

# 2014

Product catalogue

Protective hand- and footwear

**ejendals**  
PROTECTING HANDS AND FEET

■ TEGERA®  
■ *jalas*®





Ejendals is a Swedish company that for generations has specialised in developing, manufacturing and marketing high-quality products that protect hands and feet. In close collaboration with researchers and our customers, we design products that deliver the highest standard of protection, durability and ergonomics. We sell a complete safety concept, which aims to reduce accidents through quality products, education and safety inspections. From our corporate head office in Leksand, we envision a safer day with zero injuries to hands and feet.







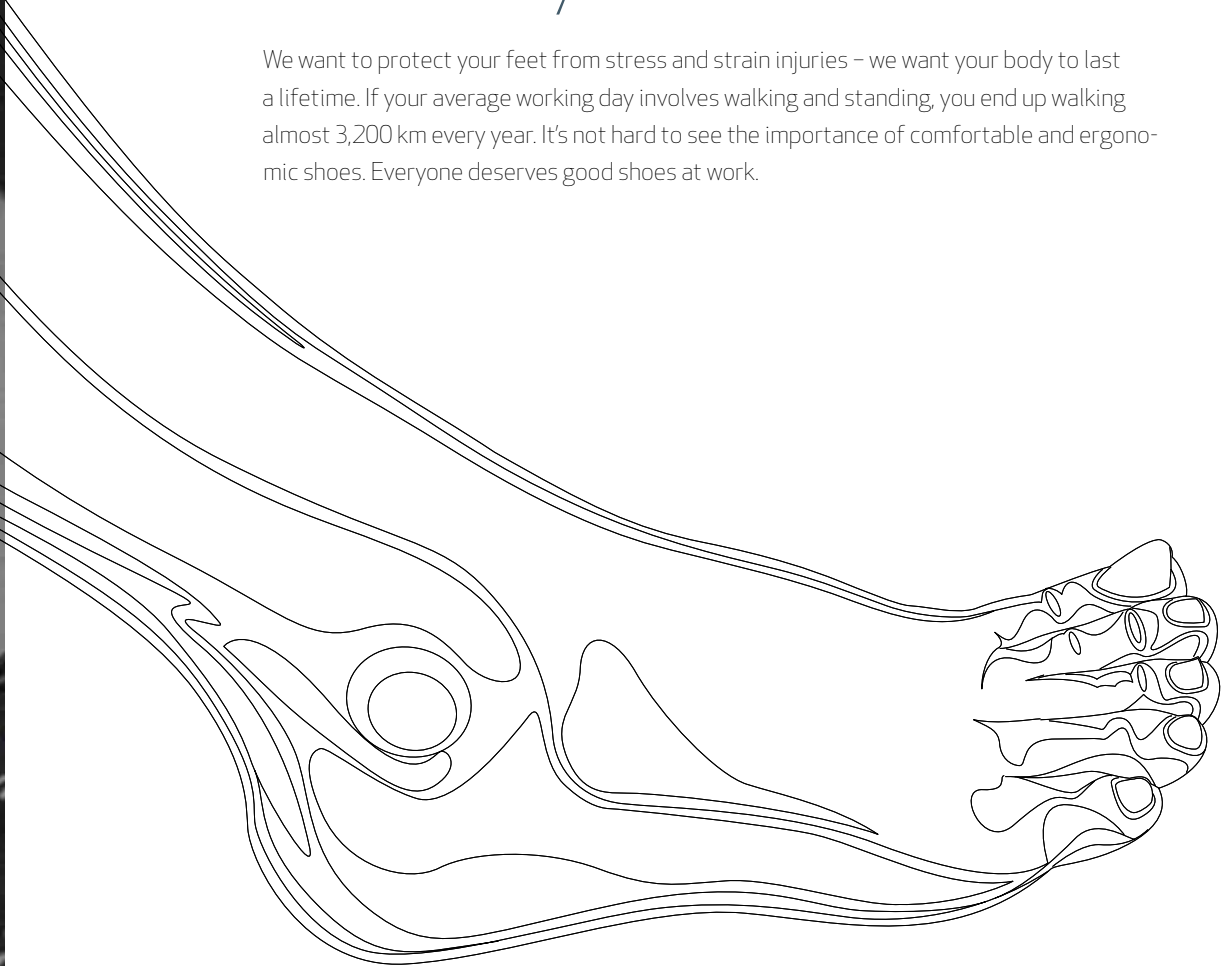
# FOOT PROTECTION

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# Protect your feet

We want to protect your feet from stress and strain injuries – we want your body to last a lifetime. If your average working day involves walking and standing, you end up walking almost 3,200 km every year. It's not hard to see the importance of comfortable and ergonomic shoes. Everyone deserves good shoes at work.



The foot is a fantastic construction. It has to keep you upright, maintain your balance and cushion impact. And it has to do its job all your life. A tough task indeed. For the foot to work properly, numerous bones, tendons and ligaments have to interact. It also has 90,000 sweat glands that help to regulate body temperature and purge waste products.



Find out more about the anatomy and ergonomics of the foot in *The Foot Book*, a publication produced in association with orthopaedic engineer Lars Eghamn. Lars has many years of experience working with feet, both in industrial- and sporting situations.

# JALAS®

JALAS® products, of the highest quality with a functional design, protect feet. Developments in comfort, ergonomics and features that improve posture also allow for better work ability and prevent injuries to other parts of the body.

## ON-GOING PRODUCT DEVELOPMENT

Through on-going product development, in-depth materials know-how and advanced research collaborations, our products remain at the forefront of innovative safety footwear, and they continue to evolve as new knowledge comes to light. They are the most technically advanced safety shoes on the market.

