

 **SOLID GEAR**



**WIRED FOR
PROGRESS**

SAFETY FOOTWEAR 2022



RECKON

WIRED FOR PROGRESS

Work is rewarding, work is hard. It brings challenges, just like life does too. Quitting though, is never an option, not when you know there is a better way. When you are **Wired for Progress** – looking to enhance, refine, improve. All the time. Our users are like that, and we are too. Pushing limits and experimenting with ideas and innovations. Safety footwear doesn't have to be bricks with laces. We always look ahead. Convinced improvement is always possible.



HAZE MOON





SOLID GEAR HAZE MOON

ART. SGUS80119

Haze Moon is the next generation of athletic safety footwear from Solid Gear. A unique dual density EVA midsole takes comfort to the next level. Never before has a safety shoe been this close to an athletic shoe. The StarKnit upper without seams gives the Haze Moon fantastic breathability, fit and flexibility.

- Upper: Lightweight seamless StarKnit with maximum breathability
- Outsole: Electric hazard resistant rubber
- Midsole: Dual density EVA
- Footbed: Highly breathable, moisture wicking and PU foam
- Function: BOA® Fit System
- Fit: Wide
- Sizes: 6-14
- Safety standard: ASTM F2413-18 M/I/C EH/PR
- Protection: NANO toe cap and soft puncture resistance



NANO **STARKNIT**



SOLID GEAR OCEAN

ART. SGUS61001

Solid Gear Ocean, where durability meets lightness, comfort and flexibility. Introducing the pouring polyurethane technology in midsoles, together with a thin rubber outsole, results in a very lightweight and durable safety shoe. Upper with shell functionality creates a durable and smooth product without unnecessary stitching. The BOA® Fit System provides a perfect fit and allows for a fast and effortless entry and exit.

- Upper: LWG leather with TPU reinforcements
- Outsole: Electric hazard resistant rubber
- Midsole: Poured PU
- Footbed: Highly breathable, moisture wicking and PU foam
- Function: BOA® Fit System
- Fit: Wide
- Sizes: 6-14
- Safety standard: ASTM F2413-18 M/I/C EH/PR
- Protection: Fiberglass toe cap and soft puncture resistance





BOA®

The BOA® Fit System is quick, simple and durable. Its technology is so simple that practically anyone can use it. By distributing pressure evenly across the feet, the fit of your footwear can be adjusted to your preference. Simply press the wheel and turn it until you are satisfied.



OASIS



SOLID GEAR OASIS ART. SGUS61006



SOLID GEAR RECKON ART. SGUS61005



SOLID GEAR OASIS / RECKON

ART. SGUS61006 / ART. SGUS61005

Solid Gear Oasis and Reckon create a superior compromise between lightweight and cushioning. This result is reached by a microfiber upper with TPU reinforcement and a high cushioning poured PU midsole. In addition, this comfortable shoe offers great grip thanks to the pattern and compound on the rubber outsole. Designed with BOA® Fit System for a fast and precise fit, Oasis and Reckon provides you with a similar feeling as a sporty shoe. Non-metallic protection in toe cap and puncture board.

- Upper: Microfiber with TPU reinforcements
- Outsole: Electric hazard resistant rubber
- Midsole: Poured PU
- Footbed: Highly breathable PU foam with moisture wicking top cloth
- Function: BOA® Fit System
- Fit: Wide
- Sizes: 6-14
- Safety standard: ASTM F2413-18 M/C EH/PR
- Protection: Fiberglass toe cap and soft puncture resistance





SOLID GEAR SHORE

ART. SGUS61004

Solid Gear Shore, the perfect combination between breathability and cushioning. This is the result from a microfiber upper with TPU reinforcement and high cushioning PU midsole. The pouring polyurethane technology in midsoles, together with a thin rubber outsole, gives a very lightweight and good cushion and increases the comfort. The boot is equipped with technical polyester fleece lining as well as BOA® Fit System for a fast, effortless precision fit. Non-metallic toe cap and puncture board.

