



CATALOGUE 2023
SAFETY FOOTWEAR



www.ppo.pl

About us

PPO PP has been operating on the workplace footwear market since 1953. We are constantly gaining experience and improving technologies to meet the expectations of the most demanding customers. Modern technology is our passion.

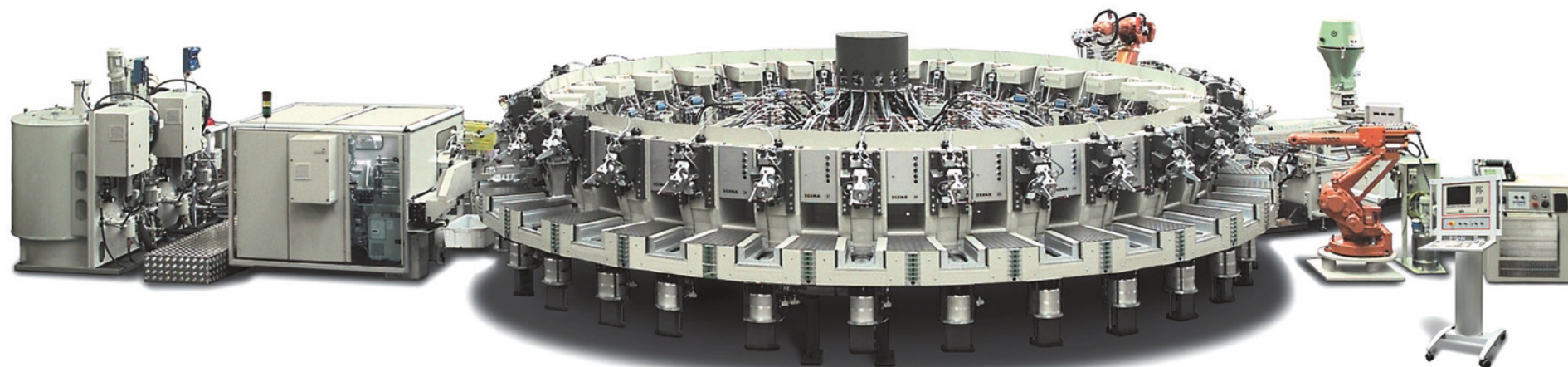
Being aware of the diversity of working conditions, we offer a wide range of footwear for you to choose from. Our wide range of footwear includes simple, economical, modern and technologically advanced options. In order to provide the user with a safer and more comfortable working conditions, we pay special attention to the quality, design, functionality and safety of our footwear.

It is worth noting that every stage of footwear production takes place in Poland and the products do not contain harmful substances. The footwear meets the requirements of European standards and perfectly protects against slipping in line with the SRC class.

Please have a look at our offer and promote high quality Polish products.

PPO in numbers:

- 70 years of experience
- 100% made in Poland
- 8 modern production lines
- 4 advanced technological lines
- more than 700,000 pairs sold in 2022
- more than 70 different models

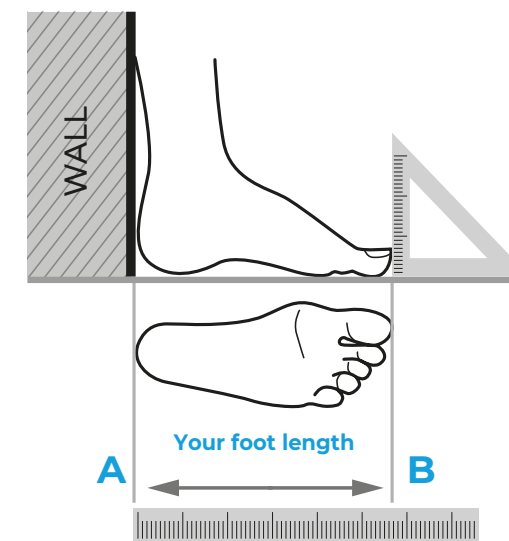




Footwear sizes

Size	Foot maximum length [cm]
35	23,2
36	23,8
37	24,5
38	25,2
39	25,8
40	26,5
41	27,1
42	27,8
43	28,5
44	29,1
45	29,8
46	30,4
47	31,1
48	31,8
49	32,4

* The given sizes have been averaged



Norms

Footwear with toe protection able to withstand impacts up to 200J

SB	Footwear meeting the basic requirements, including toe protection, oil resistance of soles
S1	Basic requirements + fully enclosed heel + anti-static properties + energy absorption in the heel part
S2	S1 + water permeability + water absorption
S3	S2 + puncture resistance + cleated outsole
S4	*Basic requirements include water resistance + antistatic properties + energy absorption in the heel part
S5	*As S4 + puncture resistance + cleated outer sole

* dotyczy obuwia całotworzowego z poliuretanu

Footwear without toe protection

0B	Basic requirements, e.g. abrasion resistance + one of the requirements for ready footwear
01	Basic requirements + enclosed heel + antistatic properties + energy absorption in the heel part
02	O1 + water permeability + water absorption
03	O2 + puncture resistance + cleated outer sole
04	*Basic requirements include water resistance + antistatic properties + energy absorption in the heel part
05	O4 + puncture resistance + cleated outer sole

* Applies to all-woven polyurethane footwear

Anti-slip properties

SRA	Slip resistant on ceramic tile covered with sodium lauryl sulphate (SLS)
SRB	Slip resistant on steel covered with glycerol
SRC	Slip resistant on both of the above-mentioned surfaces

Footwear with toe protection able to withstand impacts up to 200J

P	Puncture resistance
A	Anti-static footwear
CI	Bottom insulated from cold
HI	Bottom insulated from heat
E	Energy absorption in the heel part
M	Metatarsal protection
WRU	Water resistance and absorption
WG	Footwear meets the requirements specified for footwear used during welding
HRO	Resistance to hot substrates
FO	Resistance to fuel oil

PPO PP offers safety footwear which meets the requirements of the following standards:

PN-EN ISO 20345:

Safety footwear has components designed to protect from injuries that could occur during accidents. This kind of footwear needs to be fitted with toe caps designed to provide protection against impact during the 200J test, against compression during the test and against a compressive load of at least 15kN.

PN-EN ISO 20347:

The standard specifies the requirements for occupational footwear for occupational use, marked with the symbol „O“. Occupational footwear differs from safety footwear by the lack of a safety toecap protecting against impact and crushing.

PN-EN ISO 20349:

This standard specifies tests and requirements for footwear protecting against thermal hazards and molten metal splinters in foundries and during welding.

ESD safety footwear

ESD protection footwear meets the requirements of PN-EN 61340-5-1: 2017 for static electricity. Part 5-1: Protection of electronic devices against static electricity. General requirements

ESD means an electrostatic discharge - the equalisation of potential between two objects until an electrical equilibrium occurs. Such discharge often occurs in a fraction of a second, mainly in the form of a spark or arc of voltage.

The effects of ESD are widely known to everyone. These are discharges on the door handles or even sparking when removing clothes made of synthetic fibres. Charging with static electricity is a process during which, as a result of contact and subsequent separation of two surfaces, an electrical charge is generated, which in turn can cause damage to sensitive elements (microprocessors, hard drives, etc.).

Along with the technical and technological development of companies, combined with the great precision of the devices used and the activities performed, it becomes necessary to maximise the protection of production processes. The control of unwanted electrostatic charge is playing an increasingly important role. More and more employees are in contact with electrostatically sensitive production processes, materials and objects. ESD footwear prevents static generation when people walk and thus protects against damaging electrostatic discharges. In many cases, electrostatic discharge causes hidden defects, which only reveal themselves after some time under specific conditions as a defect or disturbance.

The electrical resistance of footwear according to EN 61340-5-1 is in the range of $7.5 \times 10^5 \Omega$ and $3.5 \times 10^7 \Omega$ ($0.75 \text{ M}\Omega$ to $35 \text{ M}\Omega$).