## LONG HISTORY

The almost 100-year story of JALAS® is filled with success and has created the brand that it is today. Nothing can replace experience. JALAS® has had its base in Jokipii village in Jalasjärvi, Finland since 1916. It is still home to our main production as well as our R&D team and a sophisticated laboratory.



# Many feet suffer unnecessarily

Repetitive strain injury (RSI) is probably the foremost work environment problem in the western world. Every year, some 14,000 such injuries are reported in Sweden. An unnecessary situation, in our view. Consequently, JALAS® has adopted a comprehensive approach to shoes and insoles. An aid in this approach is the foot scanner FootStop Service, which makes it easier to test shoes and insoles – individually, for different feet.

## WHY SCAN FEET?

With the aid of a foot scanner, users can be individually tested for insoles that prevent RSI. This means that FootStop Service works as a form of preventative health-care. It cannot, however, replace medical treatment of injuries already sustained. JALAS® anatomical insoles solve many problems – but not all. For people who have severe problems with their feet, orthopaedically tested insoles are a must.

- FootStop Service makes it possible to analyse feet quickly and easily.
- You can have your feet scanned with your socks on.
- It takes just a few minutes for the scanner to register the arch of the foot and the feet's measurements and points of pressure.
- The results are available directly. The display shows how and where the feet are under pressure and whether the arch is low, high or in between.
- The shop staff can help you arrive at the right shoes and soles.

### HOW ARE YOUR FEET GETTING ON?

Foot problems often creep up on you, especially as you grow older. Typical problems are skin and nail trouble, pain and injuries due to uneven stresses and strains (misalignments).

A foot that has the wrong support, or that slides backwards and forwards inside the shoe, is easily overstrained, as a result of which the user tenses up. In time, this can cause injuries to the knees, hips and back.

The best way of preventing problems and injuries is to choose footwear of the right size. Choose a model that cushions impact. Sometimes, shoes may also need individually tested insoles.

In many cases, however, individually designed orthopaedic soles can be avoided by using JALAS® neutralizer insoles – available for low, medium and high foot arches.



