WORKS
LOTTO

SAFETY SHOES
COLLECTION 2023

EN


WORKS
LOTTO

WORK LIKE A **CHAMPION**

CONTENTS

LOTTO WORKS

The collection of high-quality, technical safety shoes is the result of fifty years of experience in designing sports and leisure footwear, and the application of the highest safety standards.

The continuous search for innovative materials and the introduction of state-of-the-art construction technologies guarantee maximum foot protection in compliance with regulations and offer reliability, comfort and lightness.

With Lotto Works, the brand also overcomes challenges in the construction site and in any work situation where there is a risk of injury, with the spirit of someone who faces their work as a champion and with the original Lotto style.

SPEED LINE

Style, breathability and maximum comfort.

From the studies of the Lotto Works laboratories comes SPEED, the exclusive line of footwear that revolutionises the concept of safety shoes: highly breathable but also water-repellent, lightweight and with a modern, sporty design.
AIR-ZONE®, Lotto's patented technology, maximises the ejection of sweat.
The construction of the upper and the AP Zero insole also guarantee high anti-puncture standards.

AIR-ZONE®

AIR-ZONE® is the exclusive technology developed by the Lotto Works Research & Development team to ensure maximum breathability. Special openings on the sides of the sole, combined with the internal ducting system, allow sweat to be expelled in the form of water vapour.

The foot stays perfectly dry, protected and comfortable in every situation!

The technology ensures favourable air circulation, blocking the infiltration of water and dirt.
The structure also offers high cushioning capacity.

Perspair® construction technology allows zones with differentiated technical characteristics to be combined within the same upper.
PUTek® yarn, which is characterised by extremely high abrasion resistance, is also integrated into the weaving.

The combination of these technologies results in a highly abrasion-resistant and water-repellent upper for an ultra-light and breathable product.

HEEL CONTROL
• maximum stability
• less fatigue

SEAMLESS PERSPAIR® AND PUTEK® UPPER
• abrasion resistance and toughness
• lightness and breathability

SOLE WITH AIR-ZONE®
• breathability
• shock absorption

TECHNOLOGIES

AIR-ZONE® · PERSPAIR® · PUTEK® · AIR MESH · ALCAP · HCTL · APZERO · STABILIZER · HCT · HSA · HRO · PUNTOFLEX

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: high-quality, soft and tear-resistant Nabuck leather upper; upper Perspair® fabric with high mechanical performance of lightness, breathability and strength with high tenacity and abrasion resistance PUTek® thread inserts. Non-deformable TPU 'Heel Control' heel, anatomically pre-moulded for foot support, stability and wear resistance.
Upper lining: breathable mesh fabric, microfibre heel cushion.
Toe tip: aluminium; 200 Joule impact protection; 1500 kg compression protection.
Removable insole: anatomical with polyester lining and multi-punched polyurethane foam structure to maximise breathability, cushioning and comfort.
Anti-puncture footbed: made of anti-puncture, absorbent and abrasion-resistant fabric.
Outsole: made of antistatic rubber and EVA, cemented to the upper.
Midsole: made of EVA, soft, comfortable and anti-shock.
Tread: antistatic, non-slip rubber (SRC), abrasion and hydrocarbon-resistant. HRO: heat-resistant by contact.

SIZE RANGE
38/47

TOE TIP
10

INSTEP
11 Comfort

WEIGHT
510/555 g

AREAS OF USE

INDUSTRY · LOGISTICS · TRADE · CONSTRUCTION · AGRICULTURE

SPEED 200

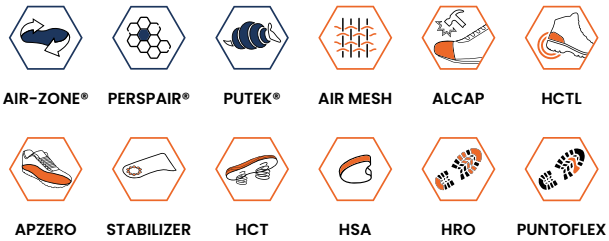
art. 211774 | S3 SRC HRO

size: 38/47

211774 5AE
ALL BLACK/ALL BLACK/ALL WHITE

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
High-quality, soft and tear-resistant Nabuck leather upper. Breathable Air Mesh fabric lining and microfibre heel cushion.
Anti-static footwear with anti-slip (SRC), anti-shock and contact heat resistant (HRO) sole.

SPEED 400

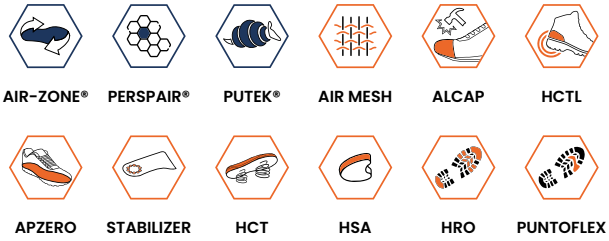
art. 211776 | S1P SRC HRO

size: 38/47

211776 5AE
ALL BLACK/ALL BLACK/ALL WHITE

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe. Lightweight fabric upper (Perspair® and PUTek® Technology) with high mechanical performance and abrasion resistance. Breathable Air Mesh fabric lining and microfibre heel cushion. Anti-static footwear with anti-slip (SRC), anti-shock and contact heat resistant (HRO) sole.

STREET LINE

Lightness, flexibility and sporty appeal.

The best example of Lotto's DNA, STREET stands out in the world of work footwear for its lightness and flexibility.
The Shock-Off system cushions steps and helps protect the foot by dispersing the energy of impact on the ground.

STREET

art. L49685 | S1P SRC HRO

size: 38/47

Ortholite®

L49685 5OJ
ASPHALT/ACACIA GREEN

L49685 1MY
ALL BLACK/SILVER
METAL 2

SAFETY FEATURES

TECHNOLOGIES

DESCRIPTION

Low anti-puncture fabric shoe.
Scratch-resistant split suede leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic shoe with anti-slip and anti-shock sole.

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: scratch-resistant split suede leather.
Upper lining: breathable mesh fabric.
Toe tip:
• in multilayer composite;
• impact protection 200 joules;
• compression protection 1500 kg.
Removable footbed: polyester lining and multi-perforated polyurethane foam structure to maximise breathability, cushioning and comfort.
Anti-puncture footbed: made of anti-puncture, absorbent, abrasion-resistant and flaking-resistant fabric.
Outsole: made of antistatic, soft EVA rubber, cemented to the upper.
Midsole: made of EVA, soft, comfortable and anti-shock.
Tread: anti-static, anti-slip (SRC), abrasion and hydrocarbon resistant rubber. HRO heat-resistant by contact.

