





About us

PPO PP functions on the occupational and safety footwear market since 1953. Over the years our offer was constantly expanded and modified because of our customers and their expectations. Modern technologies are our passion.

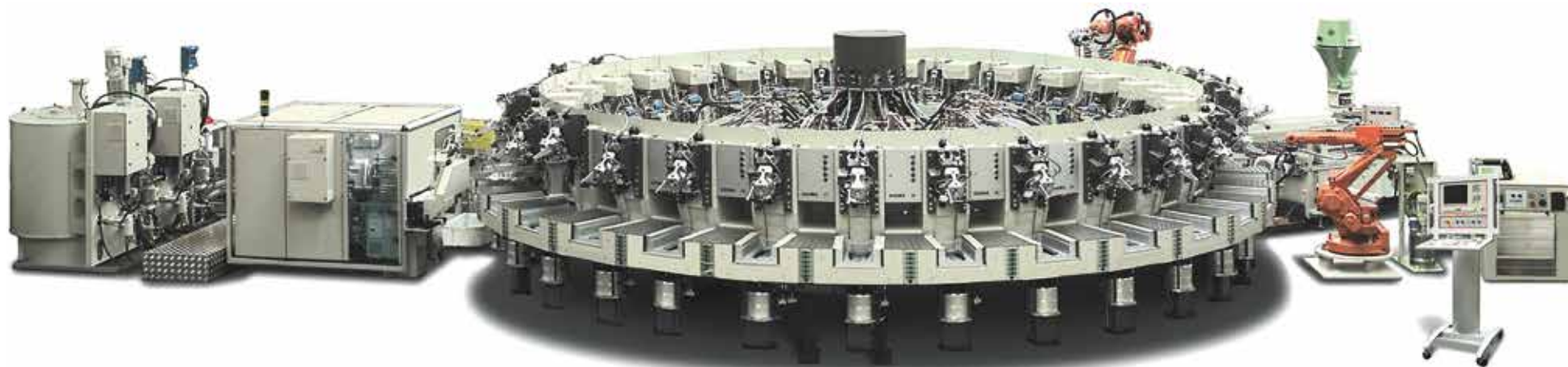
Our footwear is used on many various workplaces. We offer economical, modern and technologically advanced models. To make the work safer and more comfortable, we especially pay attention to the quality, design, functionality and safety of the offered footwear.

It makes us special that our footwear is produced in Poland and does not contain substances harmful to the health. The footwear fulfils the requirements of European norms and protects excellent against slipping in the SRC class.

We encourage you to become acquainted with our offer and to promote the high quality of Polish products.

PPO in numbers:

- above **65** years of experience
- **100%** polish product
- **8** modern production lines
- **4** advanced technologies
- **11** different soles
- over **1 000 000** pairs produced annually
- almost **4 000** pairs produced per day
- **500** employees
- above **90** structurally diversified models



Technology

PPO footwear is produced by a direct injection system. We apply 4 advanced technologies and 10 full sets moulds to produce footwear intended for various working conditions.

There are: technology of two-layer PU injection (PU/PU), technology of polyurethane and thermoplastic polyurethane injection (PU/TPU), technology of polyurethane injection on rubber (PU/Rubber) and technology of polyurethane injection used in boots completely made from polyurethane.



PU/PU for men (page 4)



PU/PU for men (pages 16-17)



PU/PU for men (pages 10-12)



PU/TPU for men (pages 5-7)



PU/TPU for men (page 8) PU/PU for men (page 9)



PU/PTU for women (page 14)



PU/Rubber for men (page 17)



Polyurethane boots, comfort serie (page 18)



Polyurethane boots, premium serie (page 19)



Quality Premium Collection is light, comfortable and dynamic footwear intended for the most demanding users.

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

This ergonomic, based on the latest innovations collection in an answer to growing expectations of users.