**FootStopService**  
BY **jalas**



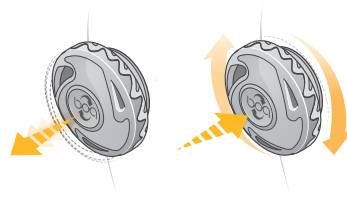
# Boa® Closure System

Boa® Closure System provides durability and all-day comfort. The system is fast, designed to allow quick on and off – a great benefit in the event of an unfortunate emergency. Get easy one-handed lace tension with a quick turn of the Boa® dial. Boa closures also shed water, mud, and ice, shaving precious weight.

- Custom comfort without pressure points.
- Easy, one-handed adjustment.
- Secure. Stays locked in place all day.
- Durable and lightweight.

## HOW IT WORKS

- To begin adjustment, push the knob inward.
- To tighten laces, turn dial clockwise.
- To loosen, pull knob outward, then pull tongue.



# Prolong the life of your shoes

What to remember if you want your protective footwear to last longer:

## **ENVIRONMENT**

Are the sole and the upper made from materials that work in the environment where the shoe is to be used? This is particularly important if the shoe is likely to come into contact with chemicals, fertiliser or urine, or to be used in foundry work.

## **MOISTURE**

If the shoes become wet – always dry them at room temperature. Never in a drying cupboard or on a radiator.

## **WATERPROOF**

Waterproof the shoes (including the seams and tongues). Shoes and boots in full-grain and oiled leather should be waterproofed/re-moisturised with mink oil.



# ESD

ESD stands for electrostatic discharge. All those engaged in the production or maintenance of sensitive electronic equipment need to protect it from the effects of discharging static electricity. This applies throughout both the manufacturing and maintenance processes.

It is essential that the right protective and occupational footwear is used as part of this protection, and that it conforms to current requirements and standards for ESD protection. Anti-static properties are a basic requirement when certifying protective and occupational footwear in accordance with EN ISO 20345/EN ISO 20347.

Shoes with ESD protection have to meet much tougher requirements than those with anti-static properties. Their properties are not comparable. ESD classified shoes can be divided into three levels/classes: 1, 2 and 3. All JALAS® shoes with ESD pictograms have been tested in accordance with the toughest ESD level, Class 1.

The electrical resistance limits of ESD footwear are 100kΩ–35 MΩ. Here, the ESD test has been carried out in accordance with the toughest classification at 12% humidity (compared with Class 2 [25%] and Class 3 [50%]).



*A shoe marked with this symbol meets the criteria for IEC 61340-5-1.*

*The ESD-approval does not include any requirements regarding electrical safety properties. If work will be performed close to live voltages, requirements according to national regulations shall be obeyed.*

## WHAT DOES ESD INVOLVE?

ESD is caused by an abrupt flow of electricity between differently charged objects or people either in direct physical contact or in close proximity to one another. As a rule, the discharge lasts for only a fraction of a second, often in the form of a spark. Electrostatic discharge frequently causes 'hidden damage' that becomes evident in the form of reduced functionality or problems of a similar kind later on. In the production of electronic equipment (circuit boards, etc.), even a very small discharge can cause invisible damage.

## WHAT CHARACTERISES AN ESD CLASSIFIED SHOE?

When the footwear/floor systems are used as the primary means of grounding, it is recommended that either the total resistance is maximum 35 Mohm or that the electrostatic potential is no more than 100 V (measured according to IEC 61340-4-5). ESD footwear should be used when electrostatic discharge is undesirable or even outright harmful to the work environment. This applies throughout most of the industrial sector.

## WHAT AFFECTS ESD?

If ESD footwear is to work satisfactorily, the floor material must be conductive. Conductive properties in flooring can be obtained by installing special ESD floors, but untreated concrete floors are also conductive. Other factors that affect electrostatic discharge are which clothing material is used, the type of contact, rapidity of movement, how clean the work environment is and how humid the air is.

## LABELLING OF ESD CLASSIFIED FOOTWEAR

Users of ESD footwear are advised to check the shoes' resistance properties regularly and to make sure that they are marked with the correct pictogram. Wrong or dirty insoles can destroy ESD protection and harm both equipment and employees.



