
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 GUARANTEERING 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.
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 adhesion, 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 HRPO 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.

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.

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.

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 | 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. 300°C

**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 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.
RUN-R TECHNOLOGIES

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

PUZD 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

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 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

CLIMA MANAGEMENT/
UPPER TECHNOLOGIES
3D Mesh: excellent breathability
SPEED LACE
SYSTEM
Quick easy adjustment. No laces to work loose or become tangled.

RUN-R TECHNOLOGIES
RUN-R 210 S1P SRC
PUZZ 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 – 46
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261005

RUN-R 200 S1P SRC
PUZZ 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 – 46
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261005
RUN-R 100 LOW + HIGH  S1P SRC
PLUDD 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 – 46
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261001 (LOW)
ART. NO. 6261002 (HIGH)

RUN-R 110 LOW + HIGH  S1P SRC
PLUDD 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 – 46
EN ISO 20345 : 2011 S1P SRC
ART. NO. 6261003 (LOW)
ART. NO. 6261002 (HIGH)
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)

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)
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.
MACSOLE® SPORT 2.0 TECHNOLOGIES

SOLE EXTENDS UP THE HEEL
to facilitate driving

EVA FOAM
excellent shock absorption and tightness

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

SELF-CLEANING SOLE PROFILE increases slip resistance

WIDE GROUND-BEARING SURFACE

EXCELLENT ABRASION AND CUT RESISTANCE

SHARP TREAD PROFILE

CELL TECH HYGIENIC INSOLE
Removable | anatomically shaped

Textile top layer and large perforations for easy wicking of moisture

EVA provides good shock absorption

MACSOLE® EVA / RUBBER SOLE
SRA | oil, hydrocarbon & chemical resistant | heat resistant outsole up to 300°C | HRCS | antistatic

Excellent abrasion and cut resistance

Wide ground-bearing surface

Self-cleaning sole profile increases slip resistance

Sharp tread profile

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

NON-METALLIC PROTECTIVE TOECAP
Provides protection against falling objects up to 200 joules and compression of up to 16000 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® SPORT 2.0

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 | puncture 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 36–46
EN ISO 20345: 2011 S3 HRO SRA
ART. NO. 6267006

RUNNER REFLECTIVE S3

MACSOLE® SPORT 2.0

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 36–46
EN ISO 20345: 2011 S3 HRO SRA
ART. NO. 6267006
MACSOLE® SPORT 2.0

**MACAIR 2.0**
- S1P HRO SRA
- EVA / Rubber MACSOLE® Sport 2.0 sole
- Breathable suede upper
- Large perforations
- Solid PVC scuff cap, reflectors
- Mesh lining
- Metal-free toe cap
- Penetration resistant metal-free midsole
- CELL TECH hygienic insole
- Weight 610 g in size 42

**Sizes:** 36–48
- EN ISO 20345: 2011 S1P HRO SRA
- Art. No. 6267003

**SIZES**: 36–48
- EN ISO 20345: 2011 S1P HRO SRA
- Art. No. 6267003

---

MACMOVE 2.0
- S1P HRO SRA + MACSPEED 2.0
- 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

**Sizes:** 36–48
- EN ISO 20345: 2011 S1P HRO SRA
- Art. No. 6267004

---

**Run:** MACSOLE SPORT 2.0 | MACSOLE ADVENTURE 2.0 | MACSOLE EXTREM 2.0 | XXL PRO | SUXXED | MACSOLE 1.0 | FLAG | FOCUS | MACSOLE PLUS

---

**Macsole**

**Macmove**

**Macspeed**

---

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

---

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

---
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.
MACSOLE® ADVENTURE 2.0 TECHNOLOGIES

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
- Defined heel with sharp edges

CELL TECH HYGIENIC INSOLE
Removable | anatomically shaped

- Textile top layer and large perforations for easy wicking of moisture
- EVA provides good shock absorption

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

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

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® ADVENTURE 2.0

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 36–46
EN ISO 20345 : 2011 S3 CI HI WR HRO SRC
ART. NO. 6265501 (LOW 2.0)
ART. NO. 6265500 (2.0)

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

SIZES 36–46
EN ISO 20345 : 2011 S1P CI HI HRO SRC
ART. NO. 6265505 (LOW 2.0)
ART. NO. 6265504 (2.0)
MACCROSSROAD LOW 2.0

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. 6265502

MACCROSSROAD BROWN 2.0

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
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.
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.

