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HECKEL – PERFORMANCE WITH STYLE

HECKEL, BASED IN LA WALCK, FRANCE, HAS BEEN ONE OF THE WORLD LEADERS IN THE MANUFACTURE OF SAFETY FOOTWEAR SINCE 1970. THE BRAND'S EXPERTISE IN THIS FIELD MEANT THAT HECKEL BECAME REGARDED AS AN INDUSTRY EXPERT IN ITS FIELD. SINCE 2001 HECKEL HAS BEEN A BRAND OF THE UVEX GROUP, ONE OF THE WORLD LEADERS IN PERSONAL PROTECTIVE EQUIPMENT (PPE).

THE HECKEL NAME IS SYNONYMOUS WITH HIGH PERFORMANCE. WHEN WORN, USERS KNOW THEY ARE FULLY PROTECTED BY THEIR HECKEL SAFETY FOOTWEAR AND EQUIPPED FOR EVEN THE MOST EXTREME CONDITIONS.

WE NEVER COMPROMISE ON THE QUALITY AND CONTROL OF OUR PRODUCTS. ULTIMATELY, THIS IS THE BEST WAY OF GUARANTEEING THE PERFORMANCE OF OUR PRODUCTS.

WE ARE CONVINCED THAT WEARERS SAFETY, STEMS FROM A COMBINATION OF THE MOST INNOVATIVE MATERIALS AND TECHNOLOGIES AND GOOD DESIGN. LOOKING GOOD WHILST PROVIDING TOTAL PROTECTION IS HECKEL'S GOAL.

OUR SLOGAN «PERFORMANCE WITH STYLE» REFLECTS THAT GOAL.

YOU ARE THE FIRST EXPERTS WE LISTEN TO. IT IS BY STUDYING YOUR EXPECTATIONS AND NEEDS THAT WE ARE ABLE TO DESIGN THE PRODUCTS THAT WILL PROTECT YOU ON A DAILY BASIS. WITH THE HELP OF OUR SPECIALISED TECHNICIANS, WE CREATE PRODUCTS THAT ARE EVER MORE INNOVATIVE. SOPHISTICATED CONTROL PROCEDURES ARE APPLIED TO ALL OUR MODELS THROUGHOUT THE MANUFACTURING PROCESS IN ORDER TO GUARANTEE INFALLIBLE QUALITY.

MAC **THE RUBBER TECHNOLOGY MACSOLE®**

Rubber is prized in many fields for its exceptional properties: grip, durability, elasticity, resistance to abrasion, and resistance to extreme temperatures and harsh substances. Building on its many years of experience, Heckel Sécurité has developed revolutionary new types of

rubber under the MACSOLE® brand. MACSOLE® soles, made from an exclusive mixture of nitrile rubbers developed by our R&D department, offer unequalled performances in terms of adherence, safety and longevity in the most extreme conditions.



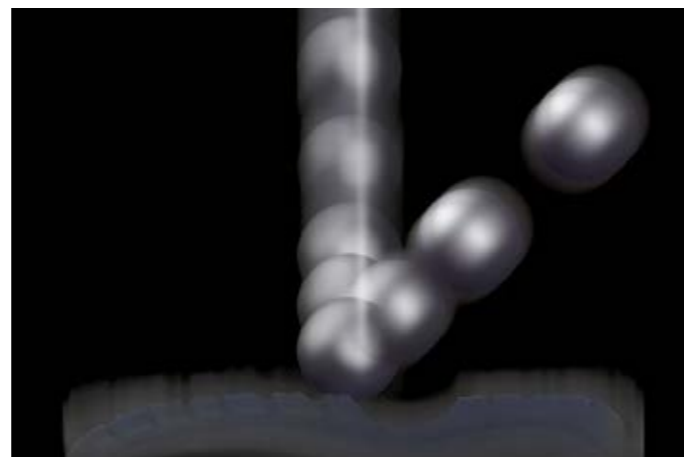
DURABILITY
MACSOLE® soles are made of unique, exclusive compounds offering unequalled abrasion resistance and prolonging the service life of our products.



GRIP
Our exclusive MACSOLE® rubber formula offers unrivalled grip, far exceeding the requirements of EN 13287.



RESISTANCE TO CONTACT HEAT
Only rubber can meet the HRO standard (300°C). Those models endowed with MACSOLE® technology can resist contact heat as high as 800°C.



SHOCK ABSORPTION
The unique and exclusive rubber material used to make each MACSOLE® model provides very high shock absorption properties. The natural elasticity of rubber ensures long-lasting shock absorption. MACSOLE® footwear helps to reduce the risk of accidents by reducing fatigue caused by prolonged walking or standing.

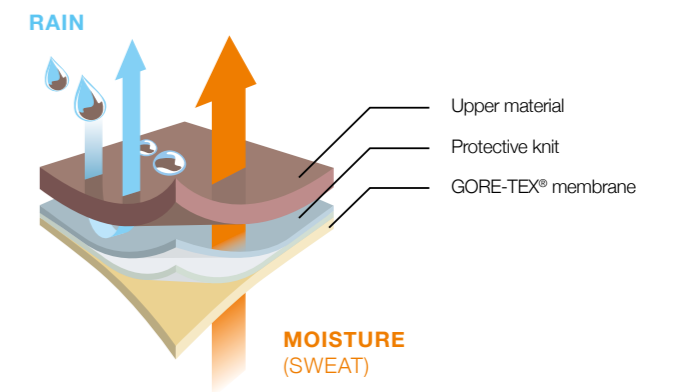


GUARANTEED TO KEEP YOU DRY

Waterproof and breathable, GORE-TEX® allows moisture (perspiration) to evaporate, keeping your feet dry and comfortable at all times. XCR® technology is ideal for both outdoor and indoor wear, offering you superior comfort, even if you have to spend hours on your feet. In order to guarantee the ideal climate for your foot, every component (leather, fabric) is made from highly breathable materials and is subject to exceptionally strict testing at every stage of the production process – from the prototype right through to the finished product.

GORE-TEX® MEMBRANE, WHAT IS IT?

GORE-TEX® is a microporous membrane often used in footwear. Its pores are small enough to prevent water droplets from penetrating into the shoe, but large enough to allow the evaporation of water vapour from inside, enabling perspiration to escape.



LASER ROUGHING

In order to provide professionals with ever more efficient products, the Heckel brand has acquired a laser roughing unit, a first in Europe! But what is roughing? Roughing is an operation that consists of roughing or separating the leather fibres around the bottom edge of the upper to allow the sole material to bond with the leather. The traditional roughing process, done using roughing cutters, results in wear and, therefore, means sacrificing some of the leather quality. With laser technology, the result is completely identical from first to last and Heckel can therefore, guarantee an unequalled degree of reliability in terms of upper/sole bonding.

NON-METAL PENETRATION RESISTANT SOLE

Resistance to perforation up to **1100 Newton** in accordance with the EN 20345 standard | **100% composite** | **flexible** | **antimagnetic** | **protects 100%** of the surface of the foot (as opposed to 85% on average for steel soles) | **lighter** than steel soles | conducts less heat and cold than a metal sole



NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to **200 j** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | **comfortable due** thanks to its ergonomic shape | **extra wide** | **20% lighter** than a conventional steel toecap | **conducts less** heat and cold than a metal toecap





HECKEL FOOTWEAR OFFERS A NUMBER OF SAFETY AND PROTECTION SPECIFICATIONS. IN ORDER TO FACILITATE UNDERSTANDING OF THESE SPECIFICATIONS, WE USE VARIOUS PICTOGRAMS. HERE IS THE LIST OF THOSE PICTOGRAMS AND THEIR MEANING.