ESD footwear should be used if it is necessary to prevent the electrostatic charge of employees by discharging charges. It is used, among others, in the electronics, computer and automotive industries to prevent damage by electrostatic discharge when installing sensitive elements. Moreover, the growing number of chemical and pharmaceutical companies in potentially explosive atmospheres is paying more attention to the safety offered by ESD footwear.

PPO
SportyX-treme



PPO SPORTY X-TREME

PPO SportyX-treme

Microfibre uppers with nubuck trim

Skin-friendly, hygroscopic lining with activated carbon filter with antifungal, antiperspirant and antibacterial properties

Ergonomic, double-layered polyurethane PU/PU outer sole



The tread design prevents fluids from getting inside the shoe and does not allow for dirt build-up

PU/PU outer sole resistant to abrasion, stretching and hydrolysis



Lightweight fiberglass toecap

PPO SPORTY X-TREME

PPO

Sporty X-treme

The Sporty X-TREME Collection is a lightweight, comfortable and dynamic footwear designed for the most demanding users.

Stable sole and high quality uppers guarantee comfort, convenience and safety during work.

Ergonomic and based on the latest innovations, the collection is a response to the more demanding expectations of users.

The shoes are available in blue and purple.

Possible variants in green, yellow, grey or red as per customer's request.

PPO Sporty X-treme



SX2 Model

PN-EN ISO 20345, S1, P, SRC, ESD

- New **PU/PU** outer sole
- **Lightweight fiberglass toecap** and non-metallic anti-puncture liner
- Metal free
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various surfaces
- Upper construction and thermoregulatory fabric lining guarantee effective breathability
- Lightweight & flexible
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Functional hook-and-loop closure for a snug fit
- Available in sizes **35-49**



SX4 Model

PN-EN ISO 20345, S1, P, SRC, ESD

- New **PU/PU** outer sole
- **Lightweight fiberglass toecap** and non-metallic anti-puncture liner
- Metal free
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various surfaces
- Microfibre upper with nubuck finish
- Thermoregulatory fabric lining
- Bottom insulation from cold
- Lightweight & flexible
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Available in sizes **35-49**



Katowice

PPO safety footwear was awarded in the “Innovative Product & Technologies” competition in the „Improving Safety” category at the International Expo Trade Fair in Katowice.

The **Q6 model** from the Q-Premium collection and the **2048 model** from the PPO PU Boots collection won the first prizes

PPO
Q-Premium



PPO QUALITY PREMIUM

PPO

Q-Premium

Excellent heel and anti-twist protection due to customised shoe heel design

Smooth grain leather uppers with high water vapour permeability coefficient and reduced water absorption

Shockabsorber system in the sole absorbs and suppresses shocks during walking



The PU/PU outer sole is resistant to abrasion, stretching and hydrolysis



Protects against ESD effect
(PN-EN 61340-5-1:2017-01)

Matrix material on the toe extends
the durability of the boot

PPO QUALITY PREMIUM

PPO Q-Premium

The Quality Premium footwear is a lightweight, comfortable and dynamic collection designed for the most demanding users.

Stable sole and high quality uppers guarantee comfort, convenience and safety during work.

Ergonomic and based on the latest innovations, the collection is a response to more demanding user expectations.



Q2 Model

PN-EN ISO 20345, S3, SRC, ESD



Q4 Model

PN-EN ISO 20345, S3, CI, SRC, ESD

Q6 Model

PN-EN ISO 20345, S3, CI, SRC, ESD

- New **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Does not contain metals
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various substrates
- Hydrophobic nubuck leather uppers with high water vapour permeability coefficient
- Thermoregulatory fabric lining
- Bottom insulated from cold
- Lightweight and flexible
- Anti-twist design protecting the ankle
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Available in sizes **39-49**



A new standard of safety and comfort

Properties of footwear with the new PU/PU Q-Premium sole:

- Stable and well cushioned
- Provides protection in various conditions of use
- Metal free
- The whole collection protects against the ESD effect
- Tread heat resistant - short-term contact up to 180°C

PPO
Q-Premium



Q2 LG Model

PN-EN ISO 20345, S3, SRC, ESD

- New **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Metal free
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various surfaces
- Upper construction and thermoregulatory fabric lining guarantee effective breathability
- Lightweight & flexible
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Functional hook-and-loop closure for a snug fit
- Available in sizes **39-49**



Q4 LG Model

PN-EN ISO 20345, S3, CI, SRC, ESD

- New **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Metal free
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various surfaces
- High-quality smooth grain leather uppers with reduced water absorption and high water vapour permeability coefficient
- Thermoregulatory fabric lining
- Bottom insulated from cold
- Lightweight & flexible
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Available in sizes **39-49**



Q6 LG Model

PN-EN ISO 20345, S3, CI, SRC, ESD

- New **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Metal free
- Very good anti-slip properties – **SRC CLASS**
- Tread design prevents the aquaplaning phenomenon and provides stability on various surfaces
- High-quality smooth grain leather uppers with reduced water absorption and high water vapour permeability coefficient
- Thermoregulatory fabric lining
- Bottom insulation from cold
- Lightweight & flexible
- Very good hygienic properties
- **ESD** protection
- Soft, comfortable lining with activated carbon filter with anti-sweat and anti-fungal properties
- Anti-twist design for better ankle protection
- Available in sizes **39-49**

PRO
Sporty line



PPO SPORTY LINE

PPO
Sporty line

Anti-bacterial, moisture wicking Coolmax® lining guarantees dry feet

High-quality nubuck leather uppers with a high water vapor permeability coefficient

Durable and sturdy PU/PU outer sole effectively relieves pressures on uneven surfaces

High-quality materials and perforation ensure very good breathability and hygienic properties

Step Lock® and Traction Grid® systems ensure high sole stability and anti slip protection

Composite toecap and non-metallic anti-puncture liner

PPO SPORTY LINE

PRO *Sporty line*

Lightweight PPO Sporty Line Safety Footwear Collection

This collection was designed to guarantee comfort, safety and hygienic properties of footwear. Developed in the sporty fashion, the uppers and lightweight sole, in addition to ensuring the protection, allowed us to meet the aesthetic expectations of our clients.



PPO Sporty line



501 Model

PN-EN ISO 20345, S1, P, SRC

- **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Does not contain metals
- Fastening system - elastic band and hook-and-loop fasteners allow for optimal fit to the foot's width
- Protects against slipping - **SRC class**
- Traction Grid and Step Lock systems ensure high stability of the sole
- Velour leather uppers with high water vapour permeability coefficient
- Coolmax® antibacterial lining
- Lightweight, sporty design
- Very good breathability and hygienic properties
- Anti-electrostatic
- Active carbon filter lining with antiperspirant and antifungal properties
- Available in sizes 36-48

Properties of footwear with the PU/PU sole:

- Lightweight & flexible
- Metal free
- Sporty design
- Lightweight composite toecap
- Thanks to the Traction Grid and Step Lock systems, it has very good anti-slip properties
- Resistant to oils, gasoline and organic solvents
- Resistant to temperatures up to 180°C (short term contact)
- Assembly system – direct two-stage polyurethane injection
- Collection available in sizes 39-48 (*models: 501, 502 and 503 available in sizes 36-48)

PRO
Sporty line



502 Model

PN-EN ISO 20345, S1, P, SRC

- **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Traction Grid** and **Step Lock** systems provide high sole stability
- **Perforated nubuck leather uppers** with high water vapour permeability coefficient
- **Coolmax®** antibacterial lining with thermoregulatory properties
- Lightweight, sporty design
- Very good breathability and hygienic properties
- Anti-electrostatic
- Lining with activated carbon filter with antiperspirant and antifungal properties
- Available in sizes **36-48**



503 Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Lightweight composite toecap
- Metal free
- **SRC CLASS** anti-slip protection
- Traction Grid and Step Lock systems provide high sole stability
- Nubuck leather and **onDura®** uppers provide very good breathability while protecting against powdery materials getting inside the shoe
- **Coolmax®** antibacterial lining with thermoregulatory properties
- Lightweight, sporty design
- Very good breathability and hygienic properties
- Anti-electrostatic
- Lining with activated carbon filter with antiperspirant and antifungal properties
- Available in sizes **36-48**