**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

**MACSOLE® EXTREM 2.0 TECHNOLOGIES**

**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)

**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

**NON-METAL PROTECTIVE TOECAP**

**ASYMMETRIC SCUFF CAP**
- A year-long survey on safety footwear conducted by Heckel clearly showed (in more than 90% 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.

**SHOCK ABSORBER**
- Optimum absorption of impacts thanks to a shock absorbing insert covering the entire heel surface

**3D-DISTANCE-MESH LINING**
- Self-cleaning sole profile increases slip resistance
- Sharp tread profile
- Defined heel with sharp edges

**Width 11**

**MACSOLE® EXTREM 2.0**
- XXL PRO
- SUXXEED
- MACSOLE 1.0
- FLAG
- FOCUS
- MACSOLE PLUS
MACSILVER INTEGRAL 2.0

MACSILVER INTEGRAL 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 880 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. 6265008

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

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

MACSILVER 2.0 S3 CI HI HRO SRC

MACSILVER 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

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 100% 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 840 g in size 42

SIZES 36 – 48
EN ISO 20345 : 2011 S3 CI HI HRO SRC
ART. NO. 6265000
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 | anti-metal 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.

EN ISO 20349

SIZES 36 - 48
EN ISO 20349: 2010 S3 CI HI-3 AL HRO SRC
ART. NO. 3285005

800°C

MACSOLE® EXTREM 2.0 | MACSOLE® ADVENTURE 2.0 | MACSOLE® EXTREM 2.0 | XXL PRO | SUXXEED | MACSOLE® 1.0 | FLAG | FOCUS | MACSOLE PLUS
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

MACFLEET 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. 6265004
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.
XXL PRO TECHNOLOGIES

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

OUTSTANDING UPPER/SOLE ADHESION
Outstanding abrasion resistance due to a laser cutting process unique in Europe in the safety footwear field

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 foot

OUTSTANDING UPPER/SOLE ADHESION
Outstanding abrasion resistance due to a laser cutting process unique in Europe in the safety footwear field

WRAPAROUND PU2D SOLE
Tough | protects against liquids and mud | stabilises and supports the ankle | exceptional shock absorption properties (over 40J)

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

INJECTION MOULDED PU OVERCAP
Helps prolong product life | suitable for those working in a crouching or kneeling position

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

SOFT COMFORT
Collar made of flexible synthetic material | thick comfortable foam | 3D-Mesh lining
**TETRA PRO**  S3 CI SRC

- PUDD 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

Sizes: 38 – 48
EN ISO 20345 : 2011 S3 CI SRC
ART. NO. 6263001

Building and construction, quarries.

---

**ALPHA PRO**  S3 CI SRC

- PUDD 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

Sizes: 38 – 48
EN ISO 20345 : 2011 S3 CI SRC
ART. NO. 6263001

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

PU2D SOLE
SRC | oil, hydrocarbon & chemical resistant | antistatic | excellent shock absorption | very light

Wide ground-bearing surface

PU2D SOLE
SRC | oil, hydrocarbon & chemical resistant | antistatic | excellent shock absorption | very light

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

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

NON-METAL PROTECTIVE TOECAP

SOFT COMFORT
Flexible collar | thick comfortable foam | Climate Airmesh lining

PU2D SOLE
Excellent shock absorption and very low weight
SUXXEED® S3 LOW
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 hygienic insole with abrasion-resistant textile top layer | weight 570 g (S3 low) and 615 g (S3) in size 42
Metal-free model, very lightweight and flexible. Suitable for tradesmen, heavy industry, warehousing and logistics, services, humid environments.