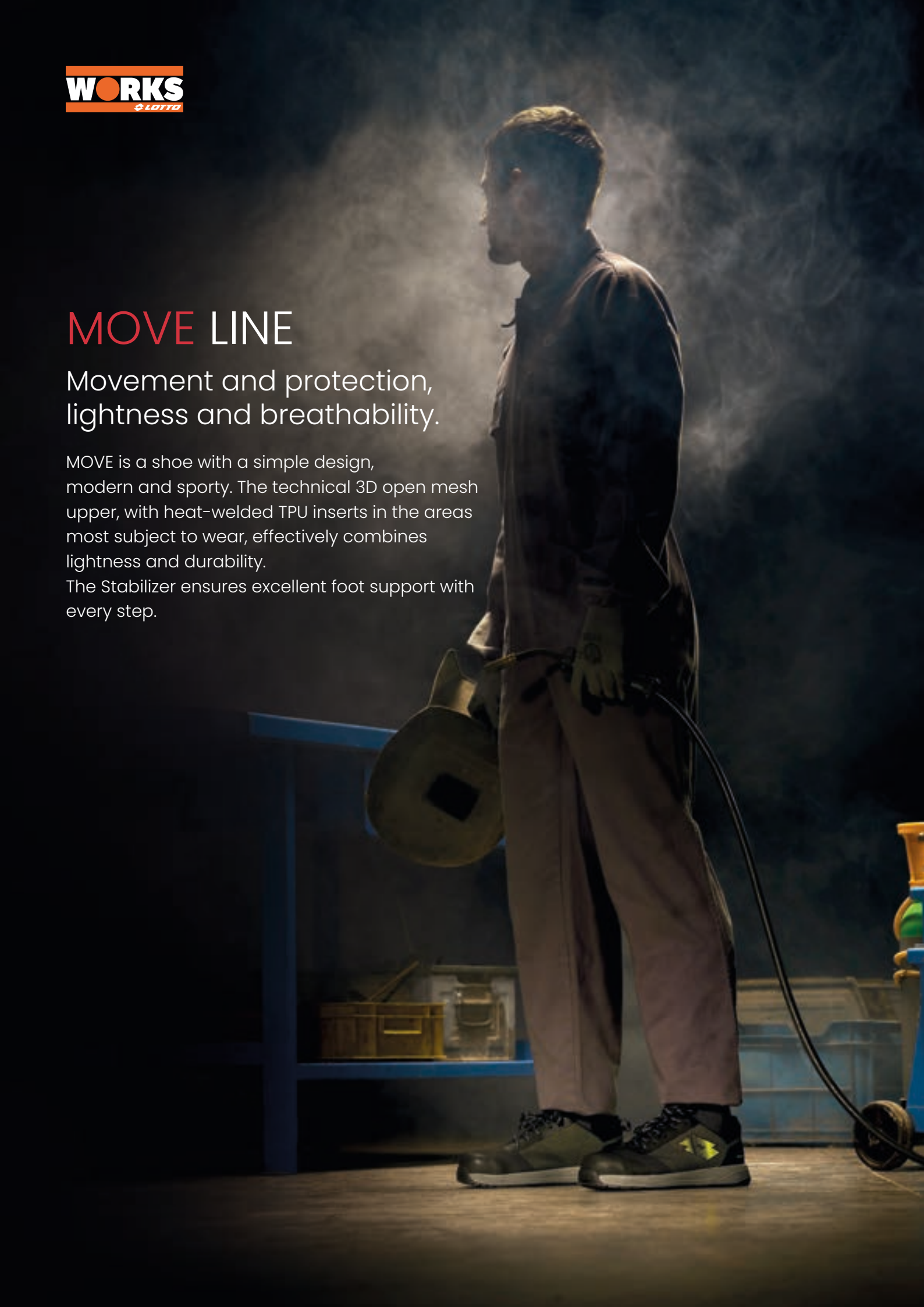
SIZE RANGE
38/47

TOE TIP
10

INSTEP
11

WEIGHT
560 g

AREAS OF USE



MOVE LINE

Movement and protection, lightness and breathability.

MOVE is a shoe with a simple design, modern and sporty. The technical 3D open mesh upper, with heat-welded TPU inserts in the areas most subject to wear, effectively combines lightness and durability.
The Stabilizer ensures excellent foot support with every step.

MOVE 400

art. 220484 | S1PL SR HRO

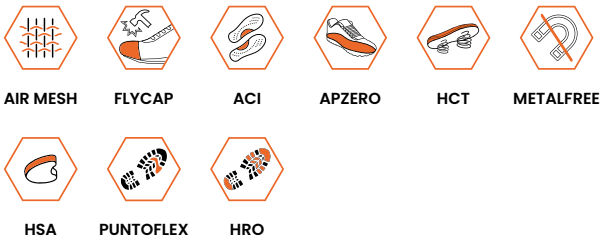
size: 35/47

220484 2AW
ALL BLACK/ACACIA GREEN

220484 AIA
ALL BLACK/SKYDIVER BLUE

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
Tear-resistant polyester fabric,
with heat-sealed TPU protectors.
Breathable Air Mesh fabric lining. Metal free antistatic shoe with anti-slip and anti-shock sole.

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: tear-resistant polyester fabric, with heat-sealed TPU protectors.
Upper lining: breathable mesh fabric, microfibre heel cushion.
Toe tip:
• multi-layer composite with ample internal space for improved foot comfort;
• impact protection 200 joules;
• compression protection 1500 kg.
Removable footbed: anatomical with polyester lining and multi-perforated polyurethane foam structure to maximise breathability, cushioning and comfort.
Anti-puncture footbed: made of anti-puncture, absorbent, abrasion-resistant and flaking-resistant fabric.
Outsole: made of antistatic, soft EVA rubber, cemented to the upper.
With Stabilizer for foot stability.
Midsole: made of EVA, soft, comfortable and anti-shock.
Tread: antistatic, non-slip (SR), abrasion and hydrocarbon resistant rubber. HRO heat-resistant by contact.

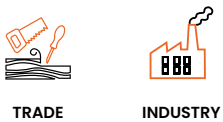
SIZE RANGE
35/47

TOE TIP
11

INSTEP
11 Comfort

WEIGHT
530 g

AREAS OF USE



HIT LINE

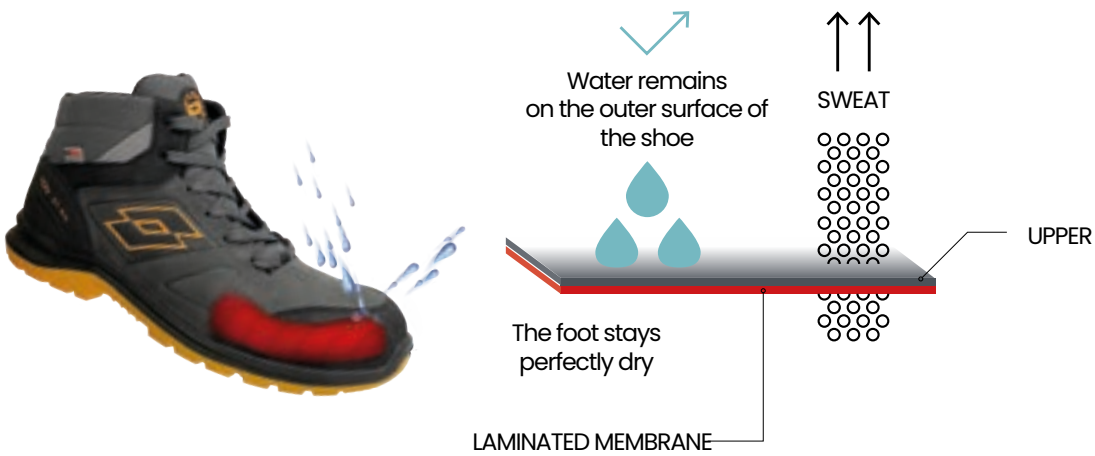
Solidity, safety and superior fit.

The HIT line combines a fluid fit with an unbeatable feeling of control and stability. Equipped with an aluminium toe tip and a wear-resistant microfibre toe cap, it ensures high strength with the comfort of a 5 mm widened sole. Available with an upper in warp-knitted Ripstop fabric or soft Nubuck leather.

The waterproof and breathable **HDry®** membrane is laminated directly to the inside of the upper, sealing the outer material and all seams in one step, thus eliminating any space where water could pool between the upper and membrane.
Thanks to the high level of water vapour permeability, breathability is also maximised.

THE ADVANTAGES OF HDry®:

- **Waterproofness:** HDry® eliminates any space between the upper and membrane (typical of footwear with waterproof lining) where water could stagnate.
- **Breathability:** the absence of a layer of moisture between the upper and lining promotes breathability, ensuring superior comfort.
- **Thermal insulation:** water does not stagnate and the foot remains protected from cold and moisture.
- **Protection from bacteria and bad odours:** no water stagnation, no more bacteria and bad odours.
- **Lightness and comfort:** the shoe remains light because it does not get soaked, no excess weight to carry, physical effort is reduced and performance improves.
- **Fast drying:** water does not stagnate and the shoe dries faster.



AVAILABLE IN WOMEN'S SIZES

MEMBRANE HDry
- laminated membrane on the upper
- no water penetration
- quick-drying and breathable

HEEL CONTROL
- maximum stability
- less fatigue

TECHNOLOGIES

HDRY® | AIR MESH | ALCAP | HCTL | APZERO | ESD | HSA | PUNTOFLEX

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: special HDry® membrane, waterproof and breathable, sealed directly to the upper thanks to the innovative 3D lamination process. Breathable, tear-resistant Ripstop fabric and highly breathable 3D Mesh fabric. Water- and tear-resistant Nabuck leather. Highly scratch- and tear-resistant technical microfibre tip. Anatomically pre-moulded TPU 'Heel Control' non-deformable heel for improved grip and wear resistance.
Upper lining: Breathable Air Mesh fabric, abrasion-resistant microfibre heel **cushion.**
Toe tip: aluminium with large internal space for better foot comfort; impact protection 200 Joule; compression protection 1500Kg.
Removable footbed: anatomical with polyester lining and polyurethane foam structure to maximise cushioning and comfort.
Anti-puncture footbed: made of anti-puncture, absorbent, abrasion-resistant and flaking-resistant fabric**.**
Outsole: made of two-density anti-static polyurethane, directly injected onto the upper with electrostatic charge dissipation capacity. Dual-density ESD polyurethane sole.
Midsole: low-density polyurethane, comfortable and anti-shock.
Tread: high-density polyurethane, anti-slip (SRC), abrasion and hydrocarbon resistant**.**