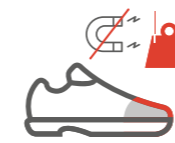
PROTECTIVE STEEL TOECAP

Provides protection against falling objects up to 200 joules and compression of up to 15000 Newton in accordance with the EN 20345 standard

100% metal free

METAL FREE

The entire shoe is free of any metal parts



NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to 200 joules and compression of up to 15000 Newton in accordance with the EN 20345 standard | 100% antimagnetic | comfortable due to its ergonomic shape | extra wide | 20% lighter than a conventional steel toecap | conducts less heat and cold than a metal toecap



FIRE-RESISTANT STITCHING



INSOLE WITH THERMAL INSULATION

Insulation against heat and cold



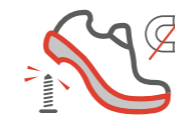
STAINLESS STEEL PENETRATION RESISTANT SOLE

Resistance to perforation up to 1100 Newton in accordance with the EN 20345 standard



RESISTANCE TO CONTACT HEAT (HRO)

Resistance to temperatures of up to 300°C in accordance with the EN 20345 standard



NON-METAL PENETRATION RESISTANT SOLE

Resistance to perforation up to 1100 Newton in accordance with the EN 20345 standard | 100% composite | flexible | antimagnetic | protects 100% of the surface of the foot (as opposed to 85% on average for steel soles) | lighter than steel soles | conducts less heat and cold than a metal sole



RESISTANCE TO WATER PENETRATION

WRU or WR in accordance with the EN 20345 standard



RUN-R

THE RUN-R RANGE TAKES ITS INSPIRATION FROM THE WORLD OF ROAD AND TRAIL RUNNING BOTH FOR ITS DESIGN AND IN THE TECHNOLOGIES AND PERFORMANCES IT OFFERS: ULTRA-FLEXIBLE, EXCELLENT SLIP RESISTANCE (SRC), MICROFIBRE UPPERS, QUICK LACE SYSTEM, 100% METAL-FREE TOE CAPS, EXTREMELY LOW WEIGHT AND PREMIUM HYGIENIC INSOLES.

THIS RANGE IS DESIGNED FOR CRAFTS OR TRADES MEN; WAREHOUSING AND LOGISTICS, PUBLIC SERVICE AND LIGHT INDUSTRY WORKERS.



**CLIMA MANAGEMENT/
UPPER TECHNOLOGIES**

3D Mesh:
excellent breathability



**SPEED LACE
SYSTEM**

Quick easy adjustment. No laces to work loose or become tangled.



**NON-METAL
PROTECTIVE TOECAP**

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | **comfortable due** to its ergonomic shape | extra wide | **20% lighter** than a conventional steel toecap | **conducts less** heat and cold than a metal toecap



PU2D SOLE

SRC | oil, hydrocarbon & chemical resistant | **antistatic** | **highly flexible**

Deep grooves for better grip in the forefoot area

Wide ground-bearing surface

Sharp-edged tread profile improves grip

Self-cleaning sole profile increases slip resistance

GRIPSTEP profile for ladders and stairs

Dua density PU for excellent shock absorption

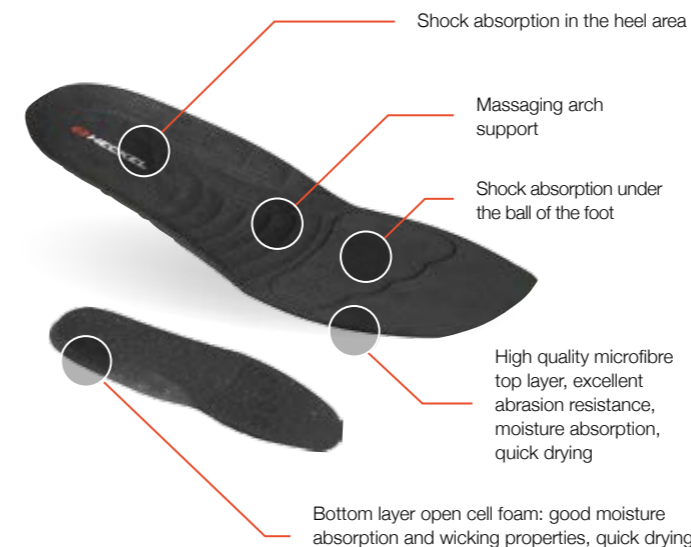
Grooves at the back of the heel for a better grip when the heel first touches the ground

Width 11



RUN-R INSOLE

removable | **anatomical** | **anti-bacterial** and active carbon **anti-odour** treatment | washable at 30°C



Shock absorption in the heel area

Massaging arch support

Shock absorption under the ball of the foot

High quality microfibre top layer, excellent abrasion resistance, moisture absorption, quick drying

Bottom layer open cell foam: good moisture absorption and wicking properties, quick drying



NON-METAL PENETRATION RESISTANT SOLE

Resistance to perforation up to **1100 Newton** in accordance with the EN 20345 standard | **100% composite** | **flexible** | **antimagnetic** | **protects 100%** of the surface of the foot (as opposed to 85% on average for steel soles) | **lighter** than steel soles | conducts less heat and cold than a metal sole



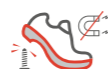


RUN-R 210 S1P SRC

PU2D sole | microfibre and TPU film upper | 3D polyester mesh lining | metal-free toe cap | **puncture resistant** metal-free midsole | anatomically shaped **hygienic insole** with front and heel shock absorption | **weight 490 g** in size 42

Metal-free model for trades men, light industry, warehousing and logistics, manufacturing, dry environments.

SIZES **37 - 48**
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261005



100% metal free

RUN-R 200 S1P SRC

PU2D sole | microfibre and TPU film upper | 3D polyester mesh lining | metal-free toe cap | **puncture resistant** metal-free midsole | anatomically shaped **hygienic insole** with front and heel shock absorption | **weight 490 g** in size 42

Metal-free model for trades men, light industry, warehousing and logistics, manufacturing, dry environments.

SIZES **37 - 48**
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261004



100% metal free



RUN-R 100 LOW + HIGH S1P SRC

PU2D sole | mesh upper and TPU support structure | 3D polyester mesh lining | metal-free toe cap | puncture resistant metal-free midsole | anatomically shaped hygienic insole with front and heel shock absorption | speed lace system (low) / extra, standard laces supplied in the box (low) | weight 480 g (low) and 520 g (high) in size 42

Metal-free model for trades men, light industry, warehousing and logistics, manufacturing, dry environments.

SIZES 37 - 48
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261003 (LOW)
ART. NO. 6261002 (HIGH)



100% metal free

RUN-R 110 LOW + HIGH S1P SRC

PU2D sole | mesh upper and TPU support structure | 3D polyester mesh lining | metal-free toe cap | puncture resistant metal-free midsole | anatomically shaped hygienic insole with front and heel shock absorption | speed lace system (low) / extra, standard laces supplied in the box (low) | weight 480 g (low) and 520 g (high) in size 42

Metal-free model for trades men, light industry, warehousing and logistics, manufacturing, dry environments.

SIZES 37 - 48
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261001 (LOW)
ART. NO. 6261000 (HIGH)



100% metal free



RUN-R 300 LOW + HIGH S3 SRC

PU2D sole | oiled nubuck upper | 3D polyester mesh lining | metal-free toe cap | puncture resistant metal-free midsole | anatomically shaped hygienic insole with front and heel shock absorption | weight 530 g (low) and 550 g (high) in size 42

Metal-free model for trades men, industry, warehousing and logistics, manufacturing, public services, humid environments.

