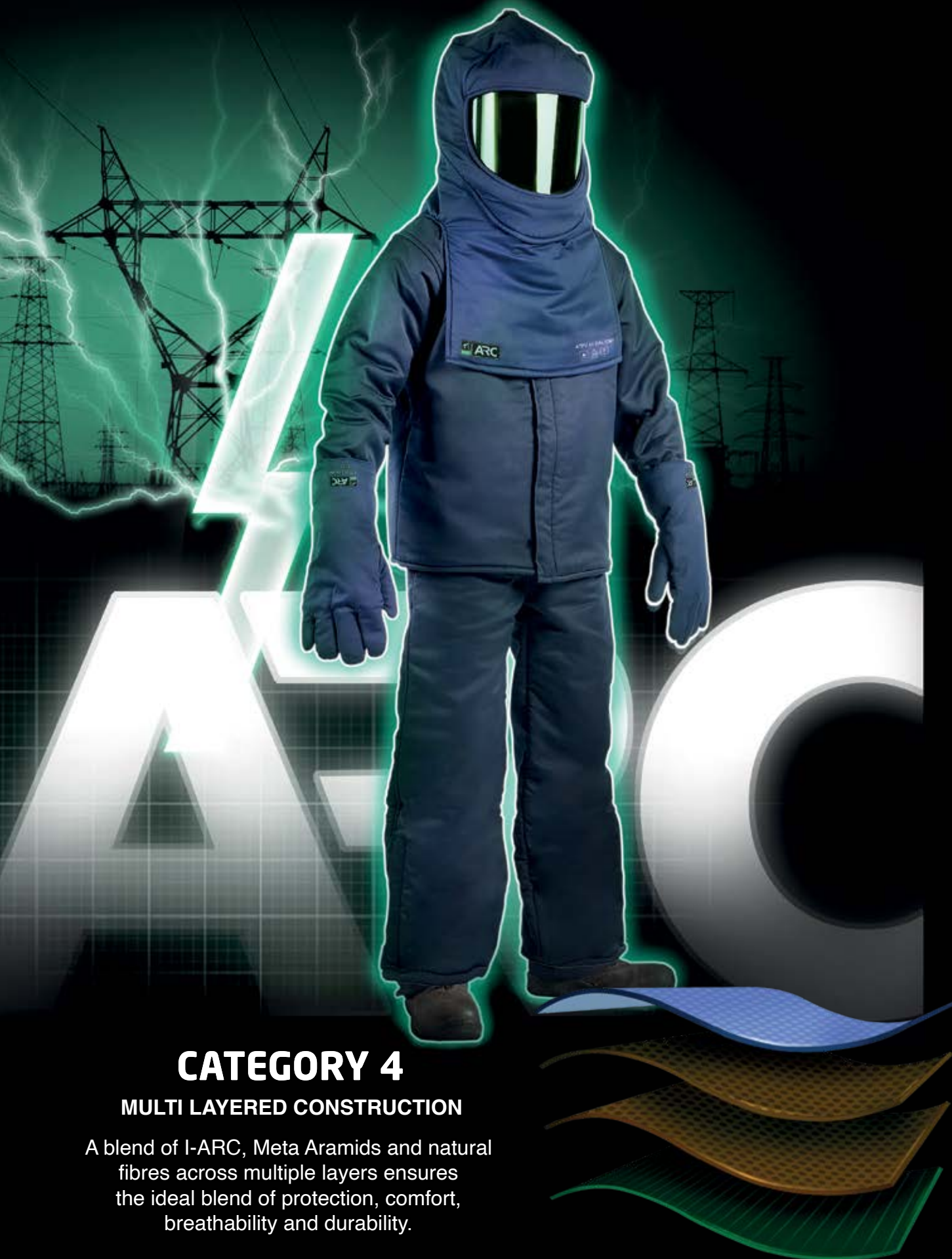
Due to the nature of work the light grey visor ensures True Colour accuracy when working with colour referenced articles such as wires. The clear chin guard allows for a greater field of vision.