SIZE RANGE
36/48
Mid + 219442: 38/48

TOE TIP
11

INSTEP
11

WEIGHT
505/590 g

AREAS OF USE

INDUSTRY | LOGISTICS | TRADE | CONSTRUCTION | AGRICULTURE

HIT 250

art. 219442 | S3 WR CI SRC HDRY size: 38/48

219442 AG1
ASPHALT/ALL BLACK/RADIANT YELLOW

SAFETY FEATURES

TECHNOLOGIES

HDRY® AIR MESH ALCAP HCTL APZERO HSA

PUNTOFLEX

DESCRIPTION

Waterproof and breathable footwear thanks to the special HDry® membrane laminated directly to the greased, water-repellent Nabuck leather upper.
Breathable Air Mesh fabric lining with abrasion-resistant microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

HIT 250 MID

art. 219441 | S3 WR CI SRC HDRY size: 38/48

219441 AG1
ASPHALT/ALL BLACK/RADIANT YELLOW

SAFETY FEATURES

TECHNOLOGIES

HDRY® AIR MESH ALCAP HCTL APZERO HSA

PUNTOFLEX

DESCRIPTION

Mid footwear, waterproof and breathable thanks to the special HDry® membrane laminated directly to the greased, water-repellent Nabuck leather upper.
Breathable Air Mesh fabric lining with abrasion-resistant microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

HIT 200

art. 211778 | S3 SRC

size: 36/48

211778 5AU
BLUE CROSS/ALL BLACK/ACACIA GREEN

211778 5AH
COOL GRAY 9C/ALL
BLACK/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH ALCAP HCTL APZERO HSA PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
High-quality, water-resistant and tear-resistant Nabuck leather upper.
Breathable Air Mesh fabric lining.
Antistatic shoe with anti-slip and anti-shock sole.

HIT 200 MID

art. 211777 | S3 SRC

size: 38/48

211777 5AU
BLUE CROSS/ALL BLACK/ACACIA GREEN

211777 5AH
COOL GRAY 9C/ALL
BLACK/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH ALCAP HCTL APZERO HSA PUNTOFLEX

DESCRIPTION

Mid footwear in anti-puncture fabric.
High-quality, water-resistant and tear-resistant Nabuck leather upper.
Breathable Air Mesh fabric lining.
Antistatic shoe with anti-slip and anti-shock sole.

HIT 200 ESD

art. 211871 | **S3 SRC**

size: 36/48

211871 5AK
ALL BLACK/SILVER METAL 2/ASPHALT

SAFETY FEATURES

TECHNOLOGIES

AIR MESH · ALCAP · HCTL · APZERO · ESD · HSA · PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
High-quality, tear and water-resistant Nabuck leather upper.
Breathable Air Mesh fabric lining. Footwear with ESD technology with anti-slip and anti-shock sole.

HIT 200 MID ESD

art. 211872 | **S3 SRC**

size: 38/48

211872 5AK
ALL BLACK/SILVER METAL 2/ASPHALT

SAFETY FEATURES

TECHNOLOGIES

AIR MESH · ALCAP · HCTL · APZERO · ESD · HSA · PUNTOFLEX

DESCRIPTION

Mid footwear in anti-puncture fabric.
High-quality, water-resistant and tear-resistant Nabuck leather upper.
Breathable Air Mesh fabric lining. Footwear with ESD technology with anti-slip and anti-shock sole.

HIT 400

art. 211779 | S1P SRC

size: 36/48

211779 5AV
BLUE CROSS/ACACIA GREEN/ALL BLACK

211779 5AI
ACACIA GREEN/ALL BLACK/COOL GRAY 9C

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | ALCAP | HCTL | APZERO | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Breathable and tear-resistant Ripstop fabric upper.
Breathable Air Mesh fabric lining.
Antistatic shoe with anti-slip and anti-shock sole.

HIT 400 ESD

art. 211870 | S1P SRC

size: 36/48

211870 5AK
ALL BLACK/SILVER METAL 2/ASPHALT

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | ALCAP | HCTL | APZERO | ESD | HSA

PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Breathable and tear-resistant Ripstop fabric upper.
Breathable Air Mesh fabric lining. Footwear with ESD technology with anti-slip and anti-shock sole.

HIT 425

art. 215058 | **S1P SRC**

size: 36/48

215058 7BV
SNORKEL BLUE/SILVER METAL 2

215058 7BW
DARK SILVER 2/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH **ALCAP** **HCTL** **APZERO** **HSA** **PUNTOFLEX**

DESCRIPTION

Low anti-puncture fabric shoe.
Highly breathable 3D Mesh fabric.
Breathable Air Mesh fabric lining.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP LINE

Inimitable fit, durable upper and all-terrain outsole.

A safe and light step: JUMP protects the foot without making it heavier, achieving the highest level of safety standards.
Soft and extremely durable uppers thanks to the quality of the materials, maximum protection and comfort with the advantage of lightness.
Enriching the line is the Stabiliser, a special stabilising arch that facilitates the correct movement of the foot even on the roughest terrain.

aircushion insole

CUSHIONING AND COMFORT:
POLYURETHANE FOAM ANATOMICAL FOOTBED

BREATHABILITY AND LIGHTNESS:
MULTI-PERFORATED STRUCTURE

NEW INNER SOLE MADE OF PU FOAM
• cushioning, comfort and breathability

UPPER
• Tear-resistant Nabuck
• breathable fabric

TPU TOE TIP
• anti-abrasion

TECHNOLOGIES

AIR MESH · ALCAP · TPU CORE · ACI · APZERO · STABILIZER · HSA · PUNTOFLEX · SHOCK-OFF

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: Water-repellent Nabuck leather and anti-abrasion TPU protective toe cap. Tear-resistant nubuck and breathable fabric.
Upper lining: breathable Air Mesh fabric, microfibre heel cushion, Cambrelle® lining.
Toe tip:
• aluminium;
• impact protection 200 joules;
• compression protection 1500kg.
Removable footbed: anatomical with polyester lining and multi-perforated polyurethane foam structure to maximise breathability, cushioning and comfort.
Anti-puncture footbed: made of anti-puncture, absorbent, abrasion-resistant and flaking-resistant fabric.
Outsole: made of two-density anti-static polyurethane, directly injected onto the upper.
Stabilizer for foot stability.
Midsole: low-density polyurethane, comfortable and anti-shock.
Tread: high-density polyurethane, slip-resistant (SR and SRC), abrasion-resistant and hydrocarbon-resistant.

SIZE RANGE
38/47

TOE TIP
11

INSTEP
JUMP II: 11 Comfort
JUMP: 11

WEIGHT
525/595 g

AREAS OF USE

INDUSTRY · LOGISTICS · TRADE · CONSTRUCTION · AGRICULTURE

JUMP 350 II

art. 218705 | **S3L SR FO**

size: 38/47

218705 ALL
NAVY BLUE/SAMBA ORANGE

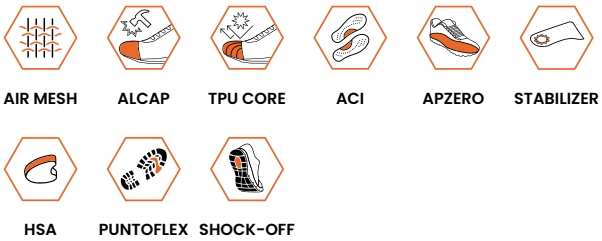
218705 AR5
COBBLESAND/ALL BLACK/BLAZING YELLOW

218705 AR4
MAJOR BROWN/ALL BLACK/ACACIA GREEN

218705 2AF
ALL BLACK/ASPHALT

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
Water-repellent, tear-resistant Nabuck leather upper with anti-abrasion TPU toecap.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 350 II MID

art. 218702 | **S3L SR FO**

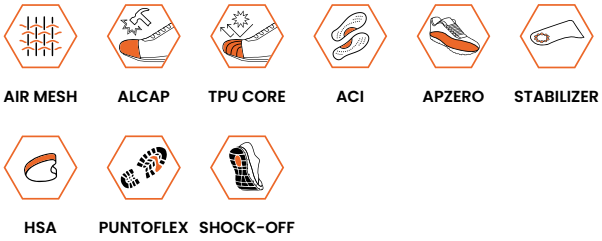
size: 38/47

218702 AR4
MAJOR BROWN/ALL BLACK/ACACIA GREEN

218702 2AF
ALL BLACK/ASPHALT

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Mid footwear in anti-puncture fabric.
Water-repellent, tear-resistant Nabuck leather upper with anti-abrasion TPU toe cap.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 700

art. L49678 | S3 SRC

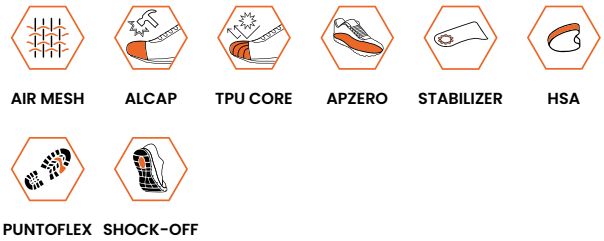
size: 38/47

L49678 5OJ
ASPHALT/ACACIA GREEN

L49678 2AF
ALL BLACK/ASPHALT

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
Water-resistant Nabuck upper and TPU protective toe cap.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 925