Upper: Microfiber with TPU reinforcements
 Lining: Technical polyester fleece
 Outsole: Electric hazard resistant rubber
 Midsole: Poured PU
 Footbed: Highly breathable PU foam with moisture wicking top cloth

Function: BOA® Fit System

Fit: Wide

Sizes: 6-14

Safety standard: ASTM F2413-18 M/C EH/PR

Protection: Fiberglass toe cap and soft puncture resistance





SHORE



SOLID GEAR VENT PLASMA

ART. SGUS76003

Vent Plasma from Solid Gear is a highly breathable and lightweight safety shoe. By using the revolutionary technology ETPU, the midsole gives you endless cushioning and comfort. The more energy you give, the more you get back. TPU reinforcement covering the highly breathable net mesh for a supreme fit and great protection. Solid Gear continues to provide users with the NANO toe cap, which is 40% stronger than fiberglass as well as lighter and thinner than other non-metallic toe caps. With PU foam sock technology, the comfort in this shoe is best in class.

Upper: Lightweight net mesh and CORDURA® with TPU reinforcements
 Outsole: Electric hazard resistant rubber
 Midsole 1: ETPU
 Midsole 2: EVA
 Footbed: Highly breathable, moisture wicking and PU foam
 Function: BOA® Fit System
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/I/C EH/PR
 Protection: NANO toe cap and soft puncture resistance



CORDURA® NANOTOE



SOLID GEAR REVOLUTION

ART. SGUS76001

Revolution from Solid Gear is exactly what we write – a revolution for safety shoes. Endless cushioning and comfort has until now been impossible in safety shoes, but with ETPU we make it possible. The more energy you give, the more you get back. Upper with stretch and CORDURA® gives Revolution amazing properties when it comes to breathability, fit and flexibility. Solid Gear also introduces users to the new developed NANO toe cap. 40% stronger than fiberglass, lighter than other materials used and also thinner than other non-metallic toe caps. Using PU foam Sock Technology, the comfort in this shoe is best in class.

Upper: Lightweight CORDURA® with TPU reinforcements
 Outsole: Electric hazard resistant rubber
 Midsole 1: ETPU
 Midsole 2: EVA
 Footbed: Highly breathable, moisture wicking and PU foam
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/I/C EH/PR
 Protection: NANO toe cap and soft puncture resistance



CORDURA® NANOTOE



ETPU

ETPU — expanded thermoplastic polyurethane — is an exceptional material for safety footwear applications. In some professions to work is to move, to be on your feet, hour after hour. Being able to focus and deliver on the job requires energy. Midsoles made with ETPU provide high-performance shock absorption, maintain better cushioning power over time relative to standard EVA, and deliver unparalleled spring back from every step.

The ETPU springback is the result of the transformation through heating of very tiny TPU pellets. These micro-particles, after undergoing heat and high pressure, puff up, expanding into little beans, each with an air pocket core. The particle-based foams that result can then be molded to the perfect shape through injection tooling, molding machinery and a steaming process.

ETPU midsoles have unique and beneficial properties. Low density, well-cushioning, and highly resilient, they absorb the impact of each step and then spring back — delivering comfort and spring with every foot strike. This process is repeated, step after step, and the ergonomic benefits accrue throughout the day.

The body feels there is more juice left in the tank, with more energy to complete one's tasks properly and make work run fast.

The inspiration to introduce the benefits of ETPU into safety footwear came from Solid Gear designers and engineers who saw that particle-based foams made of expandable polyurethane, when applied to safety footwear, resulted in advances in performance and comfort. Because of its great durability and flexibility, ETPU works in tandem with other core materials to create work shoes that deliver ergonomic, long-lasting comfort with every step.

PHOENIX GTX





SOLID GEAR HYDRA GTX ART. SGUS80006



SOLID GEAR PHOENIX GTX ART. SGUS80007



SOLID GEAR HYDRA GTX / PHOENIX GTX

ART. SGUS80006 / ART. SGUS80007

Solid Gear Hydra GTX and Phoenix GTX are technical safety shoes that integrate modern design with best-in-class materials for water protection, durability and a sporty look. Waterproof and breathable GORE-TEX® lining keeps your feet dry and comfortable, while Vibram® outsole, top grain nubuck leather and CORDURA® ripstop fabric offer great protection and ruggedness. The unique BOA® Fit System, which distributes pressure evenly across your feet, ensures a comfortable glove-like fit.