SUXXEED® S1P LOW
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 tradesmen, warehousing and logistics, services, industry, hot environments, dry environments.

SIZES
38 – 47
EN ISO 20345 : 2011 S3 SRC
ART. NO. 6263801 (S3 LOW)
ART. NO. 6263800 (S3)
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 harshest 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.
MACSOLE® 1.0 TECHNOLOGIES

**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

**MACSOLE 1.0 XCB HYGIENIC INSOLE**
- Removable
- Anatomically shaped
- Antistatic
- Washable

**STANDARD SOLE**
- Rubber overlap
- 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

**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

**NON-METAL PROTECTIVE TOECAP**
- 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 - 46

**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 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 - 46

**EN ISO 20345:2011 S3 CI HI HRO SRC**

**ART. NO.** 6264012 (FXL) | ART. NO. 6264002 (FXH)
MACSOLE® 1.0 rubber sole | brown oiled full-grain leather pull-up boot upper, 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.

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

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. 6264010

Sizes 36–46
EN ISO 20345: 2011 S3 CI HI HRO SRC
ART. NO. 6264004 (BFX 1)
ART. NO. 6264008 (BFX 2)
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

Sizes 36–46
EN ISO 20345:2011 S3 CI HI HRO SRC
Art. No. 6264017

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

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

SIZES 36–46
EN ISO 20345:2011 S3 CI HI HRO SRC
Art. No. 6264009

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

Sizes 36–48
EN 20345:2011 S3 CI HI HRO SRC
Art. No. 6264200

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

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

Sizes 36–48
EN 20345:2011 S3 CI HI HRO SRC
Art. No. 6264200

Construction, foundries, mining, chemical industry, oil & gas.
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
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
Art. No. 6264007

EN 20349
MACSOLE® 1.0 XCB (standard conditions) + ETC (thermal insulation)

XCB: PU removable sole, anatomically shaped, antistatic, microfibre upper, perforated | packaging: solid 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

MACSOLE® 1.0 FST S3 CI HI HRO SRC

MACSOLE® 1.0 rubber sole | pigmented leather upper, seams sewn with fire-resistant Kevlar®, reflections, derbys 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 inside 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

This 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!
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.
**FLAG DUNE**  S3 CI SRA

PU2D sole | liquid-resistant nubuck upper | padded waterproof leather gusset | TRU 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 – 46
**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 – 46
**EN ISO 20345 : 2011 S3 CI SRA**
**ART. NO. 6263649 (COBALT)**
**ART. NO. 6263648 (TITANE)**
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**

PUZO 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)

SIZES 36–47
EN ISO 20346 : 2011 S1 SRA
ART. NO. 6253702 (SANDAL)
ART. NO. 6253703 (PERFO)

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

**FOCUS LOW + HIGH S3 SRA**

PUZO 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 36–46
EN ISO 20346 : 2011 S3 SRA
ART. NO. 6263701 (LOW)
ART. NO. 6263700 (HIGH)
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 ISO 20345 : 2011 S3 SRA
ART. NO. 6263616 (1)
ART. NO. 6263615 (2)

FOCUS S3

- 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)
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.
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 multiple environments, economical.

SIZES 36–47 (MACALLEGRON)
ART. NO. 6253012 (S1) | 6263012 (S1P)
SIZES 36–47 (MACSTOPAC BLACK BR)
ART. NO. 6253019
EN ISO 20345 : 2011 S1P HRO SRC

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

MACSTOPLAC VS S1 | S1P HRO SRC
MACSOLE® PLUS rubber sole, hydrolysis-resistant | grained leather upper, padded heel collar, 4 side seams, leather gusset, reflectors | dirty 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. 6253013 (S1) | 6263013 (S1P)
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)

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 self-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

SIZES 36–47
EN ISO 20345 : 2011 S1P HRO SRC
ART. NO. 6263013 (MACFONDEUR BR)
ART. NO. 6263014 (MACRANGER FONDEUR BR)
One of the three following requirements must be met and labelled in the shoe for all newly certified models from December 2007.