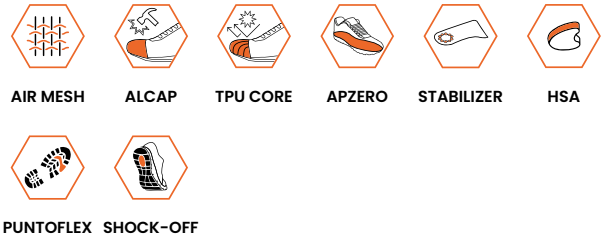
art. L55266 | S3 SRC

size: 38/47

L55266 2AF
ALL BLACK/ASPHALT

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Mid footwear in anti-puncture fabric.
Water-resistant Nabuck upper and TPU protective toe cap.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 300 II

art. 218704 | **S3L SR FO**

size: 38/47

218704 5OK
DRESS BLUE/BLAZING YELLOW

218704 ARE
MAJOR BROWN/ALL BLACK

SAFETY FEATURES

TECHNOLOGIES

AIR MESH · ALCAP · ACI · APZERO · STABILIZER · HSA

PUNTOFLEX · SHOCK-OFF

DESCRIPTION

Low anti-puncture fabric shoe.
Water-repellent and tear-resistant Nabuck upper.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 300 II MID

art. 218703 | **S3L SR FO**

size: 38/47

218703 AR5
COBBLESAND/ALL BLACK/BLAZING YELLOW

218703 5OK
DRESS BLUE/BLAZING YELLOW

218703 AR3
MILITARY OLIVE/ ALL BLACK/SAMBA ORANGE

SAFETY FEATURES

TECHNOLOGIES

AIR MESH · ALCAP · ACI · APZERO · STABILIZER · HSA

PUNTOFLEX · SHOCK-OFF

DESCRIPTION

Mid footwear in anti-puncture fabric.
Water-repellent and tear-resistant Nabuck upper.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 750

art. L57012 | S3 SRC

size: 38/47

L57012 5OK
DRESS BLUE/BLAZING YELLOW

L57012 5OL
ASPHALT/ALL BLACK

L57012 0TD
OLIVE NIGHT/SAMBA ORANGE

SAFETY FEATURES

TECHNOLOGIES

DESCRIPTION

Low anti-puncture fabric shoe.
Water-resistant Nabuck upper.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 900 MID

art. L45419 | S3 SRC

size: 38/47

L45419 5OK
DRESS BLUE/BLAZING YELLOW

L45419 0TD
OLIVE NIGHT/SAMBA ORANGE

SAFETY FEATURES

TECHNOLOGIES

DESCRIPTION

Mid footwear in anti-puncture fabric.
Water-resistant Nabuck upper.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 950 HIGH

art. L49679 | **S3 SRC**

size: 38/47

L49679 1F7
TOASTED ALMOND

SAFETY FEATURES

TECHNOLOGIES

ALCAP APZERO STABILIZER HSA PUNTOFLEX SHOCK-OFF

DESCRIPTION

High shoe made of anti-puncture fabric.
Water-resistant Nabuck upper.
Cambrelle® lining.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 550 II

art. 219443 | **S1PL SR FO**

size: 38/47

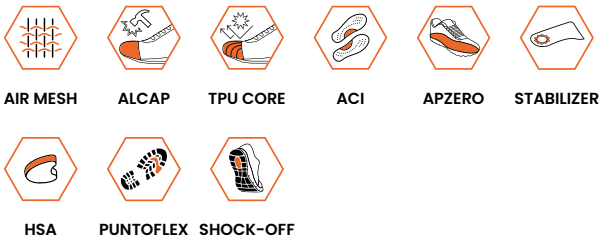
219443 ARB
ALL BLACK/ASPHALT/SPRING GREEN

219443 ALL
NAVY BLUE/SAMBA ORANGE

219443 ARA
COBBLESAND/ALL BLACK/SAMBA ORANGE

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
Upper made of tear-resistant Nabuck and breathable fabric with anti-abrasion TPU protective toe-cap.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 500 II

art. 218706 | **S1PL SR FO**

size: 38/47

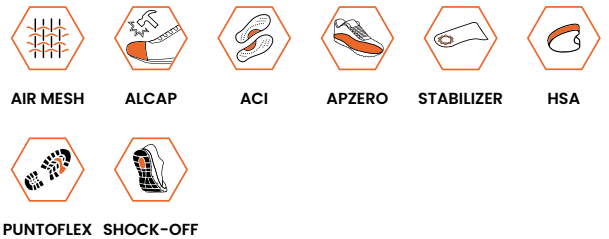
218706 AR5
COBBLESAND/ALL BLACK/BLAZING YELLOW

218706 5OK
DRESS BLUE/BLAZING YELLOW

218706 AR4
MAJOR BROWN/ALL BLACK/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES



DESCRIPTION

Low anti-puncture fabric shoe.
Upper made of tear-resistant Nabuck and breathable fabric.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

JUMP 500

art. L41761 | S1P SRC

size: 38/47

L41761 5OK
DRESS BLUE/BLAZING YELLOW

L41761 5OJ
ASPHALT/ACACIA GREEN

L41761 0TD
OLIVE NIGHT/SAMBA ORANGE

SAFETY FEATURES

TECHNOLOGIES

AIR MESH · ALCAP · APZERO · STABILIZER · HSA · PUNTOFLEX · SHOCK-OFF

DESCRIPTION

Low anti-puncture fabric shoe.
Upper made of tear-resistant Nabuck, breathable fabric.
Breathable Air Mesh fabric lining with microfibre heel cushion.
Antistatic shoe with anti-slip and anti-shock sole.

RACE LINE

Dynamism, functionality and integrated technologies.

In the RACE line, Lotto's sports footwear know-how is applied to the world of accident prevention.
The two-density polyurethane sole guarantees comfort, flexibility and durability, while the composite FLYcap toe tip and the anti-puncture AP Zero fabric are the concrete answer to those seeking safety and uncompromising lightness.

HSA CUSHIONING
• maximum shock absorption
• excellent comfort
• anti-shock

METALFREE TOE TIP
• lightness and wearability
• non-magnetic material

SOLE WITH PUNTOFLEX
• two-density antistatic polyurethane
• electrostatic dissipation and abrasion resistance
• flexibility that accompanies the movement of the foot

TECHNOLOGIES

AIR MESH · FLYCAP · APZERO · METALFREE · ESD · HSA · PUNTOFLEX

TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS
Upper: water-resistant Action Nabuck leather; scratch-resistant suede leather and breathable fabric; water-resistant pigmented leather**.**
Upper lining: breathable Air Mesh fabric, microfibre heel cushion.
Toe tip:
• in multilayer composite;
• impact protection 200 joules;
• compression protection 1500Kg.
Removable insole: polyester or polyester EVA lining to maximise breathability, cushioning and comfort**.**
Anti-puncture footbed: made of anti-puncture, absorbent, abrasion-resistant and flaking-resistant fabric.
Outsole: two-density ESD polyurethane; two-density anti-static polyurethane directly injected onto the upper. With Stabilizer for stability and foot support.
Midsole: low-density polyurethane, comfortable and anti-shock.
Tread: high-density polyurethane, anti-slip (SRC), abrasion and hydrocarbon resistant**.**

SIZE RANGE
36/48
Mid: 38/48
W: 36/42

TOE TIP
11

INSTEP
11

WEIGHT
550/590 g

AREAS OF USE

INDUSTRY · CONSTRUCTION · AGRICULTURE

RACE 200

art. L59832 | S3 SRC

size: 36/48

L59832 0XH
SMOKED GRAY/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 200 MID

art. L59833 | S3 SRC

size: 38/48

L59833 0XH
SMOKED GRAY/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Mid footwear in anti-puncture fabric.
Leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 400 ESD

art. L59842 | S3 SRC

size: 36/48

L59842 2AZ
ALL BLACK/SMOKED GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | ESD | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. ESD metal-free footwear with anti-slip and anti-shock sole.