VISOR

- SIZE:** • One size fits all
- MATERIAL:** • Polycarbonate, ABS
- COLOUR:** • Light grey with anti-glare tint and True Colour visibility
- KEY FEATURES:**
- Designed for protection against the intense heat and flame from an electric Arc explosion
 - Extended clear chin protector for added face protection and better field of vision
 - Luminous transmittance: 27%
 - Optimal class: 1, UV-filter, recognition of signal lights (C)
 - Protection against high-speed particles, high energy impact (A)
 - Protection against short circuit electric arc (8)
 - Arc Protection Class 1, Transmission Class 2
 - Protection against splashes of liquids (3)
 - Protection against molten metals and hot solids (9)
- STANDARDS:**
- NFPA 70 E , PPE Category 2
 - ATPV = 13 CAL/CM² as marked (testing compliant to 17 CAL/CM²)
 - ANSI Z87.1'C AN/CSA Z94.3
 - EN 166
 - EN 170
 - GS-ET-29

**HARD HAT**

- SIZE:** • One size fits all.
- COLOURS AVAILABLE:** • White.
- COMPOSITION:** • Nikki 1 hard hat is made of ABS plastic.
- KEY FEATURES:**
- Superior rigidity, protection and durability
 - Inner of hard hat shell is engineered with reinforced ribs for increased protection against impact and lateral deformation
 - Turn top adjustable crown vent allows for double crown protection; it also allows for one hand adjustment to open for breathability or close for protection from chemical, liquids or falling gravel and rocks
 - Integrated slots that allow for the majority of accessories (earmuffs, face shields & visors)
 - 4 point comfort ratchet lining for easy one-handed adjustment with a Permasweat breathable sweatband and high visibility rear insert
 - Anti-glare peak
 - Ultraviolet inhibitor protects and extends life of helmet
 - Supporting ridge for cap attachment spring
 - Contoured rain channel allows liquid to run off front of peak rather than down neck and shoulders. Also provides additional lateral rigidity for more protection from lateral deformation. Ideal for high angle work situations
- STANDARDS:**
- SANS 1397:2003
 - This product is manufactured in South Africa
 - ARC rated and electrical insulation - tested to 18CA L/CM2 and 1000 volts dielectric
 - Designed to exceed the European standard (EN 397:1995) for Lateral Deformation. (Up to three times that of similar hard hats in the market)



CATEGORY 4

MULTI LAYERED CONSTRUCTION

A blend of I-ARC, Meta Aramids and natural fibres across multiple layers ensures the ideal blend of protection, comfort, breathability and durability.



CODE: WTJH50041

SWITCHING JACKET

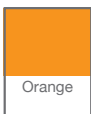


IN STOCK



Navy

MADE TO ORDER



Orange



Fern Green

FABRIC: • A BLEND OF I-ARC, META ARAMIDS AND NATURAL FIBRES ACROSS MULTIPLE LAYERS.

ATPV: • 52 CAL/CM².

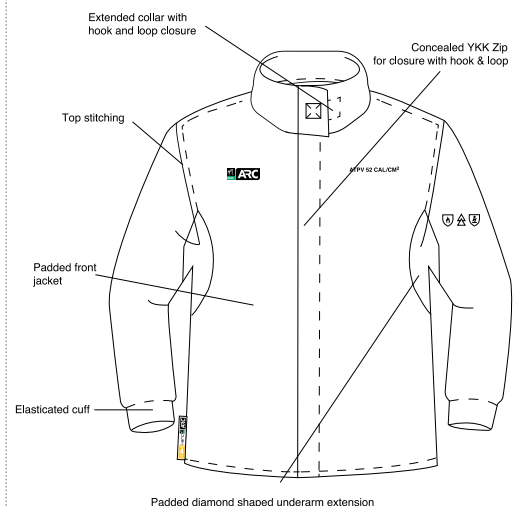
WEIGHT: • 764gsm.

SIZES: • S | M | L | XL | 2XL | 3XL | 4XL | 5XL

CLOSURES: • Concealed YKK brass zip - Type 5 with Under-the-Storm flap and hook and loop closure | Elasticated cuffs | Adjustable neck hook and loop closure | Right hand side zip guard for added protection.

STITCHING: • Meta Aramid inherent FR thread used for all stitching | Top stitched stress seams for enhanced durability | Bar tacked at stress points for extra strength.

COMFORT: • High front for maximum upper body protection | Padded diamond shaped underarm extension for easy movement.