### 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.

### Symbole Risque couvert
- EN ISO 20345 : 2011 or EN 345
- EN ISO 20346 or EN 347

<table>
<thead>
<tr>
<th>Label</th>
<th>Characteristics tested</th>
<th>Wet conditions</th>
<th>Friction coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRA</td>
<td>Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)</td>
<td>Forward slip of the heel</td>
<td>≥ 0.28</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Forward slip on a flat surface</td>
<td>≥ 0.32</td>
</tr>
<tr>
<td>SRA</td>
<td>Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS) and on steel floors with glycerol</td>
<td>Forward slip of the heel</td>
<td>≥ 0.13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Forward slip on a flat surface</td>
<td>≥ 0.18</td>
</tr>
</tbody>
</table>

### Additional requirements for special applications

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Use to which the different shoes are put</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Penetration resistant sole (stainless steel)</td>
</tr>
<tr>
<td>A</td>
<td>Anti-static footwear</td>
</tr>
<tr>
<td>E</td>
<td>Energy absorption around heel</td>
</tr>
<tr>
<td>HI</td>
<td>Heat insulation</td>
</tr>
<tr>
<td>CI</td>
<td>Cold insulation</td>
</tr>
<tr>
<td>WR</td>
<td>Water resistance of upper</td>
</tr>
<tr>
<td>HRO</td>
<td>Heat resistance of outsole (&gt;300 °C/mm)</td>
</tr>
<tr>
<td>WRD</td>
<td>Whole shoe waterproof</td>
</tr>
<tr>
<td>MI</td>
<td>Metalled protection</td>
</tr>
<tr>
<td>CR</td>
<td>Cut resistant</td>
</tr>
<tr>
<td>TD</td>
<td>Sole resistant to hydrocarbons</td>
</tr>
</tbody>
</table>

### Additional requirements for shoes made from PVC or PU

<table>
<thead>
<tr>
<th>Basic requirements</th>
<th>Additional requirements</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety footwear (ISO 20345)</td>
<td>Anti-static</td>
<td>P</td>
</tr>
<tr>
<td>Protective footwear (ISO 20346)</td>
<td>Energy absorption around heel</td>
<td>S1</td>
</tr>
<tr>
<td>Work footwear (ISO 20347)</td>
<td>Water resistance</td>
<td>O1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Basic requirements</th>
<th>Additional requirements</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety footwear (ISO 20345)</td>
<td>Anti-static</td>
<td>P</td>
</tr>
<tr>
<td>Protective footwear (ISO 20346)</td>
<td>Energy absorption around heel</td>
<td>S1</td>
</tr>
<tr>
<td>Work footwear (ISO 20347)</td>
<td>Water resistance</td>
<td>O1</td>
</tr>
</tbody>
</table>

### Models

**ASPHALT MASTER SB HI**
- Asphalt rubber foam uses the air for insulation for perfect thermal 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
- 670 g in size 42

**ASPHALT MASTER INOX SBP HI**
- Asphalt, work on bituminous mixtures

### 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
- Weight 670 g in size 42

---

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

<table>
<thead>
<tr>
<th>Label</th>
<th>Characteristics tested</th>
<th>Wet conditions</th>
<th>Friction coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRA</td>
<td>Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)</td>
<td>Forward slip of the heel</td>
<td>≥ 0.28</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Forward slip on a flat surface</td>
<td>≥ 0.32</td>
</tr>
<tr>
<td>SRA</td>
<td>Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS) and on steel floors with glycerol</td>
<td>Forward slip of the heel</td>
<td>≥ 0.13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Forward slip on a flat surface</td>
<td>≥ 0.18</td>
</tr>
</tbody>
</table>