# Glossary

## INSOLES

Safety footwear is certified under EN ISO 20345:2011 and occupational footwear is certified under EN ISO 20347:2012, with the standard insole fitted at the time of sale.

Only standard insoles from JALAS® are type-approved for use in JALAS® safety footwear.

If the JALAS® safety footwear has supplementary certification in accordance with BGR 191, insoles of a certified make can be used.

Properties of footwear certified under EN ISO 20345/EN ISO 20347 and/or IEC 61340-5-1 (ESD) cannot be guaranteed if an insole of a different make is used.

All JALAS® standard insoles have a pronounced indent in the heel and built-up arches. The insoles are flexible but stable and adapt to the foot. Provide support in the right places and are very comfortable.

### FX2 SUPREME

Insole with double shock absorption zones in Poron® XRD™ and a layer of comfortable merino wool. Conforms to the requirements of ESD-standard (electrostatic discharge).

### FX2 PRO

Insole with double shock absorption zones in Poron® XRD™ and a textile layer. Conforms to the requirements of ESD-standard (electrostatic discharge).

### FX1 CLASSIC

Insole with shock absorption under the heel and a textile layer. Conforms to the requirements of ESD-standard (electrostatic discharge).

### FX2 CLASSIC

Insole with double shock absorption zones and textile layer. Conforms to the requirements of ESD-standard (electrostatic discharge).

### FX2 WINTER

This insole is an advanced winter insole with double shock absorption zones in Poron® XRD™ and antibacterial properties. Merino wool is a soft and pliable natural material that absorbs moisture and retains warmth. Its superior ventilation properties retain warmth in cold temperatures, while also keeping the insole cool in warm temperatures. The foil layer reflects away cold from underneath, while also reflecting and retaining warmth within the shoe. Conforms to the requirements of ESD-standard (electrostatic discharge).

### FX3 EXALTER

Insole with a soft, shock-absorbing neo foam layer. The soft EVA layer provides structure, stability and comfort. The hard EVA layer sustains the insole's shape and functionality while providing support and stability. Double shock absorption zones in Poron® XRD™. The antimicrobial protective technology Microban® prevents the growth of bacteria.

## OUTSOLE MATERIAL

### RPU

The sole has a unique molecular structure with many small suction cups that provide a great grip on wet and slippery surfaces. It is divided into three areas that follow the various step phases in a natural way.

### NITRILE RUBBER

Provides a good grip on slippery or wet surfaces – on snow and ice as well. The sole stays soft and flexible, even in very cold temperatures. It is heat resistant up to 300°C and therefore suitable for work in hot environments. The sole can also withstand strong concentrations of chemicals up to a certain limit.

### PU

Polyurethane is a material that provides footwear with a firm grip and high durability.

### TPU

TPU is a thermoplastic polyurethane with very high elastic and wear-resistant properties. Most suitable for indoor or outdoor work in clean, dry environments.

## PROPERTIES: OUTSOLE

### ANTI-STATIC PROPERTIES

All our safety footwear has anti-static properties in compliance with EN ISO 20345:2011.

### ESD

ESD is a supplementary test that is sometimes used where it is essential to remove static electricity. The electrical resistance limits of ESD footwear are 100KΩ–35 MΩ and comply with IEC 61340-5-1. All safety footwear from JALAS® with an ESD pictogram comply with IEC 61340-5-1.

### STABILIZATOR

Extra rigid design with a stabilizer in the arch that reduces the risk of sprain. Found in shoes with RPU, Nitrile and TPU in the outsole.

## FIT AND COMFORT

### NARROW/REGULAR FIT

For those who have narrow to normal feet.

### REGULAR FIT

Fits most feet.

### WIDE FIT

For those who need extra width and height.

## LINING

### TEBOX/DRILEX®

Durable, ventilating lining material from polyester and polyamid.

### MICROFIBER

Material of textile fabric that provides good ventilation and a good climate for the feet.

### CAMBRELLE®

Well-ventilated lining material.

### ABSOLUTE ALUMINIA

Warms efficiently while simultaneously allowing moisture to escape. Keeps you warm even in extremely cold environments.