YKK ZIP

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT



MULTI-LAYER



INHERENT FR



FR THREAD

i-arc

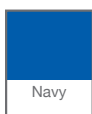


CODE: WTBT50041

BIB & BRACE

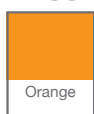


IN STOCK

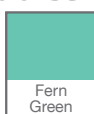


Navy

MADE TO ORDER



Orange



Fern Green

FABRIC: • A BLEND OF I-ARC, META ARAMIDS AND NATURAL FIBRES ACROSS MULTIPLE LAYERS.

ATPV: • 52 CAL/CM².

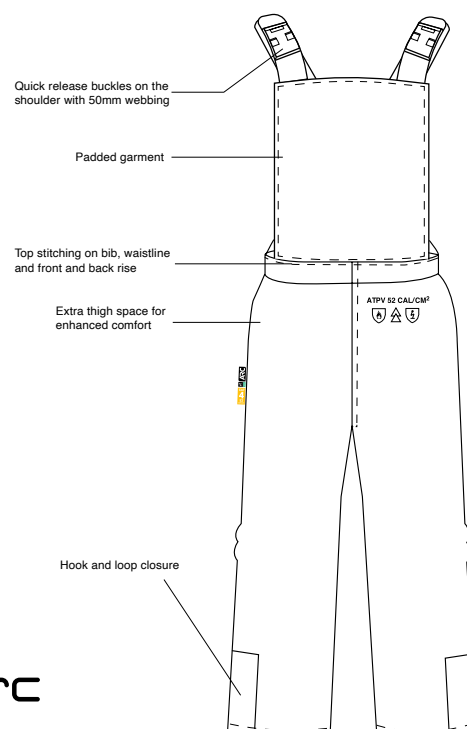
WEIGHT: • 764gsm.

SIZES: • S | M | L | XL | 2XL | 3XL | 4XL | 5XL

CLOSURES: • Adjustable braces with 50mm webbing and quick-release buckles.

STITCHING: • Meta Aramid inherent FR thread used for all stitching | Top stitched stress seams for enhanced durability | Bar tacked at stress points for extra strength.

COMFORT: • High front for maximum upper body protection | Inside excess fabric on either side of the hip forming a pocket with bottom opening.



YKK ZIP

EVAPORATIVE
COOLING

DURABILITY



LIGHTWEIGHT



MULTI-LAYER



INHERENT FR



FR THREAD

i-arc



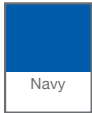
ARC HAZARD RISK CATEGORY 4

CODE: WTHV50041

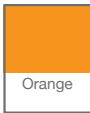
HOOD WITH NIKKI HARD HAT & VISOR



IN STOCK



MADE TO ORDER



FABRIC:

- A BLEND OF I-ARC, META ARAMIDS AND NATURAL FIBRES ACROSS MULTIPLE LAYERS.

ATPV:

- 52 CAL/CM².

VISOR:

- Light green moulded polycarbonate dual layer electric ARC faceshield featuring:
- Protection against extreme temperatures, ARC rating tested with complete hood system.
- 44% Visible Light Transmission (VLT)
- 99,9% UV protection
- Anti-fog and anti-scratch.

HARD HAT:

- Nikki 1 (please refer to spec under Category 2)

WEIGHT:

- 764gsm.

SIZES:

- One size fits all.

STITCHING:

- Meta Aramid inherent FR thread used for all stitching | Top stitched at the opening of hood for enhanced durability.

COMFORT:

- Fits snugly over head and shoulders | Two side openings | Moulded visor.

i-arc



EVAPORATIVE COOLING



DURABILITY



LIGHTWEIGHT



MULTI-LAYER



INHERENT FR



FR THREAD



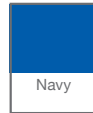
ARC HAZARD RISK CATEGORY 4

CODE: WTGV70031

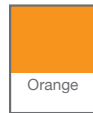
GLOVE



IN STOCK



MADE TO ORDER



FABRIC:

- A BLEND OF I-ARC, META ARAMIDS AND NATURAL FIBRES ACROSS MULTIPLE LAYERS.

ATPV:

- 42.2 CAL/CM².

WEIGHT:

- 764gsm.

SIZES:

- One size fits all.