SIZES 37 - 48
EN ISO 20345 : 2011 S3 SRC
ART. NO. 6261006 (LOW)
ART. NO. 6261008 (HIGH)



100% metal free



RUN-R 400 LOW + HIGH S3 SRC

PU2D sole | embossed full-grain leather upper | 3D polyester mesh lining | metal-free toe cap | puncture resistant metal-free midsole | anatomically shaped hygienic insole with front and heel shock absorption | weight 540 g (low) and 560 g (high) in size 42

Metal-free model for trades men, industry, warehousing and logistics, manufacturing, public services, humid environments.

SIZES 37 - 48
EN ISO 20345 : 2011 S3 SRC
ART. NO. 6261007 (LOW)
ART. NO. 6261009 (HIGH)



100% metal free





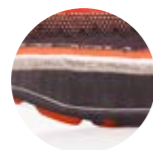
MACSOLE® SPORT 2.0

MACSOLE® SPORT 2.0 IS THE IDEAL RANGE FOR PEOPLE LOOKING FOR A LIGHTWEIGHT, ANTIMAGNETIC PRODUCT, DESIGNED LIKE A SPORTS SHOE FOR WORKING IN THE FIELDS OF TRANSPORT (COURIERS, DRIVERS), LOGISTICS (FORKLIFT TRUCK DRIVERS, WAREHOUSES, MESSAGING PLATFORMS) AND LIGHT INDUSTRY. THE ADDITION OF REFLECTIVE INSERTS IN THE UPPER AND THE SOLE HELPS TO INCREASE THE SAFETY OF NIGHT WORKERS.





SOLE EXTENDS UP THE HEEL
to facilitate driving



EVA FOAM
excellent shock absorption
and lightness

SCUFF CAP
helps prolong the life of the product |
suitable for those working in a **crouching or
kneeling position**



MACSOLE® EVA / RUBBER SOLE

SRA | oil, hydrocarbon & chemical resistant | heat resistant outsole
up to 300°C (HRO) | antistatic

Excellent abrasion and cut resistance

Wide ground-bearing surface

Self-cleaning sole profile increases slip resistance

Sharp tread profile

Width 11



NON METALLIC PENETRATION RESISTANT MIDSOLE

Resistance to perforation up to **1100 Newton** in accordance with the EN 20345 standard | **100% composite** | flexible | antimagnetic | protects **100%** of the surface of the foot (as opposed to 85% on average for steel soles) | lighter than steel soles | conducts less heat and cold than a metal sole | **100% metal free**

CELL TECH HYGIENIC INSOLE

Removable | anatomically shaped



Textile top layer and large perforations for easy wicking of moisture

EVA provides good shock absorption



NON-METALLIC PROTECTIVE TOECAP

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | comfortable due to its ergonomic shape | extra wide | 20% lighter than a conventional steel toecap | conducts less heat and cold than a metal toecap





MACJUMP 2.0 S3 HRO SRA

EVA / Rubber Macsole Sport 2.0 sole | liquid-resistant full-grain leather upper, solid PVC scuff cap, reflectors | mesh lining | metal-free toe cap | puncture resistant metal-free midsole | CELL TECH hygienic insole | weight 610 g in size 42

Wet environments, jobs in logistics, transport, light industry, services, local authorities, craft industries, second fit

SIZES **36-48**
EN ISO 20345: 2011 S3 HRO SRA
ART. NO. 6267006



100% metal free



300°C

MACPULSE 2.0 S3 HRO SRA

EVA / Rubber MACSOLE® Sport 2.0 sole | liquid-resistant full-grain leather upper, solid PVC scuff cap, reflectors | mesh lining | metal-free toe cap | penetration resistant metal-free midsole | CELL TECH hygienic insole | weight 590 g in size 42

Wet environments, jobs in logistics, transport, light industry, services, local authorities, craft industries, second fit

SIZES **36-48**
EN ISO 20345: 2011 S3 HRO SRA
ART. NO. 6267005



100% metal free



300°C

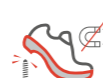


MACMOVE 2.0 S1P HRO SRA + MACSPEED 2.0 S1P HRO SRA

EVA / Rubber MACSOLE® Sport 2.0 sole | suede and textile upper, solid PVC scuff cap, reflectors | mesh lining | metal-free toe cap | penetration resistant metal-free midsole | CELL TECH hygienic insole | weight 610 g (MACMOVE) and 590 g (MACSPEED) in size 42

Wet environments, jobs in logistics, transport, light industry, services, local authorities, craft industries, second fit

SIZES 36-48
EN ISO 20345: 2011 S1P HRO SRA
MACMOVE 6267004
MACSPEED 6267003



100% metal free



MACAIR 2.0 S1P HRO SRA

EVA / Rubber MACSOLE® Sport 2.0 sole | breathable suede upper with large perforations, solid PVC scuff cap, reflectors | adjustable strap with fast opening and closing system | mesh lining | metal-free toe cap | penetration resistant metal-free midsole | CELL TECH hygienic insole | weight 610 g in size 42

Hot dry environments, jobs in logistics, transport, light industry, services, local authorities, craft industries, second fit

SIZES 36-48
EN ISO 20345: 2011 S1P HRO SRA
ART. NO. 6267002



100% metal free





MACSOLE® ADVENTURE 2.0

THE TOTALLY ANTIMAGNETIC MACSOLE® ADVENTURE 2.0 RANGE IS DEDICATED TO DIFFICULT WORKS AND ANYONE LOOKING FOR AN AUTHENTIC OUTDOOR DESIGN. ITS DEEP TREAD, ITS RUBBER-COVERED TOECAP, ITS LATERAL REINFORCEMENT AND ITS REINFORCED CAST IRON ANKLE SUPPORT SYSTEM MAKE IT THE VERSATILE RANGE PAR EXCELLENCE.





REINFORCED AT THE BACK AND SIDES

better supports the foot and heel | limits the risk of sprains

RUBBER SCUFF CAP

high **abrasion resistance** | **prolonged product life** | suitable for those working in a **crouching or kneeling position**



Width 11



MACSOLE® RUBBER SOLE

SRC | oil, hydrocarbon & chemical resistant | heat resistant outsole up to 300°C (HRO) | antistatic

Excellent abrasion and cut resistance

Wide ground-bearing surface

Self-cleaning sole profile for increased slip resistance

All-terrain profile with deep treads

Sharp tread profile improves grip

Defined heel with sharp edges



NON-METALLIC PENETRATION RESISTANT MIDSOLE

Resistance to perforation up to **1100 Newton** in accordance with the EN 20345 standard | **100% composite** | flexible | **antimagnetic** | **protects 100%** of the surface of the foot (as opposed to 85% on average for steel soles) | lighter than steel soles | conducts less heat and cold than a metal sole

CELL TECH HYGIENIC INSOLE

Removable | anatomically shaped

Textile top layer and large perforations for easy wicking of moisture



EVA provides good shock absorption



NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | comfortable due to its ergonomic shape | extra wide | 20% lighter than a conventional steel toecap | **conducts less** heat and cold than a metal toecap





WR



SRC



WR



SRC

MACEXPEDITION LOW 2.0 + 2.0 S3 CI HI WR HRO SRC

MACSOLE® ADVENTURE 2.0 rubber **sole** | textile **upper**, rubber scuff cap | reinforced heel and sides | GORE-TEX® **lining** | metal-free **toe cap** | **puncture resistant** metal-free midsole | anatomically shaped POLIYOU PU hygienic insole with shock absorbers under the heel and ball of the foot | **weight 710 g** (low 2.0) and **720 g** (2.0) in size 42

100% metal-free model for humid outdoor environments, forestry.