### Additional requirements for special applications

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Use to which the different shoes are put</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Penetration resistant sole (stainless steel)</td>
</tr>
<tr>
<td>A</td>
<td>Anti-static footwear</td>
</tr>
<tr>
<td>E</td>
<td>Energy absorption around heel</td>
</tr>
<tr>
<td>HI</td>
<td>Heat insulation</td>
</tr>
<tr>
<td>CI</td>
<td>Cold insulation</td>
</tr>
<tr>
<td>WR</td>
<td>Water resistance of upper</td>
</tr>
<tr>
<td>HRO</td>
<td>Heat resistance of outsole (&gt;300 °C/mm)</td>
</tr>
<tr>
<td>WRD</td>
<td>Whole shoe waterproof</td>
</tr>
<tr>
<td>MI</td>
<td>Metalled protection</td>
</tr>
<tr>
<td>CR</td>
<td>Cut resistant</td>
</tr>
<tr>
<td>TD</td>
<td>Sole resistant to hydrocarbons</td>
</tr>
</tbody>
</table>

### Models

**ASPHALT MASTER SB HI**
- Asphalt rubber foam uses the air for insulation for perfect thermal insulation
- Weight 670 g in size 42

**ASPHALT MASTER INOX SBP HI**
- Asphalt rubber foam uses the air for insulation for perfect thermal insulation
- Weight 670 g in size 42

---

**Macsole® Plus**

**STANDARDS**

<table>
<thead>
<tr>
<th>Manufacturer’s identification mark</th>
<th>Article number</th>
<th>Symbol for protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE symbol</td>
<td>Date of manufacture</td>
<td>Size</td>
</tr>
<tr>
<td></td>
<td>Number of European standard</td>
<td>Manufacturer’s address</td>
</tr>
</tbody>
</table>

**FOOTWEAR SYMBOLS FOR INDUSTRIAL USAGE**

<table>
<thead>
<tr>
<th>Basic requirements/additional requirements</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety footwear (ISO 20345)</td>
<td>P</td>
</tr>
<tr>
<td>Protective footwear (ISO 20346)</td>
<td>S1</td>
</tr>
<tr>
<td>Work footwear (ISO 20347)</td>
<td>O1</td>
</tr>
</tbody>
</table>

**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
- Cleated outside
- Penetration resistance
- Water penetration
- Slip resistance on steel floors with glycerol
- Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)

**Basic requirements/additional requirements for shoes made from PVC or PU**
- SB - 200 joule
- PB - 100 joule
- OB - No requirement

**Additional requirements**
- Anti-static
- Energy absorption around heel
- Fuel resistant
- Cleated outside
- Penetration resistance
- Water penetration
- Slip resistance on steel floors with glycerol
- Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)

**Basic requirements/additional requirements for leather shoes**
- SB - 200 joule
- PB - 100 joule
- OB - No requirement

**Additional requirements**
- Closed heel
- Anti-static
- Energy absorption around heel
- Fuel resistant
- Cleated outside
- Penetration resistance
- Water penetration
- Slip resistance on steel floors with glycerol
- Slip resistance on ceramic tile floors with sodium lauryl sulfate solution (SLS)
### Contents

#### Technologies

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>006</td>
<td>Pictograms</td>
</tr>
<tr>
<td>008</td>
<td>MACSOLE® Extrem 2.0</td>
</tr>
<tr>
<td>010</td>
<td>Run-R</td>
</tr>
<tr>
<td>011</td>
<td>XXL Pro</td>
</tr>
<tr>
<td>019</td>
<td>MACSOLE® Sport 2.0</td>
</tr>
<tr>
<td>020</td>
<td>MACSOLE® Adventure 2.0</td>
</tr>
<tr>
<td>028</td>
<td>Suxseed®</td>
</tr>
<tr>
<td>035</td>
<td>Pictograms</td>
</tr>
</tbody>
</table>

#### MACSOLE® Extrem 2.0

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACsilver</td>
<td>040</td>
</tr>
<tr>
<td>MACSilver Integral</td>
<td>041</td>
</tr>
<tr>
<td>MACRanger</td>
<td>042</td>
</tr>
<tr>
<td>MACForest Zip</td>
<td>044</td>
</tr>
<tr>
<td>MACTrek GTX</td>
<td>045</td>
</tr>
</tbody>
</table>