RACE 400 MID ESD

art. L59843 | S3 SRC

size: 38/48

L59843 2AZ
ALL BLACK/SMOKED GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | ESD | HSA | PUNTOFLEX

DESCRIPTION

Mid footwear in anti-puncture fabric.
Leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. ESD metal-free footwear with anti-slip and anti-shock sole.

RACE 900

art. L59839 | S3 SRC

size: 36/48

L59839 2AZ
ALL BLACK/SMOKED GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Pigmented, water-resistant leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 900 MID

art. L59840 | S3 SRC

size: 38/48

L59840 2AZ
ALL BLACK/SMOKED GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Mid footwear in anti-puncture fabric.
Pigmented, water-resistant leather upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 250

art. L59834 | S1P SRC

size: 36/48

L59834 0XH
SMOKED GRAY/ACACIA GREEN

L59834 2AW S1P
ALL BLACK/ACACIA GREEN

213312 5SL S1P
BLUE/ACACIA GREEN

213313 5SL S1
BLUE/ACACIA GREEN

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Leather suede and breathable fabric upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 250 W

art. 213311 | S1P SRC

size: 36/42

213311 5SK
BLUE/PURPLE WILLOW

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Leather suede and breathable fabric upper.
Breathable Air Mesh fabric lining with microfibre heel cushion. Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 401

art. L59837 | S1P SRC

size: 36/48

L59837 2D6
TOFFEE BROWN/SMOKED GRAY

L59837 2BL
SMOKED GRAY/
GLACINE GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Breathable leather and fabric upper.
Breathable Air Mesh fabric lining.
Antistatic metal-free footwear with anti-slip and anti-shock sole.

RACE 401 ESD

art. L59844 | S1P SRC

size: 36/48

L59844 2AZ
ALL BLACK/SMOKED GRAY

SAFETY FEATURES

TECHNOLOGIES

AIR MESH | FLYCAP | APZERO | METALFREE | ESD | HSA | PUNTOFLEX

DESCRIPTION

Low anti-puncture fabric shoe.
Breathable leather and fabric upper.
Breathable Air Mesh fabric lining.
ESD metal-free footwear with anti-slip and anti-shock sole.

LEGEND

Safety features and technologies.

SAFETY FEATURES

TOE TIP 200 JOULES

ANTI-STATIC FOOTWEAR

ENERGY ABSORPTION IN THE HEEL

HYDROCARBON-RESISTANT OUTSOLE

BREATHABLE UPPER

PUNCTURE-RESISTANT INSOLE

WATER-REPELLENT UPPER (WRU).

HEAT-RESISTANT OUTSOLE

SLIP RESISTANCE

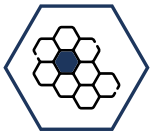
WATER-REPELLENT FOOTWEAR

COLD INSULATION

TECHNOLOGIES

AIR-ZONE® – VENTILATION AND BREATHABILITY

Exclusive technology developed by Lotto Works to ensure maximum breathability.
Special openings at the sides of the sole and the internal ducting system allow sweat to be expelled in the form of water vapour. The technology ensures favourable air circulation by blocking the infiltration of water and dirt. The construction also offers high shock-absorbing capacity.



PERSPAIR® – STRENGTH WITHOUT COMPROMISE

The characteristic feature of these fabrics is the use of a patterned Jacquard weave, which integrates zones with different technical characteristics within
the same upper. Perspair® was created to make technical footwear with minimal use of stitching, which has always been a point of weakness and discomfort.

PUTEK® – FLEXIBLE ARMOUR AT YOUR FEET

PUTek® technology uses a new concept of threads with very high abrasion resistance, thanks to high tenacity and polyester coating, woven directly into a high-strength fabric, to achieve
an upper with the best mechanical performance. The thread is woven into the Perspair® fabric.

HDRY® – START LOVING THE RAIN

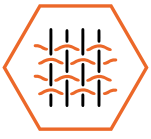
With the direct lamination HDry® technology, there is no space between the upper and membrane that allows water to enter. The shoe therefore remains light because it does not get soaked. In addition, the absence of a moisture layer between the upper and lining promotes breathability for superior comfort.
The shoes thus dry much more quickly.

ORTHOLITE® – COMFORT THAT LASTS

Polyurethane foam insoles offering unparalleled comfort and performance. Long-lasting cushioning: Ortholite® foam compresses less so that cushioning, fit and comfort last. The material is extremely light, breathable and machine-washable for constant comfort day after day.

ESD – GOODBYE ELECTRICITY

Certificate of conformity to CEI EN 61340-5-1:2016, CEI EN 61340-4-5:2006 and CEI EN 61340-4-3:2002 for footwear ensuring high electrostatic dissipation, in environments with electronically controlled machinery, assembly of microchips or transistors, clean rooms, chemical industries, hazardous environments
with the risk of explosion.



AIR MESH – NO SWEAT ALLOWED

A special double-layer fabric lining consisting of an inner part that attracts and absorbs
sweat and a more compact and durable outer part. A winning combination, designed to create a durable, soft and breathable fabric, perfect for warding off sweat and odours.

DOUBLE LACES – FOR QUICK CHANGES

Particularly strong laces designed to offer maximum comfort and all-round safety.
Perfect for a quick change on any occasion, they come in different colours to personalise the shoe and never give up a touch of style in any work environment or in everyday life.

ELS – EXTRA LACING

More loops than standard, increased by 20%, which makes the shoe
very practical. The foot is wrapped and firm without being constricted. It eliminates the risk of pain or difficulty in movement, while increasing support and stability on all surfaces.

FLYCAP & ALCAP – EXCELLENT DEFENCE

FLYcap is a lightweight and effective protection made of composite material that provides practicality and protection thanks to its compressive strength of up to 200 joules of transmitted energy.
The ALcap aluminium toe tip ensures protection and lightness.

TPU CORE - AGAINST ABRASION

TPU toe tip coating for improved abrasion resistance of the upper.
It is combined with the fabrics of the upper to make the shoe a solid and durable ally for many workers.

AIR CUSHION INSOLE (ACI) - WINNING COMFORT

Anatomical polyurethane foam insole with polyester lining.
Multi-perforated structure allowing maximum cushioning and comfort without compromising breathability.

HCTL - UNBEATABLE SUPPORT

Anatomically pre-moulded TPU 'Heel Control' non-deformable heel to provide support for the foot and maximum stability. The insert improves grip, wear resistance and reduces fatigue.

APZERO - UNSURPASSABLE BARRIER

Lightweight and flexible puncture-resistant insole for an extra layer of protection.
Thanks to the elasticity of the special fabric it is made of, it secures the entire foot without sacrificing comfort, contributing to the well-being of the worker in particularly demanding workplaces.

STABILIZER - MAXIMUM STABILITY

The stabilising arch is a control system for shoe torsion and flexion that protects the foot from possible injuries and mechanical trauma. The technology therefore ensures maximum stability in all conditions of use and surfaces, without compromising comfort and safety.

HCT - IMPRESSIVE TECHNOLOGY

From the perfect mix of polymeric components comes High Cushioning Technology, the innovative technology that offers excellent energy return, great cushioning and long-lasting performance.
To ensure a comfortable, stress-relieving effect during long working days.

METALFREE - METAL STAYS ON THE BENCH

No metal components thanks to the use of composite materials, for maximum comfort and greater freedom of movement. Metal free shoes are especially aimed at those who work in metal detector controlled environments such as airports.

HSA - HEEL STRIKE

Reinforcement with special compound to improve shock and vibration absorption upon heel contact with the ground. It provides great protection for the back of the foot and absolute comfort even over long periods of use. The heel is no longer a weak point.

HRO - CHAMPION RESISTANCE

Rubber sole with high resistance to contact heat and abrasion.
Its construction makes it perfect for work in contact with strong heat sources or for activities carried out on the hottest summer days. It is durable and withstands temperatures of up to 300°C for 60 seconds.

PUNTOFLEX - NATURAL FLEXIBILITY

Sole design and construction that allow the foot to bend correctly and give an excellent springback. Puntoflex makes your steps lighter and more functional by biomechanically accompanying the foot in its most natural movement.

SHOCK-OFF - IMMUNE TO FATIGUE

Insert positioned in the heel area designed for greater cushioning and less fatigue when standing. Shock-off absorbs energy and reduces ground impact trauma.