STITCHING:

- Meta Aramid inherent FR thread used for all stitching | Top stitched at the opening of gloves for enhanced durability.

COMFORT:

- Padded gloves for additional protection in extreme conditions.

i-arc



EVAPORATIVE COOLING



DURABILITY



LIGHTWEIGHT



MULTI-LAYER



INHERENT FR



FR THREAD

COMPLIANCE AND STANDARDS

RECOMMENDATIONS FOR ARC FLASH PPE

COMPLIANCE AND STANDARDS:

Recommendations for ARC Flash PPE: An arc flash study is to be conducted prior to making PPE recommendations. Do not make recommendation on PPE without customer supplied, incident energy level as determined by an arc flash study. An arc flash study is based on recommendations set forth by the National Fire Protection Association (NFPA), but also relies on mandated industry standards and regulations from OSHA, the Institute of Electric and Electronics Engineers (IEEE) and the National Electric Code (NEC). The study looks at the electrical system design, equipment, system specifications and safe practice procedures. Calculations are used to determine the arc flash incident energy within specific boundaries of the equipment and measure the degrees of risk.

1. ENSURE THAT AN ARC FLASH STUDY IS CONDUCTED

Calculate potential arc flash incident energy and determine boundaries around the equipment that each carry varying degrees of risk. You can read more about incident energy and arc flash boundary calculations in the IEEE Standard 1584-2002 and IEEE Standard 1584a-2004, Amendment 1 and IEEE Standard 1584b-2011 Amendment

2. APPLY WARNING LABELS

Apply detailed and durable arc flash hazard warning labels for field-marking potential arc flash hazards. These labels must include both arc flash hazard and shock hazard boundaries.

3. PPE

Adds another layer of protection for employees working within the arc flash boundary. Failure to wear the proper protective clothing and equipment puts you at serious risk of injury or death in the event of an arc flash. Even though this is the last line of defence, it is critical not to compromise on quality.

BOVA ARC garments meet the requirements of the NFPA 2112 standards of the flame-resistant garments for the protection of industrial personnel against flash fire, 2012 edition. NFPA2113 requires upper and lower body coverage.

BOVA ARC garments further meet the requirements of SANS 724, IEC 61482, ASTM F1959, ASTM F1506, ASTM F2621 and NFPA 70E for electric arc protection.

WORKERS ARE ASSUMED SAFE IF THE FOLLOWING CONDITION IS FULFILLED:

ARC RATING OF
PROTECTIVE CLOTHING

Incident Energy Rating



CALCULATED ARC
INCIDENT ENERGY

Minimum ATPV of Protective Garment

SIZE CHART

JACKETS, DUST COATS, SHIRTS

CHEST MEASUREMENTS

INCHES	32	34	36	38	40	42	44	46
CM	81	87	92	97	102	107	112	117
SIZE	S		M		L		XL	

INCHES	48	50	52	54	56	58	60
CM	122	127	132	137	142	147	152
SIZE	XXL		XXXL		XXXXL		5XL

NOTE: Jackets and dust coats are to be ordered by chest size and trousers to be ordered by waist size. Use trouser's waist measurement and increase by two sizes to determine corresponding jacket chest size.

TROUSERS , BIB & BRACE

WAIST MEASUREMENTS

INCHES	28	30	32	34	36	38	40	42
CM	72	77	81	87	92	97	102	107
SIZE	XS		S		M		L	

INCHES	44	46	48	50	52	54	56	58
CM	112	117	122	127	132	137	142	147
SIZE	XL		XXL		XXXL		XXXXL	

NOTE: Trousers to be ordered by waist size and jackets to be ordered by chest size. Use trouser's waist measurement and increase by two sizes to determine corresponding jacket chest size.

BOILER SUITS

CHEST MEASUREMENTS

INCHES	28	30	32	34	36	38	40	42	44	46
CM	72	77	81	87	92	97	102	107	112	117
SIZE	XS		S		M		L		XL	

INCHES	48	50	52	54	56	58	60
CM	122	127	132	137	142	147	152
SIZE	XXL		XXXL		XXXXL		XXXXXL

CORRELATING WAIST MEASUREMENT:

INCHES	28	30	32	34	36	38	40
CM	72	77	81	87	92	97	102

INCHES	42	44	46	48	50	52	54	56	58
CM	107	112	117	122	127	132	137	142	147

NOTE: Boiler suits to be ordered by chest measurement. Check chest measurement table for corresponding waist size. Use trouser's waist measurement and increase by two sizes to determine jacket chest size

THERMAL PROTECTION

ALUMINISED CARBON-ARAMIDE RANGE

THERMAL PROTECTION ALUMINISED SUIT

Protection against radiant heat and molten metal splash.