Model Q2

PN-EN ISO 20345, S1, P, SRC

- sole **PU/PU**
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – **SRC** class
- high sole stability
- **nubuck leather** uppers with a high permeability factor of steam
- breathable lining guarantee good regulation function and moisture release
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- soft comfortable insole with an active carbon filter with antiperspirant and antifungal properties
- functional fastener-double velcro enables the adjustment of the footwear to the foot
- available in sizes 39-49



Model Q4

PN-EN ISO 20345, S3, SRC

- sole **PU/PU**
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – **SRC** class
- high sole stability
- **nubuck leather** uppers with a high permeability factor of steam
- breathable lining guarantee good regulation function and moisture release
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- soft comfortable insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-49



Model Q6

PN-EN ISO 20345, S3, SRC

- sole **PU/PU**
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – **SRC** class
- high sole stability
- **nubuck leather** uppers with a high permeability factor of steam
- breathable lining guarantee good regulation function and moisture release
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- soft comfortable insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-49



Properties of PU/TPU footwear

- does not mark the surface
- perfect for use on smooth surfaces of modern production facilities
- high resistance to abrasion and cutting
- resistant to oils, petrol and other organic solvents
- resistant to temperature up to 120°C in short-term contact
- waterproof from the bottom
- absorption of energy in the heel area and protection against twisting
- does not recommended to use on snow and ice
- system of montage – direct injection of polyurethane and thermoplastic polyurethane
- collection available in sizes from 39 to 47



Model 681

PN-EN ISO 20345, S1, P, SRC

- sole PU/TPU
- steel toe cap
- **non-metallic antipenetration midsole**
- very good anti-slipping properties – SRC class
- uppers made from smooth, skin friendly microfibre with velour structure, high breathability and abrasion resistance
- **Solar Spezial®** lining, 3D structure with airy slots guarantee good temperature regulation function and moisture release
- successful ventilation provide very good hygienic properties
- functional fastener – double velcro enables the adjustment of the footwear to the foot
- antistatic
- soft, comfortable, foot skin friendly, hygroscopic insole with antiperspirant properties
- shock absorber in heel area
- available in sizes 39-47



Model 672

PN-EN ISO 20345, S1, P, SRC

- sole PU/TPU
- steel toe cap
- **non-metallic antipenetration midsole**
- very good anti-slipping properties – SRC class
- nubuck leather uppers with high water vapour permeability factor
- additional protection point of shoe protects against mechanical damages
- **Solar Spezial®** lining, 3D structure with airy slots guarantee good temperature regulation function and moisture release
- successful ventilation provides very good hygienic properties
- antistatic
- soft, comfortable, foot skin friendly, hygroscopic insole with antiperspirant properties
- shock absorber in heel area
- available in sizes 39-47



Model 673

PN-EN ISO 20345, S1, P, SRC

- sole PU/TPU
- steel toe cap
- **non-metallic antipenetration midsole**
- very good anti-slipping properties – SRC class
- nubuck leather uppers with high water vapour permeability factor
- with reflective elements
- soft collar, which holds the ankle well
- additional protection point of shoe protects against mechanical damages
- **Solar Spezial®** lining, 3D structure with airy slots guarantee good temperature regulation function and moisture release
- successful ventilation provides very good hygienic properties
- antistatic
- soft, comfortable, foot skin friendly, hygroscopic insole with antiperspirant properties
- shock absorber in heel area
- available in sizes 39-47

Properties of PU/TPU footwear

- does not mark the surface
- perfect for use on smooth surfaces of modern production facilities
- high resistance to abrasion and cutting
- resistant to oils, petrol and other organic solvents
- resistant to temperature up to 120°C in short-term contact
- waterproof from the bottom
- absorption of energy in the heel area and protection against twisting
- does not recommended to use on snow and ice
- system of montage – direct injection of polyurethane and thermoplastic polyurethane