INFORMATION NOTE EN ISO 20345:2022

Lotto Works a Division of Lotto Sport Italia, Via Montebelluna 5/7 – 31040 Trevignano (TV) - ITALIA – www.lotto.it

Keep this note throughout the life of the Personal Protective Equipment (PPE), carefully observing its contents. If, after reading, any doubts should arise as to the degree of protection afforded by the footwear, its use and maintenance, please contact the safety officer before use. In case of further needs and for any other information, please contact the manufacturer. This Personal Protective Equipment has been designed and manufactured to protect against one or more risks that could endanger health and safety; it is personal and must not be altered in its intended use. For more nformation and access to the EU Declaration of Conformity of this PPE, please visit the manufacturer's website www.lotto.it.
LOT WORKS safety footwear is Category II PPE conforming to Regulation (EU) 2016/425 subject to EU type examination conformity assessment (Module B) by Notified Body No. 0465 A.N.C.I. SERVIZI SRL, head office CIMAC, Via Aguzzafame 60/B, 27029 Vigevano (PV), Italy, by Notified Body No. 0498 RICOTEST, Via Tione, 9 - Pastrengo (VR) and by Notified Body No. 2575 Intertek Italia S.p.A., Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milan (MI).

WARNINGS
Before use, check that the characteristics of the chosen PPE correspond to your requirements for use. LOTTO WORKS safety footwear is designed and manufactured according to the risk to be protected against and in compliance with the following European standards:
• **EN ISO 20344:2021** Personal protective equipment - Test methods for footwear
• **EN ISO 20345:2022** Personal Protective Equipment - Safety footwear

INTENDED USE
Safety footwear fitted with toecap designed to provide 200J impact protection and 15 kN compression protection.
The footwear can be used in the sectors of agriculture and mining, food, textile, leather working, wood, paper and publishing, plastics, mineral and metal working, engineering and electromechanical, waste management and recycling, retail, water distribution, construction, transport and logistics.

MATERIALS AND PROCESSING
All the materials used, natural or synthetic, as well as the manufacturing techniques have been selected to meet the requirements of the aforementioned technical regulations in terms of safety, ergonomics, comfort, solidity and innocuousness. In addition to the mandatory basic requirements set forth by the regulations, the footwear may comply with additional requirements, identified by the symbols or categories indicated in the footwear marking.

Category	Footwear Classification	Requirement
SB	I or II	Basic requirements
S1	I	SB + closed heel area + energy absorption in the heel area + antistatic shoe
S2	I	S1 + water absorption and penetration of uppers
S3	I	S2 + puncture resistance (with metal anti-puncture insert) + cleated outsole
S3L	I	S2 + puncture resistance (with PL-type non-metallic puncture-proof insert) + cleated outsole
S3S	I	S2 + puncture resistance (with PS-type non-metallic anti-puncture insert) + cleated outsole
S6	I	S2 + water resistance of complete footwear
S7	I	S3 (metal anti-puncture insert) + water resistance of complete footwear
S7L	I	S3 (PL-type non-metallic anti-puncture insert) + water resistance of complete footwear
S7S	I	S3 (PS-type non-metallic anti-puncture insert) + water resistance of complete footwear

The meaning of the categories and/or symbols in the footwear marking is given below:

Symbol	Security features	Requirement	Markings									
			SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S
P	Puncture resistance (with metal puncture-proof insert)	≥1100 N	-	o	-	x	-	-	-	x	-	-
PL	Puncture resistance (with PL-type non-metallic puncture-proof insert)	A 1100 N nessuna perforazione	-	o	-	-	x	-	-	-	x	-
PS	Puncture resistance (with PS-type non-metallic puncture-proof insert)	Average perforation force ≥1100 N Single perforation force ≥950 N	-	o	-	-	-	x	-	-	-	x
C	Partially conductive footwear	Electrical resistance ≤100 kΩ	o	-	-	-	-	-	-	-	-	-
A	Anti-static footwear	Electrical resistance >100 kΩ and ≤1000 MΩ	o	x	x	x	x	x	x	x	x	x
HI	Insulation from bottom heat	Temperature rise after 30 minutes at 150 °C ≤22 °C	o	o	o	o	o	o	o	o	o	o
CI	Cold insulation of the bottom	Temperature drop after 30 minutes at -17 °C ≤10 °C	o	o	o	o	o	o	o	o	o	o
E	Energy-absorbing heel	Absorbed energy ≥20 J	o	x	x	x	x	x	x	x	x	x
WR	Water resistance of the complete shoe	No water penetration	o	o	-	-	-	-	x	x	x	x
M	Metatarsal protection (requirement not applicable to work footwear according to EN ISO 20347:2022)	Residual height after impact: size 36 and below ≥37.0 mm size 37 and 38 ≥38.0 mm size 39 and 40 ≥39.0 mm size 41 and 42 ≥40.0 mm size 43 and 44 ≥40.5 mm size 45 and above ≥41.0 mm	o	o	o	o	o	o	o	o	o	o
AN	Malleolus protection	Transmitted energy: average value ≥10 kN single value ≥15 kN	o	o	o	o	o	o	o	o	o	o
CR	Cut resistance	Cut resistance index ≥2.5	o	o	o	o	o	o	o	o	o	o
SC	Abrasion resistance of the toe cap	No through holes after 8000 abrasion cycles	o	o	o	o	o	o	o	o	o	o
---	Slip resistance (ceramic top coated with water and NaLS detergent)	≥0.31 (heel 7°) ≥0.36 (tip 7°)	x	x	x	x	x	x	x	x	x	x
SR	Slip resistance (ceramic top coated with glycerine)	≥0.19 (heel 7°) ≥0.22 (tip 7°)	o	o	o	o	o	o	o	o	o	o
WPA	Water absorption and penetration of uppers	Absorption ≤30%. Penetration ≤0.2 g	o	-	x	x	x	x	x	x	x	x

HRO	Heat resistance by sole contact (ONLY for footwear with rubbersoles)	No signs of melting and/or breakage	o	o	o	o	o	o	o	o	o	o
FO	Hydrocarbon-resistant outsole	Volume increase ≤12%	o	o	o	o	o	o	o	o	o	o
LG	Footwear suitable for ladders	Abrasion resistance of the waist and waist dimensions suitable for use on ladders	o	o	o	o	o	o	o	o	o	o
Ø	Footwear without slip-resistance (only for footwear designed for use in very special workplaces, e.g. soft ground e.g. sand, mud, forestry/ wood, etc.)	---	o	o	o	o	o	o	o	o	o	o

X = Mandatory requirement	O = Optional requirement	- = Requirement not foreseen

SLIP RESISTANCE
The slip resistance of the shoes was tested under laboratory conditions. Additional tests by the user in the conditions present in the workplace may provide additional information. Field testing of footwear to assess suitability for work is recommended.
No footwear can provide complete safety in particularly demanding conditions such as cooking or mineral oil spills. In these conditions, non-slip footwear can only reduce the risk. Often the only solution in these circumstances is to prevent contamination in the first place or to promptly clean up the oil spill.
These shoes meet the following mandatory requirements for slip resistance on a ceramic surface covered with water and detergent (NaLS):

Test conditions	Friction coefficient
Condition A (heel slide inclined 7° towards the front)	≥0,31
Condition B (sliding of the toe inclined 7° backwards)	≥0,36

In addition, these shoes meet the following additional requirements for slip resistance on a glycerine-coated ceramic surface:

Test conditions	Friction coefficient
Condition C (heel slide inclined 7° towards the front)	≥0,19
Condition D (sliding of the toe inclined 7° backwards)	≥0,22

The "SR" requirement is intended as a generic test to evaluate performance on more viscous contaminants such as oil. Note that this test condition is particularly demanding and the results in this test tend to be inherently low. It is preferable to use protective devices that have demonstrated good performance under test conditions as close as possible to the conditions of use.

ANTISTATIC FOOTWEAR
Use antistatic footwear if it is necessary to minimise the build-up of electrostatic charges by dissipating electrostatic charges, thus avoiding the risk of spark ignition, e.g. during the use of flammable substances and vapours, and if it is not possible to completely eliminate the risk of electric shock from mains-voltage equipment from the workplace. Anti-static footwear introduces resistance between the foot and the ground but cannot provide complete protection. Anti-static footwear is not suitable for working on live electrical installations. It should be noted, however, that antistatic footwear cannot provide adequate protection against electric shocks from a static discharge as it only introduces resistance between the foot and the floor. If the risk of electrostatic discharge has not been completely eliminated, additional measures must be taken to avoid this risk. These measures, as well as the additional tests mentioned below, should be an essential part of the occupational accident prevention programme. Anti-static footwear does not provide protection against electric shocks due to AC or DC voltages. If there is a risk of being exposed to any AC or DC voltage, use electrically insulating footwear. The electrical resistance of antistatic footwear can be significantly modified by flection, contamination or humidity. These shoes may not perform their intended function if worn in wet conditions. Class I footwear can absorb moisture and can become conductive if worn for prolonged periods in damp and wet conditions. Class II footwear is resistant to wet and damp conditions and should be used if there is a risk of exposure. If footwear is worn in conditions where the sole material is contaminated, the wearer should always check the antistatic properties of the footwear before entering a hazardous area. When using antistatic footwear, the electrical resistance of the flooring should be such that it does not invalidate the protection provided by the footwear. An antistatic sock is recommended. It is, therefore, necessary to ensure that the footwear combination is able to fulfil its designed function of dissipating electrostatic charges and providing some protection throughout its life. Therefore, it is recommended that the user establishes an internal test for electrical resistance, which is carried out at regular and frequent intervals.