MOLTEN METAL
SPLASH PROTECTION

D3
E3

The Aluminised Carbon-Aramide range offers lightweight fabric technology with superior molten metal splash protection ratings.



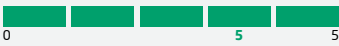
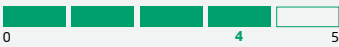
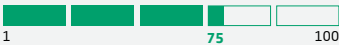
- Applications:**
- Foundries
 - Steel industries
 - Aluminium and non-ferrous metal industries
 - Cement works
 - Glass industries
 - Welders, etc.

- Advantages:**
- Excellent behaviour to ferrous and non-ferrous molten metal splashes
 - Outstanding mechanical resistance
 - Supple and comfortable
 - Trademarked aluminised technology protects and enhances the aluminium reflectance efficiency

Core Range:

- Bib & Brace
- Jacket
- Bolero Coat
- Hood with Aluminised Visor
- Gloves
- Overboots

ALUMINISED CARBON-ARAMIDE FABRIC SPECIFICATIONS

MAIN SPECIFICATIONS	PRODUCT SPECIFICATIONS	ENVIRONMENTAL CONFORMITIES
Weight (g/m²): 	Material: Carbon-Aramide blend and aluminised foil outer layer with an innovative laminating process for superior molten-splash protection and outstanding resistance to abrasion, hydrolysis and delamination.	ENVIRONMENTAL CONFORMITIES - RoHS directive 2015/863/EU - REACH European regulation no. 1907/2006
Protection: 	Total weight: 515g/m² ±30	Certification: NF EN ISO 11612
Suppleness: 	Tear strength: - Warp ≥ 8 daN - Weft ≥ 9 daN	A1 B1 C3 D3 E3 F1
Thickness (mm/100) 	Thickness: 0.75 mm ± 0.06	A1 - Flame Propagation B1 - Convective Heat Resistance C3 - Radiant Heat Resistance D3 - Molten Aluminium Splash Resistance E3 - Molten Steel Splash Resistance F1 - Contact Heat Resistance
	Folding: (1000g) - Warp : 500 UN - Weft : 500 UN	

ALUMINISED VISOR FOR SUPERIOR RADIANT HEAT PROTECTION

Heat reflective face shields are essential to protect the face and the eyes in high heat environments where radiant heat exposure can cause irreversible damage.

Anti-radiant heat capabilities have been tested to the European standards of EN/ISO 6942 method B using a radiant heat source of 20kW/m², and achieving the highest level of RHTI 24 > 95s – a C4 rating on its resistance to radiant heat transfer.

- Material:** • Polycarbonate with an aluminised film
- Thickness:** • 1.0mm
- Colour:** • Silver
- Standards:** • EN166, ANSI Z87.1
- Advantages:**
- Class 1 optical quality
 - High-speed particle impact resistance at extremes of temperatures
 - UV protection
 - IR protection and IR reflection certified to CE EN 166
 - Radiant heat resistance – C4 rating using EN ISO 6942 method B
 - Protection against splashes and liquids
 - Resistance to ignition





ACCESSORIES

**EXPERIENCE THE ULTIMATE IN COMFORT, SAFETY
& HYGIENE WITH BOVA ACCESSORIES**



Carefully designed to deliver unrivalled performance, BOVA's range of socks has been purpose-engineered to meet the exacting demands of various industries and applications.