504 Model

PN-EN ISO 20345, S3, SRC

- **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Traction Grid** and **Step Lock** systems provide high sole stability
- Smooth grain leather uppers with reduced water absorption and high permeability coefficient water vapor
- **Coolmax®** antibacterial lining with thermoregulatory properties
- Lightweight, sporty design
- Very good hygienic properties
- Anti-electrostatic
- Lining with activated carbon filter with antiperspirant and antifungal properties
- Available in sizes **39-48**

PPO
Lime line



PPO **LIME LINE**

PPO *Lime line*

Abrasion-resistant soft microfibre uppers

Breathable 3D Solar Spezial® mesh lining guarantees a very good air permeability,

The sole does not scratch the surface, is resistant to oils, gasoline and other organic solvents

PU/TPU double-layer outer sole - transparent, thermoplastic polyurethane tread and a PU foam midsole

SRC Class anti-slip protection

Metal toecap and non-metallic anti-puncture liner

PPO LIME LINE

PPO Lime line

Comfortable PPO Lime Line footwear collection with metal toecap and non-metallic anti-puncture liner.
Perfect performance on smooth production hall surfaces.



Properties of footwear with the PU/TPU outer sole:

- Does not scratch the surface
- Perfect for working on smooth floor surfaces
- High abrasion and cutting resistance
- Resistant to oils, gasoline and other organic solvents and temperature up to 120°C (short-lasting contact)
- Waterproof soles
- The design of the outer sole protects the leather in the toe area
- Shock absorber in the heel area and protects the leg from twisting
- Not recommended for work on snow and ice
- Assembly system – direct injection of polyurethane and thermoplastic polyurethane
- Available in sizes 39-47



681 Model

PN-EN ISO 20345, S1, P, SRC

- **PU/TPU** outer sole
- Steel toecap
- Non-metallic anti-puncture liner
- Very good anti-slip properties – **SRC CLASS**
- Soft, **microfiber leather uppers** with velour texture, high breathability and abrasion resistance
- **3D-structured Solar Spezial®** mesh lining guarantees good air permeability and water vapor drainage
- Very good breathability and hygienic properties
- Functional hook-and-loop fastening allows for optimal fit
- Anti-electrostatic
- Soft, comfortable, skin-friendly, hygroscopic and anti-sweat **Air Plus** padding with shock absorber in heel area
- Available in sizes **39-47**



684 Model

PN-EN ISO 20345, S1, P, SRC

- **PU/TPU** outer sole
- Steel toecap
- Non-metallic anti-puncture liner
- Very good anti-slip properties – **SRC CLASS**
- Soft, **microfiber leather uppers** with velour texture, high breathability and abrasion resistance
- **3D-structured Solar Spezial®** mesh lining guarantees good air permeability and water vapor drainage
- The design prevents powdered materials from getting inside the shoe
- Very good breathability and hygienic properties
- Anti-electrostatic
- Soft, comfortable, skin-friendly, hygroscopic and anti-sweat **Air Plus** padding with shock absorber in heel area
- Available in sizes 39-47



SAWO

The **Q-Premium** collection won the „Gold Medal” of the MTP Group and the „SAWO 2022 Grand Prix” in the category of personal/ collective protective equipment at the SAWO International Fair of Work Protection, Fire-Fighting and Rescue Equipment in Poznań

PPO
PU/TPU series



PPO **PU/TPU series**

PPO

PU/TPU series

Collar and tongue
finished with soft foam

Lining made of non-woven footwear fibres
with high water vapour permeability and
abrasion resistance

Upper of nubuck and velour leather with
a high water vapour permeability coefficient,
with breathable inserts

Double-layer outer sole (PU/TPU) especially
recommended for use on smooth surfaces
of modern production halls

Energy absorption in the heel part

The texture of the sole tip additionally protects
against slipping when working on sloping
surfaces

PPO PU/TPU series

PPO

PU/TPU series

PU/TPU outer sole footwear is produced by two-stage injection of polyurethane (PU) and thermoplastic polyurethane (TPU). TPU is a unique form of polyurethane. It combines the properties of polyurethane and rubber and this way, it does not scratch the surface, has excellent anti-slip properties, is resistant to abrasion and cutting while still being lightweight and flexible.

PU/TPU outer sole footwear can be used at a variety of different work stations, guaranteeing users the highest comfort and safety.



PPO PU/TPU series



52N Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Nubuck leather and velour uppers with high water vapour permeability - 15 times higher than standard requirements
- Very good hygienic properties
- Anti-electrostatic
- Comfort liner with high hygroscopic properties
- Does not scratch the surface
- **Shock absorber** in heel area
- Sole design protects the leather of the footwear on the toe
- Lining made of highly breathable and abrasion resistant material
- Available in sizes **39-47**

Properties of footwear with the PU/TPU outer sole:

- Does not scratch the surface
- Ideal for working on smooth floor surfaces
- High abrasion and cutting resistance
- Resistant to oils, gasoline and organic solvents
- Resistant to temperatures up to 120°C in short term contact
- Waterproof soles
- Shock absorbent in the heel area and protects the leg from twisting
- Not recommended for use on ice and snow
- Assembly system – direct injection of polyurethane and thermoplastic polyurethane

PPO
PU/TPU series



62N Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- SRC CLASS anti-slip protection
- **Nubuck leather and velour uppers** with high water vapor permeability coefficient - 15 times higher than the requirements of the standard, with breathable inserts
- Very good hygienic properties
- Anti-electrostatic
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- **Shock absorber** in heel area
- The texture of the sole front tip additionally protects against slipping when working on sloping surfaces
- Available in sizes **39-47**



72N Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- **Nubuck leather and velour uppers** with high water vapor permeability coefficient - 15 times higher than the requirements of the standard, with breathable inserts
- **EasyRoller** quick lace system
- Very good hygienic properties
- Anti-electrostatic
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- **Shock absorber** in heel area
- Perfectly "holds" the ankle and protects the leg from twisting
- Available in sizes **39-47**



52 Model

PN-EN ISO 20345, S1, SRC

- PU/TPU outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- **Silicone free**
- **Smooth grain leather uppers** with high water vapour permeability coefficient
- Very good hygienic properties
- Anti-electrostatic
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- Sole design protects the leather of the footwear on the toe
- Lining made of highly breathable and resistant to abrasion materials
- Available in sizes **39-47**



0391 Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Perforated uppers made of **smooth grain leather** with a high water vapour permeability coefficient
- Very good hygienic properties
- Anti-electrostatic
- Lining with activated carbon filter with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-47**

Also available:

0381 Model PN-EN ISO 20347, O1, FO, SRC

- No toecap



055 Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Embossed grain leather uppers with inserts made of reflective and **Airnet®** material with 3D structure and air cells for optimal transpiration and maximum air circulation, high comfort of use
- Very good hygienic properties
- Anti-electrostatic
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- Particularly recommended for summer work and in rooms with elevated temperature
- Available in sizes **39-47**



62 Model

PN-EN ISO 20345, S2, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Smooth grain leather uppers with reduced water absorption and high permeability coefficient with breathable material inserts
- Very good hygienic properties
- Anti-electrostatic
- Comfort liner with high hygroscopicity
- Does not scratch the surface
- **Shock absorber** in heel area
- The texture of the sole tip additionally protects against slipping during work on sloping surfaces
- High-permeability non-woven shoe lining water vapour and abrasion resistance
- Available in sizes **39-47**



72 Model

PN-EN ISO 20345, S2, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Smooth grain leather uppers with reduced water absorption and high permeability coefficient and with breathable material inserts
- **EasyRoller** quick lace system
- Very good hygienic properties
- Anti-electrostatic
- **Comfort** liner with highly hygroscopic properties
- Does not scratch the surface
- **Shock absorber** in heel area
- The texture of the sole tip additionally protects against slipping during work on sloping surfaces
- Non-woven shoe lining with high water vapour permeability and abrasion resistance
- Available in sizes **39-49**