#### Run-R

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACjump 2.0</td>
<td>024</td>
</tr>
<tr>
<td>MACpulse 2.0</td>
<td>025</td>
</tr>
<tr>
<td>MACMove 2.0</td>
<td>026</td>
</tr>
<tr>
<td>MACair 2.0</td>
<td>027</td>
</tr>
</tbody>
</table>

#### MACSOLE® Sport 2.0

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TETRA PRO</td>
<td>050</td>
</tr>
<tr>
<td>ALPHA PRO</td>
<td>051</td>
</tr>
</tbody>
</table>

#### MACSOLE® Adventure 2.0

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACexpedition Low 2.0</td>
<td>033</td>
</tr>
<tr>
<td>MACwild Low 2.0</td>
<td>034</td>
</tr>
<tr>
<td>MACcrossroad Brown 2.0</td>
<td>035</td>
</tr>
</tbody>
</table>

#### Suxseed®

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suxseed S1P Low</td>
<td>054</td>
</tr>
<tr>
<td>Suxseed S1 Low+5</td>
<td>056</td>
</tr>
</tbody>
</table>

#### Run-R

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACStopac BLACK BR</td>
<td>053</td>
</tr>
<tr>
<td>MACStopac VS</td>
<td>054</td>
</tr>
<tr>
<td>MACStopac Brown</td>
<td>055</td>
</tr>
<tr>
<td>MACranger Brown</td>
<td>056</td>
</tr>
</tbody>
</table>

#### Flag

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag Dune</td>
<td>073</td>
</tr>
<tr>
<td>Flag Cobalt</td>
<td>074</td>
</tr>
<tr>
<td>Flag Titan</td>
<td>075</td>
</tr>
</tbody>
</table>

#### MACSOLE® Plus

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macallegron 2 (S1)</td>
<td>076</td>
</tr>
<tr>
<td>MACStopac Black BR</td>
<td>077</td>
</tr>
<tr>
<td>MACStopac VS (S1)</td>
<td>078</td>
</tr>
</tbody>
</table>

#### Standards

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt Master</td>
<td>087</td>
</tr>
<tr>
<td>Asphalt Master Inox</td>
<td>088</td>
</tr>
</tbody>
</table>

---

**MACSOLE® 1.0**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACSOLE 1.0 INL</td>
<td>082</td>
</tr>
<tr>
<td>MACSOLE 1.0 FXL</td>
<td>083</td>
</tr>
<tr>
<td>MACSOLE 1.0 INH</td>
<td>084</td>
</tr>
<tr>
<td>MACSOLE 1.0 FXH</td>
<td>085</td>
</tr>
<tr>
<td>MACSOLE 1.0 FX</td>
<td>086</td>
</tr>
</tbody>
</table>

**MACSOLE® 1.0 FXL**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACSOLE 1.0 INL</td>
<td>087</td>
</tr>
<tr>
<td>MACSOLE 1.0 FXL</td>
<td>088</td>
</tr>
</tbody>
</table>

**MACSOLE® 1.0 NTX**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACSOLE 1.0 INL</td>
<td>089</td>
</tr>
<tr>
<td>MACSOLE 1.0 NTX</td>
<td>090</td>
</tr>
</tbody>
</table>

---

**Focus**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focus Sandal</td>
<td>091</td>
</tr>
<tr>
<td>Focus Low</td>
<td>092</td>
</tr>
</tbody>
</table>

---

**Run-R**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC</td>
<td>093</td>
</tr>
<tr>
<td>MACRanger</td>
<td>094</td>
</tr>
</tbody>
</table>

---

**XXL Pro**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MACJump 2.0</td>
<td>095</td>
</tr>
<tr>
<td>MACpulse 2.0</td>
<td>096</td>
</tr>
<tr>
<td>MACmove 2.0</td>
<td>097</td>
</tr>
</tbody>
</table>

---

**Suxseed®**

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suxseed S1P Low</td>
<td>098</td>
</tr>
<tr>
<td>Suxseed S1 Low+5</td>
<td>099</td>
</tr>
</tbody>
</table>