TOP SOCKS



Poron Eva Cushioned Top Sock

Benefits

- ✓ Enhanced comfort
- ✓ Shock absorption
- ✓ Reduced fatigue
- ✓ Reduced aches & pains
- ✓ Increased foot health

Sizes	Colour	Style Code
3-13	Yellow	ACC12919

Dynamic support, shock absorption & hygiene

- Responds to temperature & weight, moulding to the shape of the wearer's foot to provide optimum support
- Dynamic impact compression, which gently rebounds with every step
- Bonded to a highly absorbent 100% wool
- Treated with an Ultra-Fresh DM-25-WP process to fight fungal & bacterial infections



Energiser Top Sock

Benefits

- ✓ Anti-static
- ✓ Anti-fungal
- ✓ Antibacterial
- ✓ Improved breathability
- ✓ Improved comfort
- ✓ Odour-resistant
- ✓ Perspiration absorbency
- ✓ Shock absorption

Sizes	Colour	Style Code
3-15	Natural	ACC13057

Anti-static, anti-fungal & antibacterial performance

- Made from a combination of polyester & wool with excellent perspiration absorbency
- Treated with an Ultra-Fresh DM-25-WP process to fight fungal & bacterial infections

SOCKS



BOVA Sox

Benefits

- ✓ Anti-static
- ✓ Anti-fungal
- ✓ Antibacterial
- ✓ Odour-resistant

Sizes	Colour	Style Code
One size fits all	Black	ACC13477

Anti-static & antibacterial socks

- Engineered with anti-static silver-coated stripes which conduct electricity away from the body & into the shoe
- Anti-static performance is permanent & does not diminish over time
- Treated with RUCO-BAC AGP antimicrobial silver-based technology, designed to destroy 95% of bacteria in 2 hours, eliminate body odour & minimise foot allergies & infections
- Harmless to natural skin flora & environmentally friendly



Freezer Sox

Benefits

- ✓ Exceptional thermal insulation
- ✓ Moisture absorbency
- ✓ Full calf length
- ✓ Improved comfort

Sizes	Colour	Style Code
One size fits all	Dark grey	ACC13480

High-performance thermal insulation for cold environments

- 80% wool fibre for thermal insulation & moisture absorption
- 20% polypropylene fibre for hydrophobic properties that repel moisture away from the foot
- Full calf length for warmth with a built-in elastic band for stability
- Reinforcement in the heel & toe areas for cushioning & enhanced durability

ENHANCE THE COMFORT, SAFETY AND HYGIENE OF YOUR SAFETY FOOTWEAR.



TOP SOCKS



FOOTOLOGY ELASTOPAN CLIMATE CONTROL INSOLE

ACC13331

Enhanced comfort, hygiene & protection

Colour: Black

Sizes: 2-15

- ✓ Fast & complete absorption of humidity (up to 300% higher than standard PU)
- ✓ Thermal regulation
- ✓ Superior cushioning & anatomical arch support
- ✓ Honeycomb design for added shock absorption & airflow
- ✓ Lightweight & breathable
- ✓ Antifungal & antibacterial
- ✓ Durable & anti-static

LACES



FOOTOLOGY 90CM LACES

ACC13546-BLK

Colour: Black

FOOTOLOGY 110CM LACES

ACC13545-BLK

Colour: Black

FOOTOLOGY 180CM LACES

ACC13555-BLK

Colour: Black

SOCKS



FOOTOLOGY SMELTER SOCK

ACC13672

Flame retardant with antibacterial features

Colour: Charcoal

Sizes: 1 size fits all

- ✓ Flame retardant – recommended for high heat conditions
- ✓ Antibacterial
- ✓ Made from natural fibres
- ✓ Temperature regulating
- ✓ Moisture wicking & odour resistant
- ✓ Full calf length for added protection against molten splashes
- ✓ Reinforced heel & toe areas for cushioning & durability



FOOTOLOGY INDUSTRIAL ANKLET SOCK

ACC13567

Anti-static & antibacterial comfort

Colour: Navy

Sizes: 4-8 / 9-12

- ✓ Silver-coated stripes knitted into the sock for superior anti-static performance
- ✓ Anti-static effect is permanent & does not diminish over time
- ✓ Treated with RUCO-BAC AGP antimicrobial silver-based technology – eliminates 95% of bacteria within 2 hours
- ✓ Prevents allergies & foot infections
- ✓ Made with eco-conscious materials & methods for an environmentally-friendly sock