015 Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- **Natural leather uppers**
- Very good hygienic properties
- Anti-electrostatic
- The design of the shoe with an elevated upper perfectly holds the leg and protects the ankle from twisting
- **Comfort** liner with highly hygroscopic properties
- Does not scratch the surface
- Lining made of highly breathable and abrasion resistant materials
- Available in sizes **39-47**



016 Model

PN-EN ISO 20347, O1, FO, SRC

- **PU/TPU** outer sole
- No toecap
- **SRC CLASS** anti-slip protection
- **Natural leather uppers**
- Very good hygienic properties
- Anti-electrostatic
- The design of the shoe with an elevated upper perfectly holds the leg and protects the ankle from twisting
- **Comfort** liner with highly hygroscopic properties
- Does not scratch the surface
- Lining made of highly breathable and abrasion resistant materials
- Available in sizes **39-47**

PPO
ESD



PPO ESD

PPO

ESD

Coolmax® lining with thermoregulatory effect. Effectively wicks away moisture and dries quickly

Abrasion-resistant, soft, velour microfibre uppers

Protects against ESD effect in accordance with the PN-EN 61340-5-1:2017-01 norm, has anti-electrostatic properties

Double-layer PU/TPU outer sole with SRC class anti-slip protection, does not scratch the surface, absorbs energy in the heel part

Resistant to abrasion, cuts and cracking

Metal toecap protects against impacts with energy up to 200J

PPO ESD



PPO ESD - PU/TPU ESD protection footwear

ESD stands for Electro Static Discharge – equalisation of potentials between two objects until an electrical equilibrium is created. Such a discharge often occurs in fractions of a second, most often in the form of a spark or arc of voltage. The effects of ESD are widely known to everyone. These are discharges on the door handles or even sparks when taking off clothes made of synthetic fibres. The electrical resistance of footwear in accordance with EN 61340-5-1 lies in the range of $7.5 \times 10^5 \Omega$ and $3.5 \times 10^7 \Omega$.

ESD footwear should be used if it is necessary to prevent the worker from discharging electrostatic charge. It is used, among others, in the electronics, computer and car industries in order to prevent damage through electrostatic discharges when installing sensitive elements. An increasing number of chemical and pharmaceutical companies operating in potentially explosive atmospheres are also focusing on greater safety offered by ESD footwear.



601 Model (male)

PN-EN ISO 20345, S1, SRC, ESD

- **PU/TPU** outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Soft, **microfibre uppers with velour structure**, high breathability and resistance to abrasion
- **Coolmax®** antibacterial lining with thermoregulatory properties
- Shoe structure provides very good breathability and hygienic properties
- Metal buckle fastening
- Anti-electrostatic
- Protects against **ESD** in accordance with the **PN-EN 61340-5-1:2017** norm
- Discharging properties
- Lining with activated carbon filter with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-47**





651 Model (damski)
PN-EN ISO 20345, S1, SRC, ESD

- PU/TPU outer sole
- Steel toecap
- **SRC CLASS** anti-slip protection
- Soft, microfibre uppers with a velour structure and high breathability and abrasion resistance
- **Coolmax®** antibacterial lining with thermoregulatory properties
- Shoe structure provides very good breathability and hygienic properties
- Metal buckle fastening
- Anti-electrostatic
- Protects against **ESD** in accordance with the **PN-EN 61340-5-1:2017** norm
- Discharging properties
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Does not scratch the surface
- Designed to fit anatomical shape of the female foot
- Available in sizes **36-42**



701 Model
PN-EN ISO 20345, S1, SRC, ESD

- Specifically designed **PU/TPU** outer sole protects the front part of the upper
- **AirTec** perforated composite toecap
- Metal free
- **SRC CLASS** anti-slip protection
- **Nubuck leather uppers** with high permeability coefficient
- Very good hygienic properties
- Has discharging properties
- Protects against **ESD** in accordance with the **PN-EN 61340-5-1:2017** norm
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-47**



703 Model
PN-EN ISO 20345, S1, SRC, ESD

- Specifically designed **PU/TPU** outer sole protects the front part of the upper
- **AirTec** perforated composite toecap
- Metal free
- **SRC CLASS** anti-slip protection
- **Nubuck leather uppers** with high permeability coefficient
- Very good hygienic properties
- Has discharging properties
- Protects against **ESD** in accordance with the **PN-EN 61340-5-1:2017** norm
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-47**

PPO
COMPOSITE



PPO COMPOSITE

PPO COMPOSITE

Super Royal® lining guarantees
a feeling of dryness and comfort

Velour tongue filled
with soft, latex foam

PU/TPU outer sole retaining
bendability and flexibility also
at low temperatures

Velour leather and nubuck uppers
with high water vapour
permeability coefficient

Anti-electrostatic, lightweight,
sturdy and durable

AirTec® perforated composite toecap protects
against impacts with energy up to 200J

PPO COMPOSITE

PPO COMPOSITE

Distinctive features of the collection:

- Non-metallic – does not contain metal and is nonmagnetic
- AirTec® composite toecaps – nonmagnetic with high elasticity, thermo- and electrically insulating, with air cells allowing the foot to breathe easily
- Non-metallic anti-puncture inserts – anti-static, metal-free material that protects against punctures, lighter than steel, perfectly insulates against heat and cold, highly flexible and comfortable
- Shaped heel area protects heel and leg from twisting
- Not recommended for use on ice and snow



PPO Composite



704 Model

PN-EN ISO 20345, S1, SRC

- The design of **PU/TPU** outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Does not contain metals
- **SRC CLASS** anti-slip protection
- **Velour leather uppers** with high water vapour permeability coefficient
- Very good hygienic properties
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-47**



705 Model

PN-EN ISO 20345, S3, CI, HI, SRC

- The specific design of PU/TPU outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Smooth grain leather uppers** with reduced water absorption and high water vapour permeability coefficient
- Thermoregulatory lining to wick away sweat and provide a feeling of dryness and comfort
- With reflective elements and additional **Matrix** heel protection
- Very good hygienic properties
- Anti-electrostatic
- Thermal insulation from heat and cold
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-48**



706 Model

PN-EN ISO 20345, S3, SRC

- The specific design of **PU/TPU** outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Smooth grain leather uppers** with reduced water absorption and high water vapour permeability coefficient
- Thermoregulatory lining to wick away sweat and provide a feeling of dryness and comfort
- With additional **Matrix** heel protection
- Very good hygienic properties
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Reflective trimming
- Does not scratch the surface
- Available in sizes **39-49**



707 Model

PN-EN ISO 20345, S3, CI, HI, SRC

- The design of **PU/TPU** outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Smooth grain leather uppers** with reduced water absorption and high water vapour permeability coefficient
- With reflective trimming
- Very good hygienic properties
- Anti-electrostatic
- Thermal insulation from heat and cold
- **Comfort** liner with high hygroscopic properties
- Does not scratch the surface
- Available in sizes **39-48**



757 Model

PN-EN ISO 20345, S3, CI, SRC

- The specific design of **PU/TPU** outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Smooth grain leather uppers** with reduced water absorption and high water vapour permeability coefficient
- Thermoregulatory lining to wick away sweat and provide a feeling of dryness and comfort
- With reflective elements and additional **Matrix** heel protection
- Very good hygienic properties
- Anti-electrostatic
- Thermal insulation from heat and cold
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Does not scratch the surface
- Available in sizes **39-48**



0158 Model

PN-EN ISO 20345, S3, CI, SRC

- The specific design of **PU/TPU** outer sole protects the front leather upper
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Smooth grain leather uppers** with reduced water absorption and high water vapour permeability coefficient
- **Super Royal®** with excellent water vapour permeability and resistance to abrasion
- Bottom insulated from cold
- Very good hygienic properties
- Anti-electrostatic
- **Active carbon filter** lining
- Upper construction prevents sprains
- Available in sizes **39-48**



Opole Quality Award 2022

PPO Przedsiębiorstwo Państwowe was the winner of the 19th edition of the Opole Quality Award 2022 competition organised by the Opole Chamber of Commerce