### TECHNICAL FLEECE

A micro-thin technical fleece lining for maximum comfort during the coldest part of the year.

### SYNTHETIC FUR

A warm lining in a mix of wool and synthetic fibres.

### BIOCERAMIC FUR

Insulates against extreme cold. Good heat control material – the heat energy inside the shoe is recycled. Improves blood circulation. Carries away moisture. Stops bacteria and bad odour.

## MEMBRANE

Membrane with water-repellent and ventilating properties.

### DRYLOCK

Waterproof, breathable membrane from JALAS®. Sealed seams that keep your feet warm and dry.

### WATER-REPELLENT

Leather and/or textile that has been waterproofed with membrane or covered with a coating that makes it water-repellent.

### RESPIRO (Transpiration system patented by Geox company)

Respiro is the name of the JALAS® collection equipped with a breathable membrane fitted into the outsole (patented by Geox company). Releases moisture but prevents water from entering. The membrane is activated when your feet grow warm. Keeps feet dry and cool even in hot environments. The system can reduce the shoe's inner temperature by up to 3°C.

## IMPACT PROTECTION

D30® is an intelligent impact-absorbing material that doesn't collapse when exposed to external force. The molecular net structure efficiently distributes the force to the sides. D30® can be used both in extreme cold and in high temperatures.

### PORON® XRD™

Poron® XRD™ is a material which has unique shock-absorbing properties – the material is softer when you stand and stiffens when you walk for extra impact absorption.

### NEOFOAM

Excellent shock absorption properties with added comfort and softness.

## TOE WEAR PROTECTION

### PRONOSE

Extra PU wear protection across the toecap prolongs the shoe's life. Found with a few exceptions in shoes of protection class SIP and S3.

## SAFETY TOECAPS

All safety toecaps comply with EN ISO 20345:2011.

The requirements are as follows:

- Impact energy of 200 Joules
- Compression of 15,000 Newtons

### ALUMINIUM

Weighs only about 50 grams. The shoe becomes lighter and the centre of gravity is moved backwards, improving balance and reducing strain on the shin muscles. Found in most JALAS® shoe models.

### STEEL

Found in JALAS® safety footwear of size 34 and some of size 35, and also in some models of GRANINGE® protective footwear.

### COMPOSITE

Found in the metal-free JALAS® range and in some GRANINGE® safety footwear models.

## NAIL PROTECTION

All nail-protection conforms to EN ISO 20345:2011. The requirement is that shoes must withstand penetration of 1.1 kN from a nail measuring 4.5 mm in diameter.

### STAINLESS STEEL

This nail protection feature prevents nails and other sharp objects from penetrating the shoe.

### SOFT PLASMA-TREATED TEXTILE

This nail protection is made out of plasma-treated textile which makes it soft and light. Prevents nails and other sharp objects from penetrating the shoe.







SAFETY FOOTWEAR

## Safety footwear

Our safety footwear is of the highest possible quality and does not only minimise threats – but also maximises wellbeing. Our footwear meets the highest criteria in terms of safety, slip resistance, stability and ergonomics.

High comfort, low weight, good anatomical properties and ventilation are also equally important factors.

It should always be possible for you to find a shoe that fits your needs. So in addition to a wide variety of models specifically designed for different situations, our product range also covers a wide selection of sizes and come in a wide, regular or narrow fit.

Using a shoe in the wrong environment can be downright dangerous. We will provide you with the right shoe for the right job.



# Rules and standards

All the safety footwear in our product range comply with EN standards and applicable norms for worker safety within various professional fields. The various EN standards are based on the PPE Directive (89/686/EEC).

The table below shows the various protection classes. There are also a number of additional tests – see the fact box for examples.