INSOLES
If the footwear is supplied with a removable insole, we declare that all tests were performed with the insole inserted inside the footwear. The footwear must only be used with the insole inserted inside and the insole must only be replaced by a similar one supplied by the manufacturer. If the shoe is supplied without an insole inside, we declare that all tests were performed without the removable insole. Only insoles that meet the properties of EN ISO 20345:2022 in combination with these safety shoes may be used inside them.

PUNCTURE RESISTANCE
The puncture resistance of this shoe was verified in the laboratory using standard nails and forces. Smaller diameter nails and greater static or dynamic loads can increase the risk of perforation. In such circumstances, additional preventive measures should be considered. Three generic types of puncture-resistant inserts are currently available in PPE footwear. These are the types of metallic and non-metallic inserts that must be chosen according to the risk assessment. All inserts provide protection against puncture risks, but each has different advantages or disadvantages:
Metallic anti-puncture insert (e.g. S1PS, S3): is less influenced by the shape of the sharp object (e.g. diameter, geometry, roughness of the surface) but may not cover the entire lower area of the foot due to the footwear manufacturing techniques.
Non-metallic (PS or PL or category e.g. S1PS, S3L): may be lighter, more flexible and provide a larger coverage area, but puncture resistance may vary more depending on the shape of the sharp object (e.g. diameter, geometry, surface roughness). There are two types of non-metallic puncture-proof inserts, depending on the protection offered: the PS type can provide more appropriate protection from smaller diameter objects than the PL type.

USE AND UPKEEP
No liability is accepted for any damage and consequences that may result from improper use of the footwear. It is important, when choosing, to select a suitable model and size according to the special protection requirements. Footwear can only maintain the indicated safety characteristics if it is regularly worn and fastened. The risk protection indicated in the marking is valid for footwear in good condition. Check the perfect state of preservation of the device with a careful visual inspection before each use and replace it if any deterioration is detected (excessive wear of the sole, poor condition of the upper and the stitching, detachment of the sole-upper, etc.). Maintaining the characteristics of the footwear is favoured by its good preservation and, therefore, it is advisable to clean it regularly using brushes, cloths, etc., removing any stains with a damp cloth. Periodically, depending on the conditions of the working environment, we recommend treating the leather upper with normal polish or shoe grease. It is also advisable not to dry footwear near or in direct contact with heat sources such as heaters, radiators, etc. Do not use aggressive products such as petrol, acids and solvents, as they can compromise the quality, safety and durability of the PPE.

SERVICE LIFE OF FOOTWEAR
The numerous factors that may influence the footwear's useful working life preclude specifying its duration with certainty. The shoes are packed in boxes and must be stored in cold storage and kept away from light and moisture.

STORAGE
Store new footwear in a dry place and at temperatures that are not excessively high. When in use, after cleaning, store the footwear in a ventilated, dry place, away from heat sources and products that may compromise its characteristics. In general, for footwear that includes polyurethane (PU or TPU), a maximum storage life of 3 years from the date of production can be assumed. For footwear that includes PVC, the maximum lifetime is 5 years, while for footwear with rubber, thermoplastic materials (e.g. SEBS) and EVA, it is 10 years.

CE MARKING
The shoes are marked with the following information:
- Manufacturer's name and postal address
- Article/product code
- Harmonised reference standard
- Categories and/or symbols of protection
- CE marking
- Lot number

The date of manufacture and the shoe size are moulded on the sole.

WORKS LOTTO
Lotto Sport Italia S.p.A.
Via Montebelluna, 5/7 - Trevignano (TV)
www.lotto.it
219441 AG1
EN ISO 20345:2022
S7L SR FO CI
Lot: 0001 CE Cat. II

EVALUATION OF THE FOOTWEAR BY THE USER
General Information
At regular intervals, safety footwear must be assessed by inspection before each use. The obsolescence date must not be exceeded. The lifespan of footwear depends on the duration and intensity of use, storage, cleaning and maintenance. The following activities and drawings are provided for a correct evaluation of safety footwear performance.
Criteria for assessing the condition of footwear
Safety shoes must be replaced when any of the signs of wear and tear identified below are found. Some criteria may vary depending on the type of footwear and materials used:
— Beginning of pronounced and deep cracks affecting half the thickness of the upper material (Figure a);
— Severe abrasion of the upper material, especially if the toe cap appears (Figure b);
— The upper shows areas with deformations or split seams in the leg (Figure c);
— The sole has cracks over 10 mm long and 3 mm deep (Figure d);
— Upper/sole separation greater than 15 mm in length and 5 mm in depth (Figure g);
— Height of cleat for soles with cleat at any point less than 1.5 mm (Figure e);
— Original insole(s) (if present) showing pronounced deformation and crushing;
— Tear in the lining or sharp edges of the toe guard that could cause injury (Figure f);
— Delamination of sole materials (Figure h);
— Pronounced deformation of the sole due to heat exposure to one of the following causes (Figure i);
— Union of 2 or more cleats by melting the material;
— Decrease in height of any cleat to less than 1.5 mm;
— The fusion of the outside of the cleat and the midsole becomes visible;
— The closing mechanism is no longer functional (e.g. zip, laces, eyelets, tear release system).

Figure a)

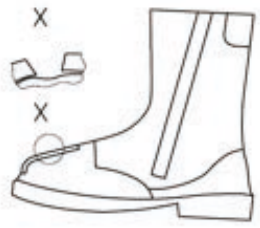


Figure b)


Figure c)

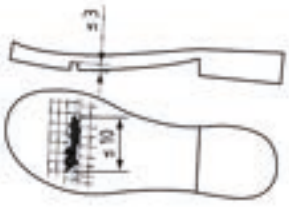


Figure d)

Figure e)


Figure f)

Figure g)


Figure h)


Figure i)

INFORMATION NOTE EN ISO 20345:2011

Lotto Works a Division of Lotto Sport Italia, Via Montebelluna 5/7 – 31040 Trevignano (TV) - ITALY - www.lotto.it

CAUTION: BEFORE USING OUR FOOTWEAR CAREFULLY READ THIS ADVISORY NOTE

Footwear for professional use is Personal Protective Equipment (PPE). It is subject to the requirements of EU Regulation 425/2016 according to which CE marking is mandatory for marketing. LOTTO WORKS safety footwear is Class II Personal Protective Equipment and has obtained CE Certification from the RICOTEST Notified Body, No. 0498, Via Tione, 9 - 37010 Pastrengo (VR), ITALY - and from the C.I.M.A.C. Notified Body, No. 0465, Corso G. Brodolini, 19 - 27029 Vigevano (PV), ITALY - and from the ITS Testing Service UK Ltd Notified Body, No. 2575 Intertek Italia S.p.A. Via Miglioli, 2/A - 20063 Cernusco sul Naviglio, Milano – Italy.

WARNING
The employer is legally responsible for the adequacy of PPE to the type of risk present in the workplace and to the relevant environmental conditions. Before use, make sure the characteristics of the chosen model correspond to the specific occupational requirements.

PROTECTION CLASSES AND RISK LEVELS
LOTTO WORKS safety boots are designed and made so to ensure proper protection according to the type of risk and of the best level possible. All our shoes have been approved in accordance with the procedures provided for by the **EN ISO 20344:2011** standard. In particular, LOTTO WORKS shoes include an anti-slip protection the characteristics of which have been controlled according to the EN 13287:2007 procedure (Note Well: the non-slip properties are at their maximum after a few hours 'running in' which removes any residue of silicone and mould release substances) and the vamp is permeable to water steam when it is tested according to the procedure described in EN ISO 20344:2011.
The LOTTO WORKS safety footwear has been designed and made in compliance with the following European standards:

> **EN ISO 20345:2011 - Specifications for safety footwear for professional use**. This standard defines safety footwear for professional use to be "footwear incorporating features to protect the wearer from injuries which could arise through accidents in the working sectors for which the footwear was designed. It is fitted with toecaps, designed to give protection against impact when tested at an energy level of 200 joules".