Upper: Top grain nubuck leather and CORDURA® ripstop
 Membrane: Waterproof and breathable GORE-TEX®
 Outsole: Electric hazard resistant rubber
 Midsole: High performance EVA with TPU shank
 Footbed: Breathable EVA insole with poron pads
 Function: BOA® Fit System
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/I/C EH/PR SATRA TM77:2017
 Protection: Fiberglass toe cap and soft puncture resistance



CORDURA



GORE-TEX®

GORE-TEX® is a thin, perforated membrane. Its pores are 20,000 times smaller than water droplets, but 700 times larger than water molecules. This means that water vapor can pass through the membrane, but it blocks drops of water. GORE-TEX® is 100% waterproof and has a highly effective feature allowing feet to breathe.



VIBRAM®

Vibram® is an extra durable and rugged rubber sole designed to provide an extremely strong grip on uneven surfaces. The rubber is also heat-resistant and can withstand temperatures of up to 300°C / 572 °F.



SOLID GEAR POLAR GTX

ART. SGUS80005

Solid Gear Polar GTX is a one-of-a-kind safety boot that combines top grain nubuck leather with CORDURA® ripstop fabric and a waterproof and breathable GORE-TEX® membrane. In addition, this superior boot comes with synthetic wool winter lining, BOA® Fit System for a precise fit and a Vibram® outsole.

- Upper: Top grain nubuck leather and CORDURA® ripstop
- Membrane: Synthetic wool with waterproof and breathable GORE-TEX®
- Outsole: Electric hazard resistant rubber
- Midssole: High performance EVA with TPU shank
- Footbed: Breathable EVA insole with poron pads
- Function: BOA® Fit System
- Fit: Wide
- Sizes: 6-14
- Safety standard: ASTM F2413-18 M/I/C EH/PR SATRA TM77:2017
- Protection: Fiberglass toe cap and soft puncture resistance



CORDURA



SOLID GEAR GRIFFIN ART. SGUS73001



SOLID GEAR FALCON ART. SGUS73002

SOLID GEAR GRIFFIN / FALCON

ART. SGUS73001 / ART. SGUS73002

Solid Gear Griffin and Falcon are high tech safety shoes that offer a unique combination of durability, lightweight design and exceptional comfort. These supreme shoes comes with a Vibram® TPU outsole, which offers outstanding grip on ice and snow even in very low temperatures. In addition, microfiber combines with CORDURA® ripstop fabric to ensure great water repellency and breathability.

Upper: Microfiber with CORDURA® ripstop
 Lining: 3D breathable lining
 Outsole: TPU outsole from Vibram®
 Footbed: Breathable EVA insole with poron pads
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/I/C EH/PR
 Protection: Fiberglass toe cap and soft puncture resistance



CORDURA



FALCON



SOLID GEAR APOLLO

ART. SGUS74002

Solid Gear Apollo features the latest technology for safety boots, providing a unique combination of durability, lightweight design and exceptional comfort. This high tech boot comes with the Vibram® TPU outsole, which offers outstanding grip on ice and snow even in very low temperatures. In addition, premium full-grain leather ensures great water repellency and breathability.

Upper: Premium full-grain leather
Lining: 3D breathable lining
Outsole: TPU outsole from Vibram®
Footbed: Breathable insole with poron pads
Fit: Wide
Sizes: 6-14
Safety standard: ASTM F2413-18 M/IC EH/PR
Protection: Fiberglass toe cap and soft puncture resistance





SOLID GEAR BRAVO GTX

ART. SGUS75002

Solid Gear Bravo GTX is a state-of-the-art safety midcut boot with all the new technologies in a very classic design. Full grain leather for best in class durability. Vibram® rubber outsole with newly developed FLEX-SYSTEM technology ensures that the shoe will support your step from heel strike to toe off. High injected PU midsole for maximum comfort and rebound. GORE-TEX® membrane for waterproofness and top of the line breathability.