SIZES 36-48
EN ISO 20345: 2011 S3 CI HI WR HRO SRC
ART. NO. 6265501 (LOW 2.0)
ART. NO. 6265500 (2.0)



100% metal free



MACWILD LOW 2.0 + 2.0 S1P CI HI HRO SRC

MACSOLE® ADVENTURE 2.0 rubber **sole** | suede and textile **upper**, rubber scuff cap, reinforced heel and sides | mesh **lining** | metal-free **toe cap** | **puncture resistant** metal-free midsole | CELL TECH **hygienic insole** | **weight 680 g** (low 2.0) and **690 g** (2.0) in size 42

100% metal-free model for working on irregular surfaces, dry environments.

SIZES 36-48
EN ISO 20345: 2011 S1P CI HI HRO SRC
ART. NO. 6265505 (LOW 2.0)
ART. NO. 6265504 (2.0)



100% metal free





CI HI



HRO



MACCROSSROAD BROWN 2.0 S3 CI HI HRO SRC

MACSOLE® ADVENTURE 2.0 rubber **sole** | liquid-resistant full-grain leather **upper**, rubber scuff cap, reinforced heel and sides | mesh **lining** | metal-free **toe cap** | **penetration-resistant** metal-free midsole | CELL TECH **hygienic insole** | **weight 730 g** in size 42

100% metal-free multi-purpose model for walking on uneven terrain, humid environments.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6265507



100% metal free



MACCROSSROAD LOW 2.0 + 2.0 S3 CI HI HRO SRC

MACSOLE® ADVENTURE 2.0 rubber **sole** | liquid-resistant full-grain leather **upper**, rubber scuff cap, reinforced heel and sides | mesh **lining** | metal-free **toe cap** | **puncture resistant** metal-free midsole | CELL TECH **hygienic insole** | **weight 720 g** (low 2.0) and **730 g** (2.0) in size 42

100% metal-free multi-purpose model for walking on uneven terrain, humid environments.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6265503 (LOW)
ART. NO. 6265502 (2.0)



100% metal free





MACSOLE® EXTREM 2.0

HEAVY INDUSTRY, CHEMICAL INDUSTRY: WHEREVER RISKS ARE HIGH, ENVIRONMENTS HARSH OR CONDITIONS EXTREME, MACSOLE® EXTREM 2.0 RUBBER SOLE TECHNOLOGY IS THE BEST-PERFORMING SOLUTION. THE MACSOLE® RUBBER SOLE TECHNOLOGY, PERFORMS IN HIGH RISK ENVIRONMENTS WITHOUT COMPROMISING COMFORT. EXCEPTIONAL GRIP, RESISTANCE TO EXTREME TEMPERATURES, RESISTANCE TO AGGRESSIVE CHEMICALS AND SHOCK PROTECTION ALL COME AS STANDARD.





SHOCK ABSORBER

Optimum absorption of impacts thanks to a shock absorbing insert covering the entire heel surface



ASYMMETRIC SCUFF CAP

A year-long survey on safety footwear conducted by Heckel clearly showed (in more than 95% of cases) that the area most exposed to wear at the front of the shoe is on the inside of the scuff cap. Based on this finding, Heckel's R&D Department decided to create an asymmetric scuff cap to protect the areas most vulnerable to wear. Made of MACSOLE® rubber, it guarantees extreme durability.



Width 11



MACSOLE® RUBBER SOLE

SRC | oil, hydrocarbon & chemical resistant | antistatic
2 rubber compounds for different working environments, identified by coloured markers in the sole:
red for «extreme» heat conditions - in excess of 300°C (i.e. beyond HRO standards)
black for «standard» conditions - temperatures from -20°C to 300°C (HRO)

Excellent abrasion and cut resistance

Wide ground-bearing surface

Self-cleaning sole profile increases slip resistance

Sharp tread profile

Defined heel with sharp edges

3D-DISTANCE-MESH LINING

3D structure absorbs perspiration fast allowing the feet to breathe and keeping them dry | **quick-drying** | increased durability | excellent abrasion resistance



THERMOSHIELD XTREM®

High performance thermal insulation | breathable textile surface | anatomically shaped wraparound insole provides excellent stability | **shock absorber** for walking comfort | textile contact surface, efficiently wicks moisture | **antistatic**



NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | **comfortable** due to its ergonomic shape | extra wide | 20% lighter than a conventional steel toecap | **conducts less** heat and cold than a metal toecap





MACSILVER 2.0 S3 CI HI HRO SRC

MACSOLE® EXTREM 2.0 rubber **sole** | full-grain leather **upper**, reflective elements, derby cut fits any foot, fewer seams for greater comfort, padded tongue and collar | 3D-Distance-Mesh **lining** | metal-free **toe cap** | metal-free **midsole** | Thermoshield® Xtrem **hygienic insole** with thermal insulation, anatomically shaped footbed, moisture absorption system, shock absorber | **weight MACSILVER 840 g** in size 42

Heavy industry, construction, engineering shops, asphalt, hot conditions, humid environments.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6265000



MACSILVER INTEGRAL 2.0 S3 M CI HI HRO SRC

MACSOLE® EXTREM 2.0 rubber **sole** | full-grain leather **upper**, reflective elements, derby cut fits any foot, fewer seams for greater comfort, padded tongue and collar | totally painless 100J **metatarsal protection** | 3D-Distance-Mesh **lining** | metal-free **toe cap** | metal-free **insole** | Thermoshield® Xtrem **hygienic insole** with thermal insulation, anatomically shaped footbed, moisture absorption system, shock absorber | **weight MACSILVER 880 g** in size 42

Risk of objects falling on the metatarsals, work with high pressure cleaners, steelworks, foundries.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 M CI HI HRO SRC
ART. NO. 6265008





EN 20349



800°C

MACRANGER 2.0 S3 CI HI-3 AL HRO SRC

MACSOLE® EXTREM 2.0 rubber **sole** resistant to extreme heat (> +300°C) | full-grain leather **upper**, seams NOMEX® thread, anti-projection flap, Velcro fastening system, padded collar, tongue lined with fire-resistant textile | quick-release elastic laces | leather **lining** | metal-free **toe cap** | steel **midsole** | Thermoshield® Xtrem **hygienic insole** with thermal insulation, anatomically shaped footbed, moisture absorption system, shock absorber | **weight 950 g** in size 42

Foundries, steelworks, welding, walking on very hot surfaces.

SIZES **36 - 48**

EN ISO 20349: 2010 S3 CI HI-3 AL HRO SRC
ART. NO. 6265005





ZIP



WR



MACFOREST ZIP 2.0 S3 CI HI HRO SRC

MACSOLE® EXTREM 2.0 rubber **sole** | full-grain leather **upper**, waterproof side zipper, reflective elements | derby cut fits any foot, fewer seams for greater comfort | padded tongue and collar | 3D-Distance-Mesh **lining** | metal-free **toe cap** | metal-free **midsole** | Thermoshield® Xtrem **hygienic insole** with thermal insulation, anatomically shaped footbed, moisture absorption system, shock absorber | **weight 900 g** in size 42

Oil and gas industry, off-shore, chemicals, utilities, humid conditions, construction.

SIZES **36 - 48**
EN ISO 20345: 2011 S3 CI HI HRO SRC
ART. NO. 6265002



MACTREK GTX 2.0 S3 WR CI HI HRO SRC

MACSOLE® EXTREM 2.0 rubber **sole** | possible to wear the product without the removable tongue | full-grain leather **upper**, reflective elements, removable tongue for perfect fit for all types of foot and additional protection, fewer seams for greater comfort, padded collar | GORE-TEX® **lining** | metal-free **toe cap** | metal-free **midsole** | Thermoshield® Xtrem **hygienic insole** with thermal insulation, anatomically shaped footbed, moisture transportation system, shock absorber | **weight 920 g** in size 42

Extremely aggressive construction environments, wet or mountain conditions, risk of falling objects, oil and gas industry

SIZES **36 - 48**
EN ISO 20345: 2011 S3 WR CI HI HRO SRC
ART. NO. 6265009



XXL PRO

THE XXL PRO RANGE IS THE OPTIMUM SOLUTION FOR PEOPLE WORKING IN THE HEAVY CONSTRUCTION INDUSTRY AND IN QUARRIES. ITS WRAPAROUND SOLES MADE OF DUAL DENSITY PU COMBINED WITH LEATHERS THAT ARE VERY RESISTANT TO ABRASION AND LIQUIDS, PROVIDE PROTECTION FOR USERS UP TO +360°C.