Besides the mandatory basic requirements foreseen by the standard, the safety footwear may require further characteristics which are represented by Symbols (see Table I) and/or Categories (see Table II). The Categories are the most common combinations for the basic and additional requirements.

TABLE I

Symbol	Requirements/Characteristics	Requirement limits
P	Outsole resistance to perforation of the footwear outsole (*)	≥ 1100 N
E	Energy-absorbing heel	≥20 J
A	Anti-static footwear	from 0.1 to 1000 M
C	Conductive footwear	< 0.1M
I	Electrically insulating footwear	Class 0 or 00
WRU	Water-repellent upper	≥ 60 min.
CI	Cold insulation	Tested at - 20° C
HI	Heat insulation	Tested at 150° C
HRO	Heat-resistant outsole	Tested at 300° C
FO	Oil-resistant outsole	≤ 12%
WR	Water-repellent footwear	≤ 3 cm^2
M	Metatarsal protection (only for EN ISO 20345)	≤ 40 mm (mis.41/42)
AN	Malleolus protection	≤ 20 kN
CR	Resistance to cutting of the upper (only for EN ISO 20345)	≥ 2,5 (index)
SRA	Resistant to slipping on standard ceramic floor with lubricant water + soap	Heel - min. 0,28 Surface - min. 0,32
SRB	Resistant to slipping on steel floor with gliycerin lubricant	Heel - min. 0,13 Surface - min. 0,18
SRC	SRA + SRB	

(*) 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 1100N (about 112kg). Higher forces or nails of smaller diameter will increase the risk of penetration occurring. In such circumstances alternative preventative measures should be considered.
Two generic types of penetration resistant insert are currently available in PPE footwear.
These are metal types and those from non-metal materials. Both types meet the minimum requirements for penetration resistance of the standard marked on this footwear but each has different additional advantages or disadvantages including the following:
Metal: the risk is less affected by the shape of the sharp object (i.e. diameter, geometry, sharpness) but, due to shoemaking limitations, does not cover the entire lower area of the shoe.
Non –metal: may be lighter, more flexible and provide greater coverage area when compared with metal, but the penetration resistance may vary more depending on the shape of the sharp objet (i.e. diameter, geometry, sharpness).
The choice should be based on risk assessment related to real working conditions.
For more information about the type of penetration resistant insert provided in your footwear please contact the manufacturer or supplier detailed on these instructions.

TABLE II

Additional Requirements	EN ISO 20345		
	S1	S2	S3
Closed heel. Anti-static properties (A). Energy-absorbing heel (E). Oil-resistant outsole (FO).	X	X	X
Closed heel. Anti-static properties (A). Energy-absorbing heel (E). Oil-resistant outsole (FO). Water-repellent upper (WRU).		X	X
Closed heel. Anti-static properties (A). Energy-absorbing heel (E). Water-repellent upper (WRU). Oil-resistant outsole (FO). Outsole resistance to perforation (P)			X

All LOTTO WORKS footwear is clearly and permanently marked. The marking shows symbols and classes corresponding to the kind of protection provided by PPE together with the following mandatory information:

- CE marking
- manufacturer identification marking
- the standard and year - EN ISO 20345:2011
- safety symbol/class according to the reference standard
- article/model
- non-slip category marking
- production batch

The date of manufacture and the shoe size are moulded on the sole.

Symbols and classes on the marking of LOTTO WORKS products allows the most suitable PPE to be selected for the type of **risk** present in the workplace, as specified below:

- TOE IMPACT AND/OR CRUSHING: footwear certified EN ISO 20345
- HEEL IMPACT AGAINST THE GROUND: footwear marked SB-E, S1-S2-S3, EN ISO 20347-E, 01-02-03
- SLIPPING: all footwear
- COLD: footwear marked CI
- HEAT: footwear marked HI
- WATER: footwear marked WRU (water-repellent upper) or WR (water-resistant footwear)
- OUTSOLE CONTACT WITH HEAT: footwear marked HRO
- ELECTROSTATIC CHARGES: footwear marked A, S1-S2-S3, 01-02-03
- IMPACT ON ANKLE: only desert boot model with ankle pad AN
- PERFORATION: footwear marked SB-P, S1-P, S3, 03, 01-P
- PETROL/OIL: footwear certified EN ISO 20345 (S1, S1P, S2, S3) and footwear marked EN ISO 20347-1 FO
- Other risks according to the specific symbol

LOTTO WORKS footwear is not suitable for protection against risks not mentioned in the present Advisory Note and particularly those covered by Personal Protective Equipment of Class III as defined by Italian Legislative Decree 475 of 04/12/1992. **EU Declaration of Conformity available at www.lotto.it.**

RECOMMENDED FIELDS OF USE
Industry in general, the engineering and building industries, warehouses, public works, and the agricultural and food industries.

USE AND UPKEEP
Safety footwear only fulfils its safety characteristics if it fits properly and is maintained in perfect condition. Before using footwear, examine it to make sure it is in perfect condition and try it on to check the fit. Footwear that is not intact and shows damage such as loose threads, sole wear, splits or excess soiling should be replaced.

Recommendations for the correct use of footwear:

- choose a model suitable to the specific requirements of the workplace and to the relevant environmental/weather conditions
- choose the right size, preferably by trying the fit
- when not in use, store footwear in a dry, clean and well ventilated place
- check that footwear is in good order every time you wear it
- clean footwear regularly using brushes, cleaning paper, rags etc. Clean it as often as the conditions in the workplace require
- periodically treat the upper with suitable polish, e.g. dubbin or wax or silicon-based products, etc.
- never use aggressive agents such as petrol, acids or solvents that may reduce the quality, safety and duration of PPE
- never dry footwear by or in direct contact with heaters, radiators and other heat sources

In order to reduce risks of deterioration, safety footwear must be shipped and stored in its original packaging in dry areas of not excessive temperature. When removed undamaged from its original packaging, new footwear may be considered suitable for use. The numerous factors that may influence a footwear item's useful working life preclude specifying its duration with certainty. Generally speaking, for new items made entirely in polyurethane or with soles in polyurethane (or TPU) stored under controlled environmental conditions, a maximum storage duration of three years may be foreseen. Such duration extends to five years for shoes that include PVC. For all other types of safety footwear, a maximum duration of ten years may be reasonably hypothesized.

ADDITIONAL INFORMATION

Anti-static footwear
Anti-static footwear should be used when static electricity needs to be dissipated, reducing its build-up to a minimum, thereby avoiding fire hazards typical of working with inflammable substances and vapour and in the cases where the risk of electric shock from electrical appliances or other live parts has not been fully eliminated. However, it has to be said that anti-static footwear cannot guarantee adequate protection against electric shock since it merely interposes an electrical resistance between the foot and the ground. Additional precautions must be taken if the risk of electric shock has not been fully eliminated. These precautions, in addition to the additional tests listed below, should be included in the routine control plan for health and safety at work.
Experience has shown that, under normal conditions and for anti-static purposes, a discharge through a product should present an electrical resistance of less than 1000 MΩ at any time during the life span of the product. 100 KΩ has been defined as the minimum resistance limit for new products, in order to ensure a given protection against the risk of electric shock or against fire in the event of defective electrical appliances operating with voltages up to 250 V. However, in certain conditions the user should be informed that the protection provided by the footwear may be ineffective and that other means of personal protection should be used at all times. The electrical resistance in this type of footwear may undergo significant changes through flexing, contamination or humidity. This type of footwear cannot function properly if worn and used in damp environments. It is therefore necessary to check that the product is capable of fulfilling its function of dissipating static electricity and providing a certain amount of protection throughout its life span. The user must always test the electrical resistance in situ and at regular intervals. If it is worn for long periods of time, class I footwear may absorb dampness; in such cases and in wet conditions it may become conductive.
If the footwear is used in conditions where the sole material may be contaminated, the wearer must always check the electrical properties of the footwear before entering a risk area.
While using anti-static footwear, the sole resistance should not neutralise the protection provided by the footwear.
Do not insert insulating material between the footbed and the wearer's foot. If an insole has to be used between the footbed and foot, control the combined electrical properties of the footwear/ insole.

Removable insole
If the safety footwear is supplied with a removable insole, the claimed ergonomic and protective functions apply to the footwear complete with the insole. Always use the footwear together with the insole! Replace the insole only with an equivalent model from the same supplier.
Safety footwear without a removable insole is to be used without an insole, because the introduction of an insole could have a negative effect on the protective functions.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WORK LIKE A
CHAMPION

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COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV
= ISO 9001:2015 =

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