PPO
Winter



PPO WINTER

PPO *Winter*



Insulated lining based on natural wool

Collar filled with soft foam

Double-layer PU/PU Polyurethane sole, resistant to oils, gasoline and other organic solvents



Non-metallic, anti-puncture liner

Absorbs energy in the heel part, protects against slipping in the SRC CLASS

Additional protection for the toe of the shoe

PPO WINTER

Distinctive features of the collection:

- Stable PU/PU sole resistant to oils, gasoline and organic solvents
- The sole and the polyurethane system perfectly protect against slipping in the SRC class, also in winter conditions
- High flexibility and bendability even at low temperatures
- The design of the sole protects the leather of the footwear in its front part
- Energy absorption in the heel part



758 Model (insulated)
PN-EN ISO 20345, S3, CI, SRC

- Specifically designed **PU/PU** outsole protects the leather of the upper in its front part
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Does not contain metals
- **SRC CLASS** anti-slip protection
- **Embossed grain leather uppers** with reduced water absorption and high water vapour permeability
- Insulated lining based on natural wool
- Perfectly insulates and protects the feet against frost
- Reflective trimming in the collar ensures better visibility of the employee and safety at work
- Absorbs energy in the heel
- Sturdy and durable, effectively relieve pressure on uneven ground
- Insulated non-woven lining protects the bottom from cold
- Anti-electrostatic
- Available in sizes **39-48**



0157 Model (insulated)
PN-EN ISO 20345, S3, CI, SRC

- Specially designed **PU/PU** outer sole protects the leather of the upper in its front part
- **AirTec** perforated composite toecap
- Non-metallic, anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Embossed grain leather uppers** with reduced water absorption
- Insulated lining **based on natural wool**
- Perfectly insulates and protects the feet against frost
- Anti-electrostatic
- Elevated upper shoe construction
- High stability of the sole
- Flexibility and bendability even at low temperatures
- Insulated non-woven lining protects the bottom from cold
- Available in sizes **39-48**



0154 Model (insulated)
PN-EN ISO 20345, S3, CI, SRC

- **PU/PU** outer sole
- Metal toecap
- Metal anti-puncture liner
- **SRC CLASS** anti-slip protection
- Two-stage **Shockabsorber**
- **Grain leather uppers** with reduced water absorption
- Deep tread and parabolic heel guarantee excellent stability
- Warm and anti-electrostatic
- Insulates from cold
- Insulated lining protects the bottom from cold
- Available in sizes **39-48**

0151 Model PN-EN ISO 20345, S1, CI, SRC

- Without anti-puncture liner

0161 Model PN-EN ISO 20347, O1, CI, FO, SRC

- No anti-puncture liner and no toecap



031 Model (insulated)
PN-EN ISO 20347, O1, CI, FO, SRC

- **PU/PU** outer sole
- No toecap
- **SRC CLASS** anti-slip protection
- Two-stage **Shockabsorber**
- Natural leather uppers
- Deep tread and parabolic heel guarantee excellent stability
- Warm and anti-electrostatic
- Insulated lining protects the bottom from cold
- Warm lining
- Available in sizes **36-48**



1413 Model (insulated)
PN-EN ISO 20345, S1, CI, SRC

- **PU/PU** outer sole
- Metal toecap
- **SRC CLASS** anti-slip protection
- Two-stage **Shockabsorber**
- **Grain leather uppers**
- Deep tread and parabolic heel guarantee excellent stability
- Warm and anti-electrostatic
- Insulates from cold
- Insulated lining protects the bottom from cold
- Available in sizes **39-48**

PPO
PU/Guma series



PPO PU/GUMA series

PPO

PU/Guma series

Upper part of the upper finished with leg-friendly protective collar, filled with foam latex

Embossed grain leather uppers with reduced water absorption

Foamed polyurethane inner layer makes the footwear lightweight, flexible and effectively relieves surface unevenness

PU/Rubber outer sole resistant to oils, gasoline and other organic solvents

At the point of contact with surface - a rubber layer, characterised by high resistance to abrasion and cutting, diluted solutions of acids and bases (30% H_2SO_4 and 20% NaOH) and a temperature in short-term contact up to 300°C

Metal tray and metal anti-puncture liner

PPO PU/GUMA series



Features of the shoes on the new PU/Rubber sole:

- Suitable for harsh working conditions
- Tread resistant to oils, gasoline, dilute solutions of acids and bases and temperature up to 300°C in short-term contact
- Unique tread pattern and positioning of the cut-out lugs ensure maximum grip, and its multi-directional arrangement guarantees high stability of the shoe
- Absorbs energy in the heel part, protecting the skeletal system from excessive loads
- Guarantees high comfort of use
- Lightweight, flexible, effectively eliminates pressures of uneven ground
- Waterproof from the ground
- PU/Rubber system ensures its sturdiness and durability

PPO
PU/Guma series



0373 Model

PN-EN ISO 20345, S3, HRO, SRC

- **PU /Rubber** outer sole
- Metal Toecap
- Metal anti-puncture liner
- Protects against slipping in the **SRC CLASS**
- Self-cleaning tread
- **Grain leather uppers** with reduced water absorption
- Tread resistant to temperature of **300°C** in short-term contact
- Tread resistant to oil, gasoline and diluted solutions acids and bases.
- High resistance to abrasion, cracking and tearing
- Anti-electrostatic
- **Comfort** liner with high hygroscopic properties
- Suitable for harsh working conditions
- Available in sizes **39-48**

037 Model PN-EN ISO 20345, S1, HRO, SRC

- Without anti-puncture liner



443 Model (for welding work)

PN-EN ISO 20345, S3, HRO, SRC

- **PU /Rubber** outer sole
- With metal toecap and metal anti-puncture liner
- Protects against slipping in the **SRC CLASS**
- Heat resistant grain leather uppers
- Shoe upper resistant to fine splashes, molten metal, flame and high temperature up to **180°C**
- Upper design prevents spatter from getting in to the inside of the shoe
- Sewn with high thermally and mechanically resistant **Kevlar** threads
- **Secure buckle** allows you to quickly unfasten the strap and footwear
- Tread resistant to temperature **300°C** in short term contact
- High resistance to abrasion, cracking and tearing
- Anti-electrostatic
- **Removable lining** with high hygroscopic properties
- Recommended for use in harsh working conditions
- Available in sizes: **39-48**



444 Model (for welders)

PN-EN ISO 20349, S3, WG, HRO, SRC

- **PU /Rubber** outer sole
- With metal toecap and metal anti-puncture liner
- Protects against slipping in the **SRC CLASS**
- Heat resistant grain leather uppers
- Shoe upper resistant to fine splashes, molten metal, flame and high temperature up to **180°C**
- Upper design prevents spatter from getting in to the inside of the shoe
- Sewn with high thermally and mechanically resistant **Kevlar** threads
- **Hook and loop** fastening
- Tread resistant to temperature **300°C** in short term contact
- High resistance to abrasion, cracking and tearing
- Anti-electrostatic
- **Removable lining** with high hygroscopic properties
- Recommended for use in harsh working conditions
- Available in sizes: 39-48



We support the local community



MKS STRZELCE OPOLSKIE BASKET



OSP SPÓROK



PIAST STRZELCE OPOLSKIE



POWIATOWE CENTRUM KULTURY



PSP STRZELCE OPOLSKIE



STOWARZYSZENIE KAMYKI

PPO
parabolic



PPO PARABOLIC



Lining with high water vapour permeability effectively wicks away moisture

Upper of smooth cattle grain leather with reduced water absorption

Sole mold and deep tread guarantees excellent stability



Two-layer polyurethane sole resistant to oils, greases, gasoline and other organic solvents



Two-stage Shockabsorber absorbs energy in the heel area and parabolic heel guarantees comfort while walking

Metal toecap edges softened by PU foam

PPO PARABOLIC

Features of PU/PU sole shoes:

- Specific form of outer sole and deep tread guarantee its high stability
- Specially shaped parabolic heel ensures good grip and walking comfort and protects the leg from twisting
- Two-stage Shockabsorber
- Resistant to oils, gasoline and other organic solvents
- Resistant to temperatures up to 180°C in short-term contact
- Assembly system – direct two-stage polyurethane injection
- Available in sizes 39-48



41 Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- Embossed grain leather uppers with perforations
- Deep tread and parabolic heel ensure high shoe stability
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **39-48**

Version:

40 Model PN-EN ISO 20347, O1, FO, SRC

- Without toecap



41W Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- **Velour leather uppers** with perforations and high vapour permeability
- Deep tread and parabolic heel ensure high shoe stability
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Buckle fastening**
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **39-48**



45 Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- **Velour leather uppers** with perforations and high vapour permeability
- Lace-up fastening system ensures optimum fit
- Deep tread and parabolic heel ensure high shoe stability
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **39-48**



331 Model

PN-EN ISO 20345, S2, SRC

- **PU/PU** outer sole
- Metal toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- **Smooth grain leather uppers** with perforations and high vapour permeability
- Leather lining
- Deep tread and parabolic heel ensure high shoe stability
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Comfort** lining
- Available in sizes 39-48

333 Model PN-EN ISO 20347, 02, FO, SRC

- No toecap and no anti-puncture liner



Model 38

PN-EN ISO 20347, O2, FO, SRC

- **PU/PU** outer sole
- No toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- **Smooth grain leather uppers** with reduced water absorption and high vapour permeability
- Deep tread and parabolic heel ensure high shoe stability
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **39-48**



Model 123

PN-EN ISO 20347, O1, FO, SRC

- **PU/PU** outer sole
- No toecap
- Protects against slipping in the **SRC CLASS**
- **Leather uppers** with reduced water absorption and high vapour permeability
- Lightweight, flexible
- Anti-electrostatic
- **Removable liner**
- Available in sizes **39-48**



Model 884

PN EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal toecap
- Protects against slipping in the **SRC CLASS**
- Two-stage **Shockabsorber**
- Leather uppers
- Deep tread and parabolic heel ensure high shoe stability
- Anti-electrostatic
- **Removable liner**
- Available in sizes **39-48**



REHABILITATION THROUGH WORK

- We are implementing a joint project of the Ministry of Justice and the Prison Service „Work for Prisoners”
- Inmates make up 61% of the workforce
- They work at all stages of production, from cutting, sewing, assembly, to shoe finishing
- This is a step away from the prison life and brings them financial benefits.



PPO
for safety



PPO FOR SAFETY

PPO
for safety

Upper part of the embossed grain leather upper with a skin-friendly protective collar

Vamp lining made of Ibiline fabric and lining instep made of Super Royal® material guarantee good hygiene properties

Double-layer PU/PU polyurethane sole is resistant to oils, gasoline, other solvents organic and temperatures up to 180°C in short-term contact

Non-metallic anti-puncture liner protects against piercing from the ground with a force of up to 1100N

SRC Class anti-slip protection outer sole and shaped heel additionally protects the leg from twisting

Metal toecap protects against impacts with energy up to 200J

PPO FOR SAFETY



Properties of footwear on the PUPU sole:

- The texture of the sole makes them lightweight and dynamic
- Features self-cleaning tread
- Absorbs energy in the heel and metatarsal areas
- Protects against slipping in the SRC CLASS
- Resistant to oils, gasoline and other organic solvents and temperatures up to 180°C in short term contact
- Waterproof from the ground
- Assembly system – direct two-stage polyurethane injection
- Available in sizes 39-48

PPO
for safety



363 Model

PN-EN ISO 20345, S3, SRC

- PU/PU outer sole
- Metal Toecap
- Non-metallic, antimicrobial liner
- Protects against slipping in the **SRC CLASS**
- Self-cleaning tread
- **Uppers made of embossed grain leather** with reduced water absorption
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Comfort** liner with high hygroscopic properties
- Available in sizes **39-48**



306 Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal Toecap
- Protects against slipping in the **SRC CLASS**
- Self-cleaning tread
- **Uppers made of embossed grain leather** with breathable **Cordura®** inserts
- Very good hygienic properties of footwear
- Anti-electrostatic
- Lightweight & flexible
- **Comfort** liner with high hygroscopic properties
- Available in sizes **39-48**

Versions:

361 Model PN-EN ISO 20345, S1, P, SRC

- With non-metallic, anti-puncture liner

305 Model PN-EN ISO 20347, O1, FO, SRC

- Without toecap



317 Model

PN-EN ISO 20345, S1, SRC

- **PU/PU** outer sole
- Metal Toecap
- Protects against slipping in the **SRC CLASS**
- Self-cleaning tread
- **Uppers made of embossed grain leather**
- Very good hygienic properties of footwear
- Anti-electrostatic
- Lightweight & flexible
- **Comfort** liner with high hygroscopic properties
- Available in sizes **39-48**

Versions:

318 Model PN-EN ISO 20347, O1, FO, SRC

- Without toecap



COMPANIES WHICH TRUSTED US IN 2022



ADAMIETZ

PPO
White



PPO **WHITE**

PPO
White

Soft microfibre uppers
with reduced water absorption, high
breathability and abrasion resistance

Hook & loop fastening
allows for optimal fit

The sole is resistant to oils, greases,
petrol and other organic solvents,
as well as temperatures up to 180°C
in the short term contact



The shape of the sole and deep tread guarantee
high stability, and the parabolic heel protects the
leg from twisting

Double-layer PU/PU sole
with SRC anti-slip properties

Metal toecap protects against
impacts with energy up to 200J

PPO WHITE

Distinctive features of the collection:

- The shape of sole and deep protector guarantee high stability
- Two-stage Shockabsorber
- SRC CLASS anti-slip protection
- Resistance to oils, gasoline and organic solvents
- Temperature resistance up to 180 °C in short-term contact
- Specially shaped parabolic heel ensures stability and comfort of walking and protects the leg from twisting



201 Model

PN-EN ISO 20345, S1, SRC

- Stable **PU/PU** outer sole
- Metal Toecap
- **SRC CLASS** anti-slip protection
- **Upper made of soft, skin-friendly high-tech microfiber** with reduced water absorption, high breathability and abrasion resistance
- Lining with very good hygienic properties
- **Hook and loop** adjustment for optimum fit of footwear
- Very good ventilation and hygienic properties of shoes
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Deep tread and parabolic heel ensure high shoe stability
- Two-stage **Shockabsorber**
- Available in sizes **36-48**



02 Model

PN-EN ISO 20347, O1, FO, SRC

- Stable **PU/PU** outer sole
- Without toecap
- **SRC CLASS** anti-slip protection
- **Embossed grain leather uppers**
- Very good hygienic properties of shoes
- Anti-electrostatic
- **Comfort** liner with high hygroscopic properties
- Deep tread and parabolic heel ensure high shoe stability
- Two-stage **Shockabsorber**
- Available in sizes **36-48**





204 Model

PN-EN ISO 20345, S2, SRC

- Stable **PU/PU** outer sole
- Metal Toecap
- **SRC CLASS** anti-slip protection
- **Upholstery made of soft, friendly leather technically advanced microfiber** with reduced water absorption, high breathability and resistance to abrasions
- Lining with very good hygienic properties
- Very good hygienic properties of footwear
- Anti-electrostatic
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Deep tread and parabolic heel ensure high shoe stability
- Two-stage **Shockabsorber**
- Available in sizes **36-48**



205 Model

PN-EN ISO 20345, S2, SRC

- Stable **PU/PU** outer sole
- Metal Toecap
- **SRC CLASS** anti-slip protection
- **Uppers made of soft, friendly leather technically advanced microfiber** with reduced water absorption, high breathability and resistance to abrasions
- Lining with very good hygienic properties
- High upper holds the ankle well
- Anti-electrostatic
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Deep tread and parabolic heel ensure high shoe stability
- Two-stage **Shockabsorber**
- Available in sizes **36-48**