SOFT COMFORT

Collar made of flexible synthetic material | thick comfortable foam | 3D-Mesh lining

WRAPAROUND PU2D SOLE

Tough | protects against liquids and mud | stabilises and supports the ankle | exceptional shock absorption properties (over 40J)

INJECTION MOULDED PU OVERCAP

Helps prolong product life | suitable for those working in a crouching or kneeling position



PU2D SOLE

SRC | oil, hydrocarbon & chemical resistant | antistatic

Deep treads

Sharp tread profile

Self-cleaning sole profile increases slip resistance

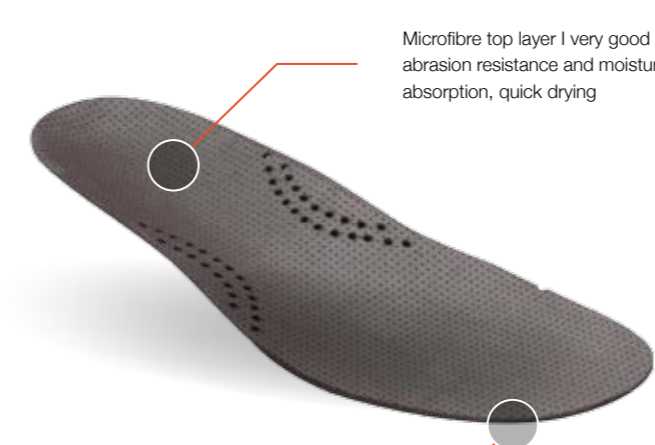
Defined heel with sharp edges

Grooves at the back of the heel for a better grip when the heel first touches the ground

Width 11

HYDROFLEX INSOLE

Removable | anatomically shaped | antistatic | contains no hazardous substances



Microfibre top layer | very good abrasion resistance and moisture absorption, quick drying

Bottom layer open cell foam : good moisture absorption and wicking properties, quick drying | shock absorption under the ball of the feet

OUTSTANDING UPPER/SOLE ADHESION

Outstanding abrasion resistance due to a laser cutting process unique in Europe in the safety footwear field





SRC



S3



TETRA PRO S3 CI SRC

PU2D sole | full-grain pigmented liquid-resistant leather upper, waterproof leather gusset | 3D-Distance-Mesh lining | steel toe cap | **puncture resistant**, stainless steel midsole | **hygienic** hydroflex insole | **weight 650g** in size 42

Building and construction, quarries.

SIZES **38 - 48**
EN ISO 20345 : 2011 S3 CI SRC
ART. NO. 6263001



ALPHA PRO S3 CI SRC

PU2D sole | full-grain pigmented liquid-resistant leather upper, waterproof leather gusset | 3D-Distance-Mesh lining | steel toe cap | **puncture resistant**, stainless steel midsole | **hygienic** hydroflex insole | **weight 750g** in size 42

Building and public services, construction and civil engineering, quarries.

SIZES **38 - 48**
EN ISO 20345 : 2011 S3 CI SRC
ART. NO. 6263000



SUXXEED®

THE SUXXEED® RANGE IS CHARACTERISED BY VERY GOOD SHOCK ABSORPTION AND EXCEPTIONAL GRIP WHATEVER THE WEATHER, WHATEVER THE SURFACE. VERY VERSATILE AND TOTALLY ANTIMAGNETIC, THE PRODUCTS IN THE SUXXEED® RANGE ARE AIMED AT THE FIELDS OF CRAFT INDUSTRY, INDUSTRY, LOGISTICS, COLLECTIVE SERVICES, MAINTENANCE AND INDUSTRIAL CLEANING.





SOFT COMFORT

Flexible collar | thick comfortable foam | Climate Airmesh lining

PU2D SOLE

Excellent shock absorption and very low weight



PU2D SOLE

SRC | oil, hydrocarbon & chemical resistant | antistatic | excellent shock absorption | very light

Wide ground-bearing surface

Sharp tread profile

Self-cleaning sole profile increases slip resistance

Grooves at the back of the heel for a better grip when the heel first touches the ground

Width 11



NON-METAL PENETRATION RESISTANT

Resistance to perforation up to **1100 Newton** in accordance with the EN 20345 standard | **100% composite** | **flexible** | **antimagnetic** | **protects 100%** of the surface of the foot (as opposed to 85% on average for steel soles) | **lighter** than steel soles | conducts less heat and cold than a metal sole



NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | **100% antimagnetic** | **comfortable due** to its ergonomic shape | **extra wide** | **20% lighter** than a conventional steel toecap | **conducts less** heat and cold than a metal toecap





SUXXEED® S1P LOW S1P SRC

PU2D sole | ultra breathable suede upper, perforations for perfect ventilation | Climate Airmesh lining | metal-free toe cap | puncture resistant metal-free midsole | removable hygienic insole with abrasion-resistant textile top layer | weight 585 g in size 42

Metal-free model, very lightweight and flexible. Suitable for trades men, warehousing and logistics, services, industry, hot environments, dry environments.

SIZES 38 - 47
EN ISO 20345: 2011 S1P SRC
ART. NO. 6263803



100% metal free

SUXXEED® S3 LOW + S3 S3 SRC

PU2D sole | oiled hydro suede leather upper resistant to liquid penetration, collar and gusset in water-repellent fabric, fabric eyelets | Climate Airmesh lining | metal free toecap | metal free penetration resistant sole | removable insole, top in abrasion-resistant fabric | weight 570 g (S3 low) and 615 g (S3) in size 42

Metal-free model, very lightweight and flexible. Suitable for trades men, heavy industry, warehousing and logistics, services, humid environments.

SIZES 38 - 47
EN ISO 20345: 2011 S3 SRC
ART. NO. 6263801 (S3 LOW)
ART. NO. 6263800 (S3)



100% metal free



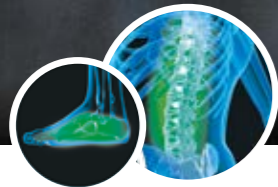


MACSOLE® 1.0

DESIGNED FOR THE CONSTRUCTION INDUSTRY, WORK IN HUMID ENVIRONMENTS OR ON HOT GROUND, STEELMAKING OR ENGINEERING SHOPS, THIS RANGE IS EXCEPTIONALLY COMFORTABLE AND CAPABLE OF WITHSTANDING THE HARSHTEST CONDITIONS, DUE TO THE MACSOLE 1.0 SOLE TECHNOLOGY.

THE COMBINATION OF PU (SHOCK ABSORPTION, LIGHT WEIGHT) AND RUBBER (DURABLE, VERSATILE, SLIP RESISTANCE) PROVIDES EXCELLENT WEATHER RESISTANCE AS WELL AS MEETING USERS' EXPECTATIONS ON STURDINESS AND WEIGHT.