Model 52N

PN-EN ISO 20345, S1, SRC

- sole PU/TPU
- steel toe cap
- anti-slipping protection – **SRC** class
- nubuck and velour leather uppers with a high permeability factor of steam
- very good hygienic properties
- antistatic
- **Comfort®** insole with high hygroscopicity
- does not mark the surface
- shock absorber in heel area
- available in sizes 39-47



Model 62N

PN-EN ISO 20345, S1, SRC

- sole PU/TPU
- steel toe cap
- anti-slipping protection – **SRC** class
- nubuck and velour leather uppers with inserts made from breathable material
- very good hygienic properties
- antistatic
- **Comfort®** insole with high hygroscopicity
- does not mark the surface
- shock absorber in heel area
- available in sizes 39-47



Model 055

PN-EN ISO 20345, S1, SRC

- sole PU/TPU
- steel toe cap
- anti-slipping protection – **SRC** class
- full-grain cowhide leather uppers with inserts of **Airnet®** material and reflective material
- very good hygienic properties
- antistatic
- **Comfort®** insole with high hygroscopicity
- does not mark the surface
- especially recommended to use in the summer and in areas where is high temperature
- available in sizes 39-47

PPO ESD - PU/TPU footwear protecting against ESD effect

ESD (ElektroStatic Discharge) refers to electrostatic discharge – alignment between the two objects to balance the inception of electricity. Such discharge frequently happens in a split second, mostly in the form of a spark or arc voltage. ESD effects are commonly known to everyone. They are recognized as discharges at the door handlers, shooting or while removing clothes made from synthetic fibers. Electrical resistance of footwear in accordance with EN 61340-5-1 is in the range between $7,5 \times 10^5 \Omega$ and $3,5 \times 10^7 (0,75 \text{ M}\Omega \text{ to } 35 \text{ M}\Omega)$.

ESD footwear should be used if it is necessary to prevent electrostatic charge by an employee to discharge electrical intensity. ESD shoes are used in the electronics, computer and automobile industry in order to prevent the harmful in the process of shoe fitting. Furthermore, more chemical and pharmaceutical companies, in potentially explosive areas, draw greater attention to safety that is offered by ESD footwear. Such footwear is becoming widely used in optics, aerospace industry, food industry, in biotechnologies, lab and scientific institutes and some hospital positions.

PPO
ESD



Model 601 (for men)
PN-EN ISO 20345, S1, SRC, ESD

- sole **PU/TPU**
- steel toe cap
- anti-slipping properties – **SRC** class
- uppers made from smooth, skin friendly microfibre with velour structure, high breathability and abrasion resistance
- lining made from **Coolmax®** which has got temperature regulation function
- very good ventilation and hygienic properties of shoes
- **metal buckle fastening**
- antistatic
- protects against **ESD** effect according to standards **PN-EN 61340-5-1:2017**
- dispersive properties – **climate class 3**
- insole with an active carbon filter with antiperspirant and antibacterial properties
- does not mark the surface
- available in sizes 39-47



Model 602 (for men)
PN-EN ISO 20345, S1, SRC, ESD

- sole **PU/TPU**
- steel toe cap
- anti-slipping properties – **SRC** class
- uppers made from smooth, skin friendly microfibre with velour structure, high breathability and abrasion resistance
- lining made from **Coolmax®** which has got temperature regulation function
- very good ventilation and hygienic properties of shoes
- **simple lacing ensure optimal fitting to the foot**
- antistatic
- protects against **ESD** effect according to standards **PN-EN 61340-5-1:2017**
- dispersive properties – **climate class 3**
- insole with an active carbon filter with antiperspirant and antibacterial properties
- does not mark the surface
- available in sizes 39-47



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

- sole **PU/TPU**
- steel toe cap
- anti-slipping properties – **SRC** class
- uppers made from smooth, skin friendly microfibre with velour structure, high breathability and abrasion resistance
- lining made from **Coolmax®** which has got temperature regulation function
- very good ventilation and hygienic properties of shoes
- **metal buckle fastening**
- antistatic
- protects against **ESD** effect according to standards **PN-EN 61340-5-1:2017**
- dispersive properties – **climate class 3**
- insole with an active carbon filter with antiperspirant and antibacterial properties
- does not mark the surface
- perfectly adjusted to the natural shape of women's foot
- available in sizes 36-42