Upper: Premium full-grain leather and CORDURA®
 Membrane: Waterproof and breathable GORE-TEX®
 Outsole: Electric hazard resistant rubber
 Footbed: EVA insole with dual poron pads
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/IC EH/PR SATRA TM77:2017
 Protection: Fiberglass toe cap and soft puncture resistance



CORDURA





SOLID GEAR DELTA GTX

ART. SGUS75001

Delta GTX is a state-of-the-art safety highcut boot with all the new technologies in a very classic design. Full grain leather for best in class durability. Vibram® rubber outsole with newly developed FLEX-SYSTEM technology ensures that the shoe will support your step from heel strike to toe off. High injected PU midsole for maximum comfort and rebound. GORE-TEX® membrane with winter lining in wool for waterproofness and top of the line breathability.

Upper: Premium full-grain leather and CORDURA®
 Membrane: GORE-TEX®
 Lining: Synthetic wool from GORE-TEX®
 Outsole: Electric hazard resistant rubber
 Footbed: EVA insole with dual poron pads
 Function: Side zipper for easy in/out function
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/IC EH/PR SATRA TM77:2017
 Protection: Fiberglass toe cap and soft puncture resistance



CORDURA





DELTA GTX

F7 GTX





SOLID GEAR F7 GTX

ART. SGUS51007

Solid Gear F7 GTX sets the new standard for future technical ankle boots. Experience great support, stability and protection through the unique and specialized design in the TPU heel shank. With a Vibram® Arctic Grip outsole this boot secure an unbeatable grip on ice and other slippery surfaces. The footbed forms from a PU-foam which rests on a 3 mm thick ETPU board, for endless cushioning and rebound. F7 GTX uses the waterproof and breathable GORE-TEX® lining to ensure that your feet are kept dry and comfortable. With the BOA® Fit System you can easily adjust the shoelaces with just a few turns.

Upper: Genuine leather and Ballistic Nylon®
 Membrane: GORE-TEX®
 Outsole: Electric hazard resistant rubber
 Footbed: PU-foam with ETPU binding
 Function: BOA® Fit System
 Fit: Wide
 Sizes: 6-14
 Safety standard: ASTM F2413-18 M/IC EH/PR SATRA TM77:2017
 Protection: Fiberglass toe cap and soft puncture resistance





CHUKKA





SOLID GEAR CHELSEA BLACK / CHELSEA BROWN

ART. SGUS50050 / ART. SGUS50051

As part of the Solid Gear Classic line, the Chelsea boot combines a timeless design with high-tech materials to provide outstanding comfort, durability and an optimal fit while staying stylish and relevant in more than just the workplace.

Upper: Full grain premium leather upper
Lining: Smooth leather
Outsole: Electric hazard resistant rubber
Footbed: High injected PU midsole
Fit: Normal
Sizes: 6.5-13
Safety standard: ASTM F2413-18 M/IC EH/PR
Protection: NANO toe cap and soft puncture resistance



NanoToe



SOLID GEAR CHUKKA

ART. SGUS50041

By utilizing high-tech materials, the Solid Gear Chukka is able to offer superb safety features without sacrificing the classic style synonymous with a chukka boot. This coupled with an optimized fit creates a boot that keeps you safe and looks as good as it feels.

Upper: Full grain premium leather upper

Lining: Smooth leather

Outsole: Electric hazard resistant rubber

Footbed: High injected PU midsole

Fit: Normal

Sizes: 6.5-13

Safety standard: ASTM F2413-18 M/IC EH/PR

Protection: NANO toe cap and soft puncture resistance



NANOTOE





SAFETY SHOE REGULATION

- Meets the requirements of ASTM Specification ASTM F2413 18
- Tested in accordance with ASTM Test Methods F2412 18a
- The safety hazard(s) tested below:

IMPACT RESISTANCE (I)

Impact force 101.7 J (75 lbf), performed at 22°C / 71.6°F and 50% RH
- Requirement (size 9) = \geq 12.7mm

COMPRESSION RESISTANCE (C)

Compression force 11121 N (2500 lbf), performed at 22°C / 71.6°F and 50% RH
- Requirement (size 9) = \geq 12.7mm

ELECTRIC HAZARD RESISTANCE (EH)

Under the application of 18,000 V at 60 Hz AC for 60 seconds, conditioned at 22°C / 71.6°F and 50% RH for 24 h and tested under same condition
- No current flow or leakage current in excess of 1.0 mA

PUNCTURE RESISTANCE (PR)

Conditioned at 22°C / 71.6°F and 50% RH for 24 h and tested under same condition
- The test pin did not penetrate beyond the face of the material nearest the foot before 1200 N

WATER PENETRATION

SATRA TM77:2017 Water Penetration test for whole shoe. Water level is up to the first weave loop, flexing angle is 45
- Requirement no water penetration after 50,000 cycles

SIZING

Solid Gear sizes may differ between different products, so each shoe has an individual size guide. You can find this size guide on our website www.solidgear.com on the relevant product pages.