MODULAR SOLE SYSTEM

Excellent stability | shock absorption | contains **no products harmful** to the skin | washable | removable inner sole | optimum comfort | reduces the impact on the foot joints and the spine



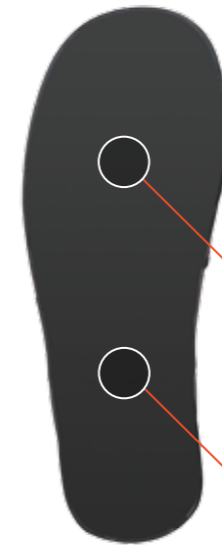
NON-METAL PROTECTIVE TOECAP

Provides protection against falling objects up to **200 joules** and compression of up to **15000 Newton** in accordance with the EN 20345 standard | 100% **antimagnetic** | comfortable due to its ergonomic shape | extra wide | **20% lighter** than a conventional steel toecap | **conducts less** heat and cold than a metal toecap



MACSOLE® RUBBER SOLE

oil, hydrocarbon & chemical resistant | heat resistant | **antistatic** | durability | **stability**



MACSOLE® 1.0 NTX SOLE

Smooth sole to avoid leaving tread marks on asphalt

Slightly grained walking sole | slip-resistant to SRA standard



STANDARD SOLE

- Rubber overcap
- Wide ground-bearing surface
- Slip-resistant to SRC standard
- Self-cleaning sole profile
- Sharp tread profile
- GRIPSTEP profile for ladders and stairs
- Defined heel with sharp edges
- MICROGRIP profile for good slip resistance even in winter

Width 11

MACSOLE 1.0 XCB HYGIENIC INSOLE

Removable | anatomically shaped | **antistatic** | washable at 30°C | **good skin tolerability** : Oeko-Tex® certified material Standard 100



Soft surface material | adapts to the shape of the foot

Stability | anatomically shaped | arch support system

High breathability | perforations improve ventilation

Very good shock absorption to reduce the impact on the foot joints and spine

Dynamic shock absorption | thin structure improves the dynamics on the underneath of the foot | reduces fatigue



MACSOLE 1.0 INL + INH S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | pigmented leather **upper**, reflectors, derby cut fits any foot, fewer seams | coagulated PU collar | mesh **lining**, high abrasion resistance, very good water vapour absorption, quick drying | metal-free **toe cap** | puncture resistant midsole, stainless steel | **hygienic and comfortable** MACSOLE® 1.0 XCB insole | **weight 710 g** (INL) and **770 g** (INH) in size 42

Very versatile model for construction and civil engineering, hot ground, humid environments.

SIZES 36 - 48
EN ISO 20345: 2011 S3 CI HI HRO SRC
ART. NO. 6264003 (INL)
ART. NO. 6264000 (INH)



MACSOLE 1.0 FXL + FXH S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | full-grain leather **upper**, reflectors, derby cut fits any foot, fewer seams | waterproof leather collar and gusset | plastic eyelets | mesh **lining**, high abrasion resistance, very good water vapour absorption, quick drying | metal-free **toe cap** | puncture resistant metal-free midsole | **hygienic and comfortable** MACSOLE® 1.0 XCB insole | **weight 680 g** (FXL) and **730 g** (FXH) in size 42

Very versatile non-magnetic model for construction and civil engineering, public services, hot ground, humid environments.

SIZES 36 - 48
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6264012 (FXL)
ART. NO. 6264002 (FXH)



100% metal free





MACSOLE 1.0 NTX SBP WRU HI HRO SRA

MACSOLE® 1.0 smooth rubber **sole** | pigmented leather **upper**, reflectors, derby cut fits any foot, fewer seams | leather gusset | mesh **lining**, high abrasion resistance, very good water vapour absorption, quick drying | metal-free **toe cap** | puncture resistant stainless steel midsole | **hygienic and comfortable** MACSOLE® 1.0 ETC insole | **weight 780 g** in size 42

For asphalting.

SIZES **38 - 48**
EN ISO 20345 : 2011 SBP WRU HI HRO SRA
ART. NO. 6264010



MACSOLE 1.0 BFX1 + BFX2 S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | brown oiled full-grain leather pull-up boot **upper**, fewer seams | **lining**: BFX 1: black high abrasion-resistant non-woven fabric / BFX 2: fleece | metal-free **toe cap** | **puncture resistant** metal-free midsole | **hygienic and comfortable** MACSOLE® 1.0 XCB (BFX1) / MACSOLE® 1.0 XCB (BFX2) insole | **weight 820 g** (BFX 1) and **830 g** (BFX 2) in size 42

Non-magnetic, boot for outdoor work, building and public works, humid environments.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6264004 (BFX 1)
ART. NO. 6264008 (BFX 2)





MACSOLE 1.0 DRK S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | natural full-grain leather **upper**, water and oil resistant | seams sewn with fire-resistant Kevlar | metal-free **toe cap** | **puncture resistant** metal-free midsole | **hygienic and comfortable** MACSOLE® 1.0 XCB insole | **weight 840 g** in size 42

Construction, foundries, mining, chemical industry, oil & gas.

SIZES **36 - 48**
EN 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6264009



MACSOLE 1.0 WTR S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | pigmented leather **upper**, reflectors, derby cut fits any foot, fewer seams, padded collar and tongue, textile collar | non-metallic waterproof zipper | fleece **lining** | metal-free **toe cap** | **puncture resistant** metal-free midsole | **hygienic and comfortable** MACSOLE® 1.0 ETC insole | **weight 820 g** in size 42

Non-magnetic, fleece-lined Ranger boot with side zipper. Outdoor work, humid environments, cold conditions.

SIZES **36 - 48**
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6264017





MACSOLE 1.0 WLD 3 S3 CI HI-1 HRO WG SRC

MACSOLE® 1.0 rubber **sole** | pigmented leather **upper**, seams sewn with fire-resistant Kevlar®, pigmented leather anti-projection flap | fastening with three quick-release buckles for fast removal of the boots in an emergency | waterproof gusset and full-grain leather collar | black, high abrasion-resistant non-woven fabric **lining** | metal-free **toe cap** | puncture resistant stainless steel midsole | **hygienic and comfortable** MACSOLE® 1.0 XCB insole | **weight 900 g** in size 42

For welding, steelworks and workplaces where there is a risk of molten metal splash.

SIZES **38 - 48**
EN ISO 20349 : 2010 S3 CI HI-1 HRO WG SRC
ART. NO. 6264016



MACSOLE 1.0 WLD LOW S3 CI HI-1 HRO WG SRC

MACSOLE® 1.0 rubber **sole** | pigmented leather **upper**, seams sewn with fire-resistant Kevlar®, pigmented leather anti-projection flap with a double Velcro fastening | fewer seams | waterproof grain leather gusset | black high abrasion resistant, non-woven fabric **lining** | metal-free **toe cap** | **puncture resistant** stainless steel insole | **hygienic and comfortable** MACSOLE® 1.0 XCB insole | **weight 810 g** in size 42

For welding, steelworks and workplaces where there is a risk of molten metal splash.

SIZES **38 - 48**
EN ISO 20349 : 2010 S3 CI HI-1 HRO WG SRC
ART. NO. 6264007





MACSOLE 1.0 FST S3 CI HI HRO SRC

MACSOLE® 1.0 rubber **sole** | pigmented leather **upper**, seams sewn with fire-resistant Kevlar®, reflectors, derby cut fits any foot, fewer seams | waterproof grain leather collar and gusset | mesh **lining** | metal-free **toe cap** | **puncture resistant** stainless steel midsole | **hygienic and comfortable** insole MACSOLE® 1.0 XCB | **weight 930 g** in size 42

Ranger style model for steelworks, mechanical workshops, hot surfaces, humid environments.