PPO COMPOSITE

PPO Composite

Serie features:

- non-metallic – the whole shoe collection does not contain metal and is non-magnetic
- AirTec® composite toe caps – non-magnetic toe caps with high flexibility, thermo- and electric- insulated, equipped with special openings to ensure the natural rate of breathability
- non-metallic penetration resistant midsoles - protect against tearing, lighter than steel, excellent insulate from cold and heat, flexibility and elasticity ensure high level of comfort
- specially profiled heel protects the heel and leg against twisting
- does not recommended to use on snow and ice



Model 704

PN-EN ISO 20345, S1, SRC

- specially designed **PU/TPU** sole protects the leather in the front part of the upper
- perforated composite toe cap **AirTec®**
- non-magnetic and metal-free
- anti-slipping protection – **SRC** class
- nubuck and velour leather uppers with a high permeability factor of steam
- very good hygienic properties
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- does not mark the surface
- available in sizes 39-47



Model 706

PN-EN ISO 20345, S3, SRC

- specially designed **PU/TPU** sole protects the leather in the front part of the upper
- perforated composite toe cap **AirTec®**
- **with a non-metallic antipenetration midsole**
- metal-free
- anti-slipping protection – **SRC** class
- high quality smooth full-grain leather uppers with reduced water absorption and high permeability factor of steam
- lining leads off the sweat and gives feeling of dryness and comfort
- additional heel protection made from **Matrix®** material
- very good hygienic properties
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- with reflective elements
- does not mark the surface
- available in sizes 39-47



Model 707

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

- specially designed **PU/TPU** sole protects the leather in the front part of the upper
- perforated composite toe cap **AirTec®**
- **with a non-metallic antipenetration midsole**
- metal-free
- anti-slipping protection – **SRC** class
- embossed full-grain leather uppers with reduced water absorption and high vapor permeability factor
- reflective belt
- very good hygienic properties
- antistatic
- **thermal insulation against cold and heat**
- **Comfort®** insole with high hygroscopicity
- does not mark the surface
- available in sizes 39-48

PPO Composite



Serie features:

- stable PU/PU sole resistant to oils, petrol and organic solvents
- tread profile and PU system excellent protect against slipping in the SRC class and also in wintry conditions
- high flexibility and elasticity even at low temperatures
- construction of the sole protects the leather in the front part of the upper
- high energy absorption in the heel part

PPO
Winter

PPO Winter



Model 757

PN-EN ISO 20345, S3, CI, SRC

- specially designed PU/PU sole protects the leather in the front part of the upper
- perforated composite toe cap **AirTec®**
- **non-metallic antipenetration midsole**
- metal-free
- anti-slipping protection – **SRC** class
- smooth full-grain leather uppers with reduced water absorption and high permeability factor of steam
- **lining leads off the sweat and gives feeling of dryness and comfort**
- with reflective elements and additional heel protection made from **Matrix®** material
- very good hygienic properties
- antistatic
- thermal insulation provides foot against cold and heat
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-47



Model 758

PN-EN ISO 20345, S3, CI, SRC

- specially designed PU/PU sole protects the leather in the front part of the upper
- perforated composite toe cap **AirTec®**
- **non-metallic antipenetration midsole**
- metal-free
- anti-slipping protection – **SRC** class
- embossed full-grain leather uppers with reduced water absorption
- **insulated lining based on natural wool**
- perfect thermal insulation provides foot against freezing
- antistatic
- high stability of sole
- flexibility and elasticity at low temperatures
- material of insole perfectly insulates from the bottom
- available in sizes 39-48