03 Model

PN-EN ISO 20347, O1, FO, SRC

- Stable **PU/PU** outer sole
- Without toecap
- **SRC CLASS** anti-slip protection
- Embossed grain leather uppers
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Comfort** liner with high hygroscopicity
- Deep tread and parabolic heel ensure high shoe stability
- Two-stage **Shockabsorber**
- Available in sizes **36-48**

PPO
Women



PPO WOMEN

PPO

Women

3D Solar Spezial mesh lining
guarantees excellent breathability

Velour leather uppers
with a high permeability
rate

PU/TPU dual-layer sole:
solid thermo-polyurethane tread
and cellular PU foam midsole



The sole is resistant to oil, gasoline and
other organic solvents, does not scratch
the surface

Lightweight and stretchy outer sole
with SRC CLASS anti-slip protection

High positioned toecap protects
against impacts with energy up to
200J and provides more space
inside the shoe

PPO WOMEN



Properties of women's PU/TPU footwear:

- Lightweight, flexible
- Adjusted to the anatomical shape of the female foot
- SRC CLASS anti-slip protection
- Absorbs energy in the heel
- Resistant to oils, gasoline and organic solvents
- Adjusted to female foot width

PPO
Women



281 Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- New, higher positioned metal toecap
- **Velour leather uppers** with high water vapour permeability coefficient
- 3D-structured **Solar Spezial® mesh** lining guarantees good air permeability excellent extraction of moisture
- Lining with **activated carbon filter** with antiperspirant and antifungal properties
- Lightweight & flexible
- Very good breathability
- Anti-electrostatic
- High-quality materials ensure good hygienic properties
- Stable heel counter and soft upper finish ensures that the shoe is comfortable and provides stability
- Available in sizes **36-42**



251W Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Velour leather uppers with high water vapour permeability coefficient
- Vamp lining – Ibiline non-woven fabric, instep – **Super Royal®** non woven, fibre materials with good water vapour permeability
- Very good breathability and hygienic properties
- Anti-electrostatic
- Lightweight & flexible
- Adjusted to the anatomical shape of the female foot
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- Available in sizes **36-42**

250W Model PN-EN ISO 20347, O1, FO, SRC

- Without toecap



261 Model

PN-EN ISO 20345, S1, SRC

- **PU/TPU** outer sole
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Natural leather uppers
- Vamp lining – Ibiline non-woven fabric, instep - **Super Royal®** non woven, fibre materials with good water vapour permeability
- Anti-electrostatic
- Lightweight & flexible
- Adjusted to the anatomical shape of the female foot
- **Comfort** liner with high hygroscopicity
- Does not scratch the surface
- Available in sizes **36-42**

PPO[®] SUPPORT FOR UKRAINE

The PPO employed women fleeing the war.

After training, they started working in the sewing room, where they sew shoe uppers.

We also donated more than 1,000 pairs of safety shoes to people who organise humanitarian aid and territorial defence there



WE SUPPORT UKRAINE

PPO
Women Sporty line



PPO WOMEN SPORTY LINE

PPO *Women Sporty line*

High-quality, smooth grain leather uppers reducing water absorption

Super Royal lining guarantees dryness and comfort

Shape of the sole – Step Lock® and Traction Grid® systems provide very good sole stability and anti-slip protection

Perfect fit for natural shape of female foot

PU/PU double-layer polyurethane sole soothes unevenness of the ground, is resistant to oils, gasoline and other organic solvents

Composite toecap and non-metallic, anti-puncture liner

PPO WOMEN SPORTY LINE

PPO Women Sporty line

Features of PU/PU sole shoes:

- Lightweight & flexible
- Metal free
- Lightweight composite toecap
- Adjusted to the anatomical shape of the female foot
- SRC CLASS anti-slip protection
- Resistant to oils, gasoline and other organic solvents and temperatures up to 180°C in short-term contact
- Absorbs energy in the heel area
- Assembly system – direct, two-stage PU injection
- Available in sizes 36-42



556 Model

PN-EN ISO 20345, S3, SRC

- **PU/PU** outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Does not contain metals
- **SRC CLASS** anti-slip protection
- **Traction Grid** and **Step Lock** systems ensure high stability of the sole
- **Smooth grain leather uppers** reducing water absorption
- High uppers hold the ankle well and protect the leg from twisting
- Lightweight, sporty design
- Adjusted to the anatomical shape of the female foot
- Very good hygienic properties of footwear
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **36-42**

PPO Women sporty line



551 Model

PN-EN ISO 20345, S1, P, SRC

- PU/PU outer sole
- Lightweight composite toecap and non-metallic anti-puncture liner
- Metal free
- **SRC CLASS** anti-slip protection
- **Traction Grid** and **Step Lock** systems ensure high stability of the sole
- **Soft, microfibre-compatible leather uppers** with velour structure, high breathability and abrasion resistance
- Lightweight, sporty design
- Adjusted to the anatomical shape of the female foot
- Very good ventilation and hygienic properties of shoes
- Anti-electrostatic
- **Active carbon filter** lining with antiperspirant and antifungal properties
- Available in sizes **36-42**



FAMILY PICNIC ***WELCOMING SUMMER HOLIDAY WITH PPO***



PPO
PU boots



PPO PU Boots

PPO

PU boots



PPO PU Boots

PPO PU Safety Boots, 2000 series

2000 Series Properties:

- Ankle protection
- Harmonica for easy bending of the shoe
- Front tip reinforcement
- A special opening for hanging shoes on the hook
- An element for easy boot removal
- Line for shortening the upper



2048 Model

PN-EN ISO 20345, S4, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- High flexibility at low temperatures
- Anti-electrostatic
- Easy to clean and disinfect
- **Sanitized** lining with very good hygienic properties
- Sizes **36-50**
- **Recommended for:** construction, petrochemical industry, refineries, mining, road works, railway, water supply, car washes, automobile, agriculture and livestock industries



2051 Model

PN-EN ISO 20345, S5, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- Metal anti-puncture liner
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- High flexibility at low temperatures
- Anti-electrostatic
- Durable and sturdy
- **Sanitized** lining with very good hygienic properties
- Sizes **36-50**
- **Recommended for:** construction, petrochemical industry, refineries, mining, road works, railway, water supply, car washes, rescue teams



2052 Model

PN-EN ISO 20345, S5, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- Metal anti-puncture liner
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- High flexibility at low temperatures
- Anti-electrostatic
- Durable and sturdy
- **Sanitized** lining with very good hygienic properties
- Sizes **36-50**
- **Recommended for:** construction, petrochemical industry, refineries, mining, road works, railway, water supply, car washes, rescue teams

PPO PU Safety Boots, 1000 series

Safety boots made of polyurethane are an innovative solution which improves the comfort of work.

They are lighter than commonly used rubber and PVC full plastic boots. Thanks to air microbubbles in the polyurethane structure they provide very good thermal insulation.