SIZES 38 - 48
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6264015



MACSOLE® 1.0 XCB (standard conditions)+ETC (thermal insulation)

XCB : PU **removable sole**, anatomically shaped, antistatic, microfibre upper, perforated | packaging: sold by size and individually wrapped | **weight 65 g** in size 42

ETC : **aluminised removable sole**, anatomically shaped, antistatic | memory foam | activated carbon anti-odour treatment | **weight 50 g** in size 42

The technology developed for the MACSOLE® 1.0 range offers something unique on the safety footwear market : change your insole and rediscover the comfort of your shoes once more!

SIZES 36 - 48
ART. NO. (XCB) 6015160 - 6015172
ART. NO. (ETC) 6015184 - 6015194

FLAG

THE FLAG RANGE OFFERS ELEGANCE, FLEXIBILITY AND SAFETY. SUITABLE FOR USE IN A RANGE OF APPLICATIONS FROM LIGHT INDUSTRY TO FORESTRY, ITS DUAL DENSITY PU SOLE, COMBINED WITH THE NON-MAGNETIC POLYCAP TOE CAP AND PERFOSAFE PUNCTURE RESISTANT SOLE, GUARANTEES COMFORT, STABILITY AND COMPLETE PROTECTION. A CLASSIC FROM HECKEL.





S3



METAL FREE



FLAG DUNE S3 CI SRA

PU2D sole | liquid-resistant nubuck upper | padded waterproof leather gusset | TPU overcap | mesh lining, efficient moisture wicking, quick drying | metal-free toe cap | **puncture resistant** steel midsole | anatomically shaped EVA **hygienic insole** covered with mesh | **weight 760 g** in size 42

Versatile model for construction, outdoor work, humid environments.

SIZES **38 - 48**
EN ISO 20345 : 2011 S3 CI SRA
ART. NO. 6263656



FLAG COBALT + TITANE S3 CI SRA

PU2D sole | liquid-resistant grain leather upper | padded waterproof leather gusset | black mesh lining, efficient moisture wicking, quick drying | metal-free toe cap | **puncture resistant** metal-free midsole | anatomically shaped EVA **hygienic insole** covered with mesh | **weight 650 g** (COBALT) and **690 g** (TITANE) in size 42

100% metal-free multi-purpose model for industry, construction, outdoor work, humid environments.

SIZES **38 - 48**
EN ISO 20345 : 2011 S3 CI SRA
ART. NO. 6263649 (COBALT)
ART. NO. 6263648 (TITANE)



100% metal free



FOCUS

THE FOCUS RANGE IS VERSATILE, STURDY AND ECONOMICAL. IT WAS DEVELOPED TO MEET THE DEMANDS OF PROFESSIONS RANGING FROM LIGHT INDUSTRY TO CONSTRUCTION. THE DUAL DENSITY PU SOLE INTEGRATES THE LATEST TECHNOLOGY TO OFFER WEARERS OPTIMUM PERFORMANCE.



FOCUS SANDAL + PERFO S1 SRA

PU2D sole | SANDAL: ultra-breathable suede and grain leather upper, large perforations for perfect ventilation, Velcro fastening | PERFO ultra-breathable suede upper, perforations for perfect ventilation | padded heel collar and gusset | optimum support for the foot | orange mesh lining, efficient moisture wicking, quick drying | metal-free toe cap | anatomically shaped EVA hygienic insole with mesh top and shock absorber in the heel | weight 590 g (SANDAL) and 540 g (PERFO) in size 42

100% metal-free model for hot and dry environments.



100% metal free

SIZES 36 - 47
EN ISO 20345 : 2011 S1 SRA
ART. NO. 6253702 (SANDAL)
ART. NO. 6253703 (PERFO)

FOCUS LOW + HIGH S3 SRA

PU2D sole | liquid-resistant grain leather upper | oiled nubuck overcap | padded heel collar and gusset | orange mesh lining, efficient moisture wicking, quick drying | steel toe cap | puncture resistant stainless steel midsole | anatomically shaped EVA hygienic insole with mesh top and shock absorber in the heel | weight 650 g (high) and 610 g (low) in size 42

Construction, industry, outdoor works, humid environments.



SIZES 36 - 48
EN ISO 20345 : 2011 S3 SRA
ART. NO. 6263701 (LOW)
ART. NO. 6263700 (HIGH)



FOCUS 500 + 300 S3 SRA

PU2D sole | liquid-resistant oiled grain leather and textile upper | waterproof padded collar and gusset | black mesh lining, efficient moisture wicking, quick drying | steel toe cap | puncture resistant stainless steel mid-sole | anatomically shaped EVA hygienic insole with mesh top | weight 750 g (300) and 710 g (500) in size 42

Construction, industry, outdoor work, humid environments.



SIZES **39-47**
EN ISO 20345 : 2011 S3 SRA
ART. NO. 6263645 (500)
ART. NO. 6263643 (300)



GUARDIAN 1 + 2 (WINTER) S3 SRA (1) | S3 CI SRA (2)

PU2D sole | liquid-resistant oiled grain leather upper | black mesh, efficient moisture wicking, quick drying (Guardian 1) / fleece lining for thermal insulation (Guardian 2) | steel toe cap | puncture resistant stainless steel midsole | anatomically shaped EVA hygienic insole with mesh top | weight 815 g in size 42 (Guardian 1) and 855 g (Guardian 2)

Construction, industry, outdoor work, humid environments, winter conditions (Guardian 2).



SIZES **39-47**
EN 20345 : 2011 S3 SRA (1) | S3 CI SRA (2)
ART. NO. 6263616 (1)
ART. NO. 6263615 (2)



MACSOLE® PLUS

THE MACSOLE® RUBBER TECHNOLOGY IS VERSATILE AND EXTREMELY DURABLE BOTH OF WHICH CHARACTERISE THE TECHNICAL PERFORMANCE OF THE MACSOLE® RANGE: ALL-TERRAIN SOLE PROFILE, OUTSTANDING GRIP AND RESISTANCE TO HEAT, COLD AND ABRASION. TECHNICAL PERFORMANCE, COMFORT FEATURES AND PRICE MAKE THE MACSOLE® PLUS RANGE HIGHLY COMPETITIVE.





MACALLEGRON S1 | S1P HRO SRC + MACSTOPAC BLACK BR S1P HRO SRC

MACSOLE® PLUS rubber **sole**, **hydrolysis-resistant** | rubber overcap on the MACSTOPAC BLACK BR | grained leather **upper**, padded heel collar, 4 side seams | metal-free **toe cap** | **puncture resistant** stainless steel midsole (S1 P models) | full, non-woven, perforated **hygienic insole** | **weight 660 g** (MACALLEGRON) and **680 g** (MACSTOPAC BLACK BR) in size 42

Suitable for a multitude of environments, economical.



SIZES **36-47** (MACALLEGRON)
ART. NO. 6253012 (S1) | 6263012 (S1P)
SIZES **38-47** (MACSTOPAC BR)
ART. NO. 6263019
EN ISO 20345 : 2011 S1P HRO SRC



MACSTOPAC VS S1 | S1P HRO SRC

MACSOLE® PLUS rubber **sole**, **hydrolysis-resistant** | grained leather **upper**, padded heel collar, 4 side seams, leather gusset, reflectors | derby cut fits any foot | 3D mesh **lining**, high abrasion resistance, very good water vapour absorption, quick drying | metal-free **toe cap** | **puncture resistant** stainless steel midsole (for S1 P model) | removable EVA, textile **hygienic insole** with textile top layer, abrasion resistant, efficient moisture wicking | **weight 705 g** in size 42

suitable for multiple environments, economical.



SIZES **36-47**
EN ISO 20345 : 2011 S1P HRO SRC
ART. NO. 6253513 (S1) | 6263513 (S1P)





HRO



HRO



MACSTOPAC BROWN S1P HRO SRC

MACSOLE® PLUS rubber **sole**, **hydrolysis-resistant** | grained leather **upper**, padded heel collar, 4 side seams | grained leather gusset | metal-free **toe cap** | **puncture resistant** stainless steel midsole (S1 P models) | full, non-woven, perforated **hygienic insole** | **weight 700 g** in size 42

Suitable for a multitude of environments, economical.