Model 0157

PN-EN ISO 20345, S3, CI, SRC

- sole PU/PU
- perforated composite toe cap **AirTec®**
- **non-metallic antipenetration midsole**
- metal-free
- anti-slipping protection – **SRC** class
- embossed full-grain leather uppers with reduced water absorption
- **insulated lining based on natural wool**
- perfect thermal insulation provides foot against freezing
- antistatic
- high upper design
- specially designed sole protects the leather in the front part of the upper
- high stability of sole
- flexibility and elasticity at low temperatures
- material of insole perfectly insulates from the bottom
- available in sizes 39-47



Properties of PU/PU footwear:

- lightweight, elastic
- does not contain metal
- sporty design
- Step Lock® and Traction Grid® systems ensure high protection against slipping
- resistant to oils, petrol and organic solvents
- resistant to temperature up to 180°C in short-term contact
- system of montage – direct, two-step injection of polyurethane
- collection available in sizes from 39 to 48



Model 501

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- elastic strap fastening enables the adjustment of the footwear to the foot and its fitting
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- velour leather uppers with a high permeability factor of steam
- antibacterial Coolmax® lining
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 502

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- nubuck leather uppers with a high permeability factor of steam
- antibacterial Coolmax® lining
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 503

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- lightweight composite toe cap
- metal-free
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- nubuck leather uppers with inserts made from breathable on'Dura® material
- antibacterial Coolmax® lining
- lightweight, sporty design
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48

Lightweight collection PPO Sporty Line

Priority in this collection was guarantee comfort, security and good hygienic properties. Developed in sporty design upper and also light sole provide protective advantages as well as fulfill esthetic expectations of our customers.



Model 504

PN-EN ISO 20345, S3, SRC

- sole PU/PU
- **lightweight composite toe cap and a non-metallic antipenetration midsole**
- metal-free
- very good anti-slipping properties – **SRC** class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- smooth full-grain leather uppers with reduced water absorption and high permeability factor of steam
- antibacterial **Coolmax®** lining
- lightweight, sporty design
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 505

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- **lightweight composite toe cap**
- metal-free
- very good anti-slipping properties – **SRC** class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- nubuck leather uppers with high permeability factor of steam
- antibacterial **Coolmax®** lining
- lightweight, sporty design
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48





Properties of PU/PU footwear:

- lightweight, elastic
- does not contain metal
- sporty design
- Step Lock® and Traction Grid® systems ensure high protection against slipping
- resistant to oils, petrol and organic solvents
- resistant to temperature up to 180°C in short-term contact
- system of montage – direct, two-step injection of polyurethane
- collection available in sizes from 39 to 48



Model 512

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- nubuck leather uppers with a high permeability factor of steam
- breathable Artico® lining in blue color
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 522

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- perforated velour leather uppers with a high permeability factor of steam
- breathable Artico® lining in blue color
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 513

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- very good anti-slipping properties – SRC class
- Step Lock® and Traction Grid® systems ensure high sole stability
- nubuck leather uppers with inserts made from breathable on'Dura® material
- breathable Artico® lining in blue color
- lightweight, sporty design
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Serie features:

- special form of the sole and a deep protector ensure its high stability
- two-staged Shockabsorber
- protect against slipping in the SRC class
- resistant to oils, petrol and organic solvents
- resistant to temperature up to 180°C in short-term contact
- specially shaped, parabolic heel provides stability, comfort of use and protects the foot against twisting



Model 201

PN-EN ISO 20345, S1, SRC

- stable **PU/PU** sole
- steel toe cap
- anti-slipping properties – **SRC** class
- soft, skin friendly, technical advanced microfibre uppers with reduced water absorption, with high breathability and abrasion resistance
- very good hygienic properties of lining
- **strap fastening** enables optimal adjustment of the footwear to the foot and its fitting
- very good ventilation and hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- deep protector and parabolic heel ensure high stability
- two-staged **Shockabsorber**
- available in sizes 36-48