PROTECTION

FIBERGLASS TOE CAP

Our fiberglass toe cap is lighter and safer than traditional toe caps. In addition, it features a multilayer technology which creates a roomier toe box and a sporty appearance. Fiberglass is a non-conductive and metal free material.

PUNCTURE RESISTANCE

Our puncture resistance, sometimes called composite plate are made of technical fibers and are lighter and thinner but still stronger than their predecessors. The new design creates extra comfort and improved flexibility.

NANOToe

NANO Carbon composite material is 40% stronger than regular fiberglass. Thinner wall design provides more room for better comfort. Meets all international standards, including ASTM, CSA, EN 125685. It's the first safety toe cap made of NANO carbon technology in the world. Bringing your shoes excellent comfort, light weight, and strong protection, with the most innovative technology.



Contender Composit Inc is the leading supplier of composite toe caps. In close cooperation with them we have developed our fiberglass and NANO toe caps to be 100% adjusted to our products.

TECHNOLOGIES



Vibram® is an extra durable and rugged rubber sole designed to provide extremely strong grip on uneven surfaces. The rubber is also heat resistant and can withstand temperatures of up to 300°C / 572 °F.



CORDURA® is a highly durable and hard-wearing fabric with an effective feature allowing feet to breathe.



GORE-TEX® is a thin, perforated membrane. Its pores are 20,000 times smaller than water droplets, but are 700 times larger than water molecules. This means that water vapor can pass through the membrane, but it blocks drops of water. GORE-TEX® is 100% waterproof and has a highly effective feature allowing feet to breathe.



The BOA® Fit System is quick, simple and durable. Its technology is so simple that practically anyone can use it. By distributing pressure evenly across the feet, the fit of your footwear can be adjusted to your preference. Simply press the wheel and turn it until you are satisfied.



FLEX-SYSTEM is designed to work with the biomechanical functions in our foot. The System is supporting our natural movement, providing stability and support and it distributes pressure to the ergonomic zones and help the foot flex efficiently.



Solid Gear StarKnit is an upper constructed as one solid piece. Polyester yarn is knitted together in a precise and detailed process that provides a feather light, glove like fit without any seams. Because of its ability to vary in thickness across the upper, the StarKnit is called a smart construction. The knit is adjusted depending on what function it needs to fill, being thicker in areas where you need more protection and lighter where you need higher breathability and flexibility.



Leather Working Group is an international, not-for-profit membership organization and responsible for the world's largest leather sustainability program. LWG aims to improve the environmental impact of the leather industry by assessing and certifying leather manufacturers.

SYMBOLS



Toe cap



Puncture resistance



Water repellency



Waterproof



Metal free



Metal free protection but metal in upper



Winter lining



Zipper



BOA® Fit System



WE IMPROVE THE WORK LIFE OF PROFESSIONAL USERS THROUGH BEST-IN-CLASS PRODUCTS AND SOLUTIONS.

HULTAFORS GROUP offers a dynamic range of premium brands to rely on – for distributors and craftsmen alike. Each brand within the Group is united with a common passion: to keep professionals at the forefront in terms of functionality, safety, protection and overall productivity.

We are a trusted partner that enables synergies and sustainable growth for both people and business. From business development and logistics, to product design and marketing, we form a powerful partnership that propels our brands and people forward.

We do this by trying out new ideas, respecting each other and above all, by listening to and involving professionals in everything we do. We care about people and rely on the power of research and data to understand challenges professional users experience every day.

Our team is made up of proud and experienced specialists who work side by side with new talents. With passion for forward-thinking solutions, always looking for new knowledge and insights, we find new ways to make a positive impact and improve work and life for the users of our products.

Hultafors Group have sales and marketing teams in all our key markets in Europe and North America. Hultafors Group is owned by Investment AB Latour.



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