SIZES **38 - 47**
EN ISO 20345 : 2011 S1P HRO SRC
ART. NO. 6263033 (S1P)



MACFONDEUR BR + MACRANGER FONDEUR BR S1P HRO SRC

MACSOLE® PLUS rubber **sole**, **hydrolysis-resistant** | rubber overcap | grained leather **upper**, stitched with self-extinguishing NOMEX® | anti-projection flap with quick-release buckles, padded heel collar | grained leather gusset | rubber scuff cap | metal-free **toe cap** | **puncture resistant** stainless steel midsole | full, non-woven, perforated **hygienic insole** | **weight 810 g** (MACFONDEUR BR) and **830 g** (MACRANGER FONDEUR BR) in size 42

Welding, metallurgy.

SIZES **38 - 47**
EN ISO 20345 : 2011 S1P HRO SRC
ART. NO. 6263013 (MACFONDEUR BR)
ART. NO. 6263014 (MACRANGER FONDEUR BR)





ASPHALT MASTER SB HI + ASPHALT MASTER INOX SBP HI

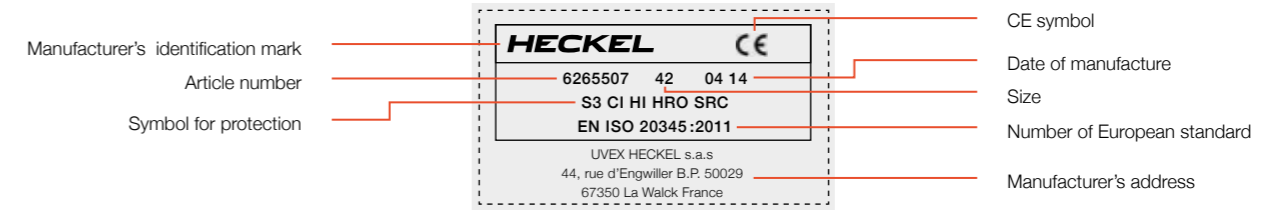
NITEX nitrile rubber foam uses the air for insulation | smooth to avoid leaving footprints | pigmented grain leather **upper** | padded heel collar | 4 side seams | leather gusset | steel **toe cap** | **puncture resistant** stainless steel midsole (for SB P models) | aluminised **hygienic insole** for perfect thermal insulation | **weight 670 g** in size 42

Asphalt, work on bituminous mixtures.



SIZES 38 - 47
EN 20345 : 2011 SB HI + SBP HI
ART. NO. 6252109
ART. NO. 6262109 (INOX)

STANDARDS



FOOTWEAR SYMBOLS FOR INDUSTRIAL USAGE

Basic requirements/additional requirements/categories e.g. for leather shoes	Safety footwear EN ISO 20345	Protective footwear EN ISO 20346	Work footwear EN ISO 20347	The use to which the different shoes are put depends on the type of hazard. Additional requirements may be needed for all footwear (e.g. requirements on insulation against heat or cold, penetration resistant safety). This footwear will have to show the relevant identification. The inspection criteria for all basic and additional requirements are laid down in the EN ISO 20344 standard
Basic requirements for shoes and impact resistance of toe caps	SB - 200 joule	PB - 100 joule	OB - No requirement	
Additional requirements: Closed heel Anti-static Energy absorption around heel Fuel resistant	S1	P1	O1 (without fuel resistance)	
Additional requirements: as above, plus Water penetration Water absorption	S2	P2	O2	
Additional requirements: as above, plus Penetration resistance* Cleated outsole	S3	P3	O3	
Basic requirements/additional requirements/categories e.g. for shoes made from PVC or PU				
Basic requirements for shoes and impact resistance of toe caps	SB - 200 joule	PB - 100 joule	OB - No requirement	
Additional requirements: Anti-static Energy absorption around heel Fuel resistant	S4	P4	O4	
Penetration resistance* Cleated outsole	S5	P5	O5	

* Penetration resistance (marked P or S3 on the label) – Warning: Please note that the penetration resistance of this footwear has been measured in the laboratory using a truncated nail of diameter 4.5 mm and a force of 1100 N. Higher forces or nails of smaller diameter will increase the risk of penetration occurring. In such circumstances alternative preventative measures should be considered.

One of the three following requirements must be met and labelled in the shoe for all newly certified models from December 2007

Label	Characteristics tested	Test conditions	Friction coefficient
SRA	Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)	Forward slip of the heel Forward slip on a flat surface	≥ 0,28 ≥ 0,32
SRB	Slip resistance on steel floors with glycerol	Forward slip of the heel Forward slip on a flat surface	≥ 0,13 ≥ 0,18
SRC	Slip resistance on ceramic tile floors with sodium lauryl sulfate solution and on steel floors with glycerol	SRA and SRB	

Additional requirements for special applications with corresponding symbols

May satisfy the standard though not required in this case
Meets the specified requirement

Symbole	Risque couvert	EN ISO 20345 : 2011 or EN 345					EN ISO 20346 or EN 347			
		SB	S1	S2	S3	S5	OB	O1	O2	O3
-	Basic									
P	Penetration resistant sole (stainless steel)									
A	Anti-static footwear									
E	Energy absorption around heel									
HI	Heat insulation									
CI	Cold insulation									
WRU	Water resistance of upper									
HRO	Heat resistance of outsole (+300 °C/min)									
WR	Whole shoe waterproof									
M	Metatarsal protection									
CR	Cut resistant									
FO	Sole resistant to hydrocarbons									

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MACSOLE 1.0 INL | 6264003 + INH | 6264000 P 062
 MACSOLE 1.0 FXL | 6264012 + FXH | 6264002 P 063

MACSOLE 1.0 NTX | 6264010 P 064
 MACSOLE 1.0 BFX1 | 6264004 + BFX2 6264008 P 065

MACSOLE 1.0 DRK | 6264009 P 066
 MACSOLE 1.0 WTR | 6264017 P 067

MACSOLE 1.0 WLD 3 | 6264016 P 068
 MACSOLE 1.0 WLD LOW | 6264007 P 069

MACSOLE 1.0 FST | 6264015 P 070
 MACSOLE 1.0 XCB | 6015160 - 6015172 (XCB) + ETC | 6015184 - 6015194 P 071



FLAG P 072 - 075

FLAG DUNE | 6263656 P 074
 FLAG COBALT | 6263649 P 075
 FLAG TITANE | 6263648 P 075



FOCUS P 076 - 081

FOCUS SANDAL | 6253702 + PERFO 6253703 P 078

FOCUS LOW | 6263701 | +HIGH 6263700 P 079

FOCUS 500 | 6263645 + 300 | 6263643 P 080

GUARDIAN 1 | 6263616 + 2 (WINTER) | 626 3615 P 081



MACSOLE® PLUS P 082 - 087

MACALLEGON | 6253012 (S1) | 6263012 (S1P) P 084

MACSTOPAC BLACK BR | 6263019 P 084

MACSTOPAC VS | 6253513 (S1) | 6263513 (S1P) P 085

MACSTOPAC BROWN | 6263033 (S1P) P 086

MACRORIG BROWN | 6263020 P 086

MACRORIG NOMEX BR | 6263018 P 087

MACFONDEUR BR | 6263013 P 087

MACRANGER FONDEUR BR | 6263014 P 087

ASPHALT MASTER | 6252109 P 088

ASPHALT MASTER INOX | 6262109 P 088



STANDARDS P 089



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