Model 204

PN-EN ISO 20345, S2, SRC

- stable **PU/PU** sole
- steel toe cap
- anti-slipping properties – **SRC** class
- soft, skin friendly, technical advanced microfibre uppers with reduced water absorption, with high breathability and abrasion resistance
- very good hygienic properties of lining
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- deep protector and parabolic heel ensure high stability
- two-staged **Shockabsorber**
- available in sizes 36-48



Model 205

PN-EN ISO 20345, S2, SRC

- stable **PU/PU** sole
- steel toe cap
- anti-slipping properties – **SRC** class
- soft, skin friendly, technical advanced microfibre uppers with reduced water absorption, with high breathability and abrasion resistance
- very good hygienic properties of lining
- high uppers hold ankle well
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- deep protector and parabolic heel ensure high stability
- two-staged **Shockabsorber**
- available in sizes 36-48



Properties of women's footwear:

- lightweight, elastic
- adjusted to the anatomical shape of women's foot
- protect against slipping in the SRC class
- absorb of energy in the heel area
- resistant to oils, petrol and other organic solvents



Model 251W

PN-EN ISO 20345, S1, SRC

- sole PU/TPU
- steel toe cap
- anti-slipping properties – SRC class
- velour leather uppers with a high permeability factor of steam
- effective ventilation and very good hygienic properties of footwear
- antistatic
- lightweight, elastic
- adjusted to the anatomical shape of women's foot
- **Comfort®** insole with high hygroscopycity
- does not mark the surface
- available in sizes 36-42



Model 281

PN-EN ISO 20345, S1, SRC

- sole PU/TPU
- steel toe cap
- velour leather uppers with a high permeability factor of steam
- **Solar Spezial®** lining, 3D structure with airy slots guarantee good temperature regulation function and moisture release
- insole with an active carbon filter with antiperspirant and antifungal properties
- lightweight, elastic
- very good ventilation
- antistatic
- high quality materials ensure very good hygienic properties of footwear
- available in sizes 36-42



Model 551

PN-EN ISO 20345, S1, P, SRC

- sole PU/PU
- **lightweight composite toe cap and a non-metallic antipenetration midsole**
- **metal-free**
- very good anti-slipping properties – SRC class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- light, skin friendly, technical advanced microfibre uppers with velour leather structure, with high breathability and resistance to abrasion
- lightweight, sporty design
- adjusted to the anatomical shape of women's foot
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 36-42

PPO Women sporty line

PPO
Women Sporty line



Lightweight women's collection is a functional footwear which doesn't contain metal. Equipped with light composite toe cap in S1 P and S3 category with non-metallic antipenetration midsole. Stable sole excellent protects against slipping.



Model 552

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- lightweight composite toe cap
- metal-free
- very good anti-slipping properties – SRC class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- light, skin friendly, technical advanced microfibre uppers with velour leather structure, with high breathability and resistance to abrasion
- lightweight, sporty design
- adjusted to the anatomical shape of women's foot
- effective ventilation and very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 36-42



Model 554

PN-EN ISO 20345, S3, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- smooth full-grain leather uppers with reduced water absorption
- very good anti-slipping properties – SRC class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- lightweight, sporty design
- adjusted to the anatomical shape of women's foot
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 36-42



Model 556

PN-EN ISO 20345, S3, SRC

- sole PU/PU
- lightweight composite toe cap and a non-metallic antipenetration midsole
- metal-free
- smooth full-grain leather uppers with reduced water absorption
- very good anti-slipping properties – SRC class
- **Step Lock®** and **Traction Grid®** systems ensure high sole stability
- high uppers hold the ankle well
- lightweight, sporty design
- adjusted to the anatomical shape of women's foot
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 36-42



Properties of PU/PU footwear:

- special form of the sole and a deep protector ensure its high stability
- profiled, parabolic heel provides stability, comfort of use and protects the foot against twisting
- two-staged Shockabsorber
- resistant to oils, petrol and organic solvents
- resistant to temperature up to 180°C in short-term contact
- system of montage – direct, two-step injection of polyurethane
- collection available in sizes from 39 to 48