OTHER ACCESSORIES



FOOTOLOGY ANTIBACTERIAL FOOT SPRAY

ACC12917

Antiperspirant & antibacterial with a cooling effect

- ✓ Keeps feet dry & sanitised
- ✓ Reduces foot odour
- ✓ Antiperspirant with a cooling effect
- ✓ Advanced formula containing antifungal & antibacterial agents



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



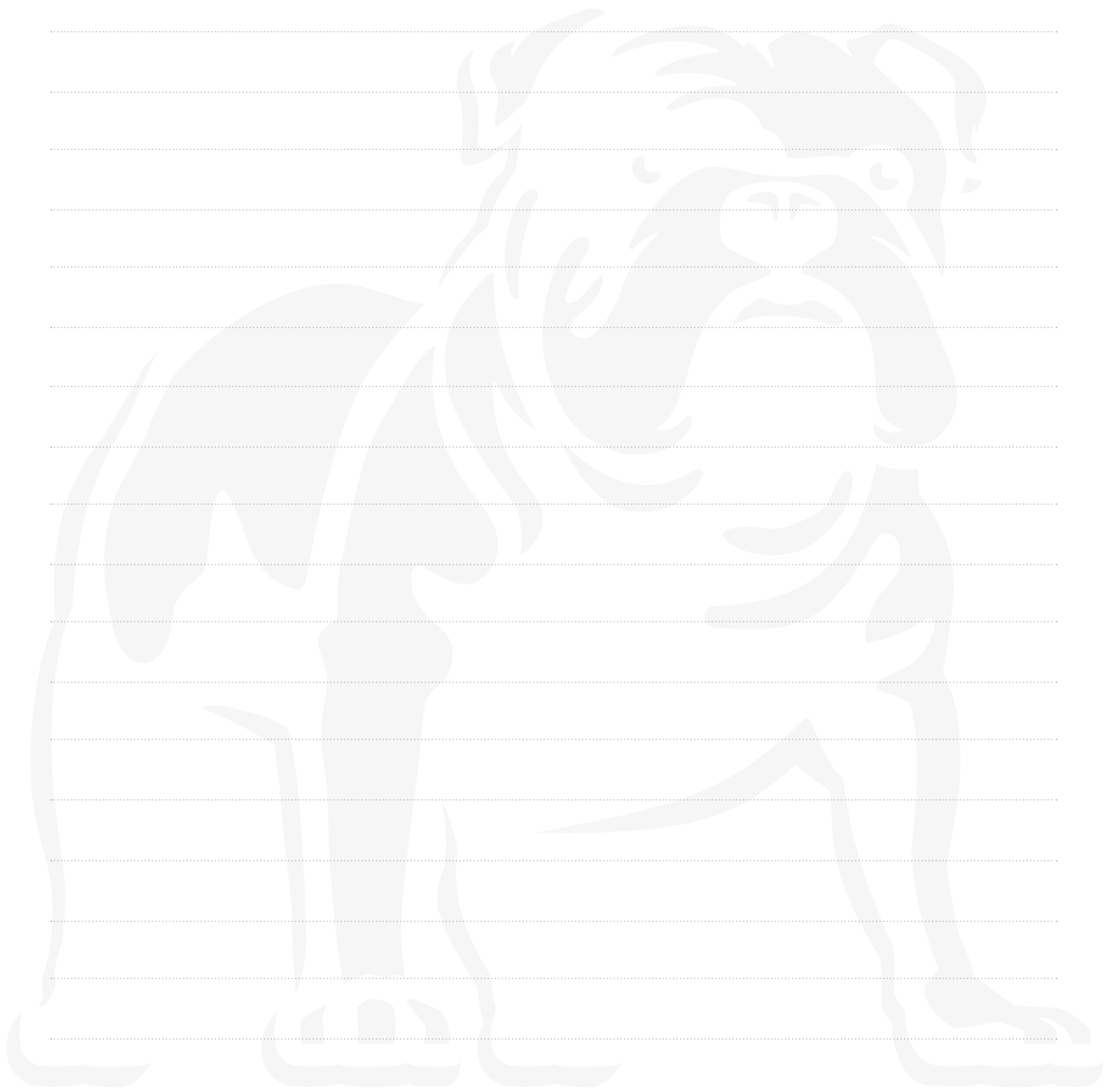
O/A EXCELLENT
0.3% change

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	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 refer to 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.

NOTES





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A product of

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