PPO
PU boots



1042 Model

PN-EN ISO 20345, S4, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- High flexibility at low temperatures
- Anti-electrostatic
- Durable and robust
- **Sanitized** lining with very good hygienic properties
- High resistance to microorganisms
- Flexible even at the temperature of -20°C
- Sizes **36-48**
- Recommended for use in mining, oil, agriculture, water supply and forestry industries

1002 Model PN-EN ISO 20347, O4, FO, CI, SRC

- Without toecap



1044 Model

PN-EN ISO 20345, S4, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- Low temperature flexibility
- Anti-electrostatic
- Durable and robust
- Easy to clean and disinfect
- **Sanitized** lining with very good hygienic properties
- High resistance to microorganisms
- Flexible even at the temperature of -20°C
- Sizes **36-48**
- **Recommended for** use in the food industry



1045 Model

PN-EN ISO 20345, S4, CI, SRC

- **Solid polyurethane outer** sole, **cellular polyurethane** upper
- Metal Toecap
- **SRC CLASS** anti-slip protection
- Excellent thermal insulation
- Prevents the feet from cooling down even in damp and cold work environment
- High flexibility at low temperatures
- Anti-electrostatic
- Durable and robust
- Easy to clean and disinfect
- **Sanitized** lining with very good hygienic properties
- High resistance to microorganisms
- Flexible even at the temperature of -20°C
- Sizes **36-48**
- **Recommended for** use in the food industry

No	Type of footwear	Model	Sole	Security services	Standard	Size	Page
1	Safety sandals	SX2	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC, ESD	35-49	7
2	Safety shoes	SX4	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC, ESD	35-49	7
3	Safety sandals	Q2	PU/PU	►■	PN-EN ISO 20345, S3, SRC, ESD	39-49	11
4	Safety shoes	Q4	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC, ESD	39-49	11
5	Safety boots	Q6	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC, ESD	39-49	11
6	Safety sandals	Q2LG	PU/PU	►■	PN-EN ISO 20345, S3, SRC, ESD	39-49	12
7	Safety shoes	Q4LG	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC, ESD	39-49	12
8	Safety boots	Q6LG	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC, ESD	39-49	12
9	Safety sandals	501	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC	36-48	15
10	Safety shoes	502	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC	36-48	16
11	Safety shoes	503	PU/PU	►	PN-EN ISO 20345, S1, SRC	36-48	16
12	Safety shoes	504	PU/PU	►■	PN-EN ISO 20345, S3, SRC	39-48	16
13	Safety sandals	681	PU/TPU	►■	PN-EN ISO 20345, S1, P, SRC	39-47	19
14	Safety shoes	684	PU/TPU	►■	PN-EN ISO 20345, S1, P, SRC	39-47	19
15	Safety sandals	52N	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	23
16	Safety shoes	62N	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	24
17	Safety boots	72N	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	24
18	Safety sandals	52	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	24
19	Safety shoes	0391	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	25
20	Work shoes	0381	PU/TPU		PN-EN ISO 20347, 01, FO, SRC	39-47	25
21	Safety boots	055	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	25
22	Safety shoes	62	PU/TPU	►	PN-EN ISO 20345, S2, SRC	39-47	25
23	Safety boots	72	PU/TPU	►	PN-EN ISO 20345, S2, SRC	39-47	26
24	Safety boots	015	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	26
25	Work boots	016	PU/TPU		PN-EN ISO 20347, 01, FO, SRC	39-47	26
26	Safety sandals ESD	601	PU/TPU	►	PN-EN ISO 20345, S1, SRC, ESD	39-47	29

No	Type of footwear	Model	Sole	Security services	Standard	Size	Page
27	Safety sandals ESD (Women's)	651	PU/TPU	►	PN-EN ISO 20345, S1, SRC, ESD	36-42	30
28	Safety sandals	701	PU/TPU	►	PN-EN ISO 20345, S1, SRC, ESD	39-47	30
29	Safety shoes	703	PU/TPU	►	PN-EN ISO 20345, S1, SRC, ESD	39-47	30
30	Safety shoes	704	PU/TPU	►	PN-EN ISO 20345, S1, SRC	39-47	33
31	Safety boots	705	PU/TPU	►■	PN-EN ISO 20345, S3, HI, CI, SRC	39-47	34
32	Safety shoes	706	PU/TPU	►■	PN-EN ISO 20345, S3, SRC	39-47	34
33	Safety boots	707	PU/TPU	►■	PN-EN ISO 20345, S3, HI, CI, SRC	39-47	34
34	Safety boots	757	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC	39-47	35
35	Safety boots	0158	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC	39-47	35
36	Safety boots insulated	758	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC	39-47	39
37	Safety boots insulated	0157	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC	39-47	39
38	Safety boots insulated	0154	PU/PU	►■	PN-EN ISO 20345, S3, CI, SRC	39-48	40
39	Boots insulated	031	PU/PU		PN-EN ISO 20347, 01, FO, CI, SRC	36-48	40
40	Insulated Safety Shoes	1413	PU/PU	►	PN-EN ISO 20345, S1, CI, SRC	39-48	40
41	Safety boots	0373	PU/Guma	►■	PN-EN ISO 20345, S3, HRO, SRC	39-48	43
42	Safety boots	037	PU/Guma	►	PN-EN ISO 20345, S1, HRO, SRC	39-48	43
43	Safety boots	443	PU/Guma	►■	PN-EN ISO 20345, S3, HRO, SRC	39-48	43
44	Safety boots for welders	444	PU/Guma	►■	PN-EN ISO 20349, S3, WG, HRO, SRC	39-48	43
45	Safety sandals	41	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	47
46	Work sandals	40	PU/PU		PN-EN ISO 20347, 01, FO, SRC	39-48	47
47	Safety sandals	41W	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	48
48	Safety shoes	45	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	48
49	Safety boots	331	PU/PU	►	PN-EN ISO 20345, S2, SRC	39-48	48
50	Work boots	333	PU/PU		PN-EN ISO 20347, 02, FO, SRC	39-48	48
51	Work shoes	38	PU/PU		PN-EN ISO 20347, 02, FO, SRC	39-48	49
52	Work boots	123	PU/PU		PN-EN ISO 20347, 01, FO, SRC	39-48	49

Toecap: ► - metal, ◄ - composite, ▤ - fiberglass Fuse: ■ - Metal, ◄ - non-metallic

No	Type of footwear	Model	Sole	Security services	Standard	Size	Page
53	Safety boots	884	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	49
54	Safety boots	363	PU/PU	►■	PN-EN ISO 20345, S3, SRC	39-48	53
55	Safety boots	306	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	53
56	Safety boots	361	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC	39-48	53
57	Work boots	305	PU/PU		PN-EN ISO 20347, 01, FO, SRC	39-48	53
58	Safety shoes	317	PU/PU	►	PN-EN ISO 20345, S1, SRC	39-48	53
59	Work shoes	318	PU/PU		PN-EN ISO 20347, 01, FO, SRC	39-48	53
60	Safety sandals	201	PU/PU	►	PN-EN ISO 20345, S1, SRC	36-48	57
61	Work shoes	02	PU/PU		PN-EN ISO 20347, 01, FO, SRC	36-48	57
62	Safety shoes	204	PU/PU	►	PN-EN ISO 20345, S2, SRC	36-48	58
63	Safety boots	205	PU/PU	►	PN-EN ISO 20345, S2, SRC	36-48	58
64	Work boots	03	PU/PU		PN-EN ISO 20347, 01, FO, SRC	36-48	58

No	Type of footwear	Model	Sole	Security services	Standard	Size	Page
65	Safety sandals (womans)	281	PU/TPU	►	PN-EN ISO 20345, S1, SRC	36-42	61
66	Safety sandals (women's)	251W	PU/TPU	►	PN-EN ISO 20345, S1, SRC	36-42	61
67	Safety shoes (women's)	261	PU/TPU	►	PN-EN ISO 20345, S1, SRC	36-42	61
68	Safety boots (women's)	556	PU/PU	►■	PN-EN ISO 20345, S3, SRC	36-42	65
69	Safety sandals (women's)	551	PU/PU	►■	PN-EN ISO 20345, S1, P, SRC	36-42	65
70	Safety Boots PU	2048	PU	►	PN-EN ISO 20345, S4, CI, SRC	36-50	69
71	Safety Boots PU	2051	PU	►■	PN-EN ISO 20345, S5, CI, SRC	36-50	69
72	Safety Boots PU	2052	PU	►■	PN-EN ISO 20345, S5, CI, SRC	36-50	69
73	Safety Boots PU	1042	PU	►	PN-EN ISO 20345, S4, CI, SRC	36-48	70
74	Work Boots PU	1002	PU		PN-EN ISO 20347, 04, FO, CI, SRC	36-48	70
75	Safety Boots PU	1044	PU	►	PN-EN ISO 20345, S4, CI, SRC	36-48	70
76	Work Boots PU	1045	PU	►	PN-EN ISO 20345, S4, CI, SRC	36-48	70

Toecap: ► - metal, ► - composite, ► - fiberglass Fuse: ■ - Metal, ■ - non-metallic

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