Model 41

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- steel toe cap
- anti-slipping properties – **SRC** class
- two-staged **Shockabsorber**
- full-grain leather uppers with perforation
- deep protector and parabolic heel ensure high stability
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 41W

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- steel toe cap
- anti-slipping properties – **SRC** class
- two-staged **Shockabsorber**
- velour leather uppers with perforation
- buckle fastening
- deep protector and parabolic heel ensure high stability
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48



Model 45

PN-EN ISO 20345, S1, SRC

- sole PU/PU
- steel toe cap
- anti-slipping properties – **SRC** class
- two-staged **Shockabsorber**
- velour leather uppers with perforation
- simple lacing ensures optimal fitting of the foot
- deep protector and parabolic heel ensure high stability
- very good hygienic properties of footwear
- antistatic
- insole with an active carbon filter with antiperspirant and antifungal properties
- available in sizes 39-48

PPO Parabolic



Model 332

PN-EN ISO 20345, S3, SRC

- sole PU/PU
- steel toe cap
- steel antipenetration midsole
- anti-slipping properties – SRC class
- two-staged Shockabsorber
- smooth full-grain leather uppers with reduced water absorption and high permeability factor of steam
- leather lining
- deep protector and parabolic heel ensure high stability
- very good hygienic properties of footwear
- antistatic
- Comfort® insole with high hygroscopicity
- available in sizes 39-48

PPO For safety



Model 363

PN-EN ISO 20345, S3, SRC

- dynamic PU/PU sole
- steel toe cap
- non-metallic antipenetration midsole
- anti-slipping properties – SRC class
- self-cleaning tread
- embossed full-grain leather uppers
- very good hygienic properties of footwear
- antistatic
- lightweight and elastic
- Comfort® insole with high hygroscopicity
- available in sizes 39-48

PPO PU/Guma series



Model 0373

PN-EN ISO 20345, S3, HRO, SRC

- sole PU/Rubber
- steel toe cap
- steel antipenetration midsole
- anti-slipping properties – SRC class
- embossed full-grain cowhide leather uppers with reduced water absorption
- tread resistant to temperature 300°C in short-term contact
- tread resistant to oils, petrol and diluted solutions of acids and bases
- high resistance to abrasion, cracking and tearing
- antistatic
- Comfort® insole with high hygroscopicity
- recommended to use in heavy working conditions
- available in sizes 39-48



Model 1042

PN-EN ISO 20345, S4, CI, SRC

- sole made from solid polyurethane, uppers made from cellular polyurethane
- **steel toe cap**
- protection against slipping (SRC class)
- perfect thermal insulation
- prevent from feet freezing even in wet and cold work environment
- high flexibility and elasticity even at low temperatures
- antistatic
- durable and strong
- **Sanitized®** insole with very good hygienic properties
- high resistance to bacteria and microorganisms
- sizes: 36-48



Model 1044

PN-EN ISO 20345, S4, CI, SRC

- sole made from solid polyurethane, uppers made from cellular polyurethane
- **steel toe cap**
- protection against slipping (SRC class)
- perfect thermal insulation
- prevent from feet freezing even in wet and cold work environment
- high flexibility at low temperatures
- antistatic
- durable and strong
- easy to clarity maintenance and disinfection
- **Sanitized®** insole with very good hygienic properties
- high resistance to bacteria and microorganisms
- sizes: 36-48



Model 1045

PN-EN ISO 20345, S4, CI, SRC

- sole made from solid polyurethane, uppers made from cellular polyurethane
- **steel toe cap**
- protection against slipping (SRC class)
- perfect thermal insulation
- prevent from feet freezing even in wet and cold work environment
- flexibility at low temperatures
- antistatic
- durable and strong
- easy to clarity maintenance and disinfection
- **Sanitized®** insole with very good hygienic properties
- high resistance to bacteria and microorganisms
- sizes: 36-48

Safety boots completely made from polyurethane are innovative solution designed to improve comfortable working conditions. They are around 40% lighter than commonly used rubber boots and boots made from PVC. They provide very good thermal properties because of microbubbles in the polyurethane structure.

PPO PU boots, premium serie

PPO
PU boots



Model 2048

PN-EN ISO 20345, S4, CI, SRC

- sole made from solid polyurethane, upper made from cellular polyurethane
- **steel toe cap**
- protection against slipping (SRC class)
- perfect thermal insulation
- prevent from feet freezing even in wet and cold work environment
- flexibility at low temperatures
- antistatic
- durable and strong
- easy to clarify maintenance and disinfection
- **Sanitized®** insole with very good hygienic properties
- high resistance to microorganisms
- sizes: 36-50



Model 2051

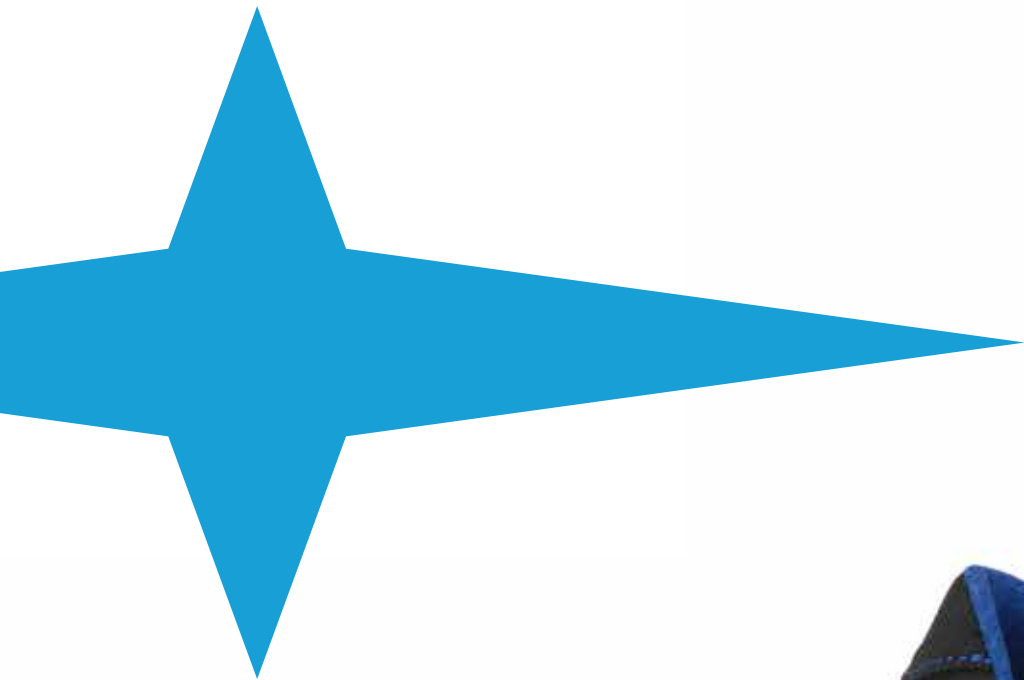
PN-EN ISO 20345, S5, CI, SRC

- sole made from solid polyurethane, upper made from cellular polyurethane
- **steel toe cap**
- **metallic antipenetration midsole**
- protection against slipping (SRC class)
- perfect thermal insulation
- prevent from feet freezing even in wet and cold work environment
- flexibility at low temperatures
- antistatic
- durable and strong
- easy to clarify maintenance and disinfection
- **Sanitized®** insole with very good hygienic properties
- high resistance to microorganisms
- sizes: 36-50



Properties of PREMIUM SERIE:

- ankle protection
- accordion folded absorber facilitates flexible moves
- reinforcement the top of upper
- special slot ensures hanging the footwear on hook
- element which help removing boot
- energy absorption of the heel parts
- possibility of shortening the upper



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