*Please contact customer service at +247 360 00 if you need help picking the right shoes.*

**SAFETY FOOTWEAR, TABLE ACCORDING TO STANDARD EN ISO 20345:2011**

CLASS		Protective toecap (200 J / 15000 N)	Fully enclosed heel	A Electrical resistance (between 0.1-1000 MegaOhms)	E Energy absorption in the heel area (tested at 20 Joules)	WRU Water-resistant upper	Cleated outsole	P Penetration-resistant outsole
I, II	<b>SB</b>	●						
I	<b>S1</b>	●	●	●	●			
I	<b>S2</b>	●	●	●	●	●		
I	<b>S3</b>	●	●	●	●	●	●	●
II	<b>S4</b>	●	●	●	●	●		
II	<b>S5</b>	●	●	●	●	●	●	●

**S** Shoes marked S have protective toecaps which will withstand 200 J of impact energy and 15 kN of pressure.

**Class I** Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear.

**Class II** All-rubber (i.e., entirely vulcanised) or all-polymeric (i.e. entirely moulded) footwear.

**P** Penetration-resistant outsole.

**HRO** Heat-resistant outsole compound tested at 300°C.

**WR** Water-resistant footwear.

**WRU** Water-resistant upper.

**CI** Cold insulation.

**HI** Heat insulation.

**HI3** Heat insulation performance level 3.

**Type 2** All fire suppression and rescue interventions where protection against penetration, and toe protection are needed, no protection against chemical hazards.

**ESD** Electrostatic Discharge.

**ESD IEC 61340-5-1** Electrostatic Discharge resistance below 35 MegaOhm.

**SRA** Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution.

**SRB** Slip-resistance on steel floor with glycerol.

**SRC** SRA + SRB.

**FO** Oil-resistant outsole.

**A** Electrical resistance (between 0.1-1000 MegaOhms).

**E** Energy absorption in the heel area (tested at 20 Joules).



# JALAS® sole platforms for safety shoes

All shoes with a two-component sole have a PU midsole for the greatest possible comfort.

## ENDURO

Made from nitrile rubber. Wide fit and shock absorption in the heel. Withstands heat up to 300°C. ESD, anti-static, oil-resistant. Structural patterns ensuring good grip sideways, forwards and backwards. Drain channels remove oil, water and dirt. Different surface patterns provide solid grip however you move. The Stabilizer system provides support for the arch and ensures good grip on ladders.

Conforms to the requirements in IEC-61340-5-1

Available in safety rating: S1, S1 P, S2 and S3

Fitting: Wide



## PERFORMANCE

Nitrile rubber outsole developed in collaboration with Vibram, featuring a specially designed pattern that helps remove water, snow and dirt. Grips sideways, forwards and backwards as you move. Reinforced seat section for maximum heel support and better shock absorption. Specially designed flexible construction at the front of the sole. Withstands heat up to 300°C. ESD, anti-static, oil-resistant.

Conforms to the requirements in IEC-61340-5-1

Available in safety rating: S1, S3

Fitting: Regular



## GRIP

Grip is made from nitrile rubber, which makes it an extremely durable sole. The sole is heat-resistant (HRO) and can withstand really hot floors, up to 300°C. Best for industrial workers and craftsmen. Can be used both indoors and outdoors. The sole ensures excellent grip on both snow and ice, even at very low temperatures. It is also resistant to most chemicals. The shoe's sole and upper should nevertheless be cleaned at the end of the working day to prolong its life.

Conforms to the requirements in IEC-61340-5-1

Available in safety rating: S1, S1 P, S2 and S3

Fitting: Regular



## ZENIT

The outsole is made from an innovative RPU material with extra strong grip that is also extremely durable, yet soft and comfortable. Suitable for users in the manufacturing sector and for artisans. Excellent for both indoor and outdoor work.

Conforms to the requirements in IEC-61340-5-1

Available in safety rating: S1, S1 P, S2 and S3

Fitting: Regular





### STABILIZATOR

Stabilizator is the outsole that has lent its name to – and become equated with – rigid protective footwear from JALAS®. The material is TPU. The shoe is equipped with a transpiration system patented by Geox® company. Suitable for clean, dry industrial environments.

Conforms to the requirements in IEC-61340-5-1  
Available in safety rating: S1 and S2  
Fitting: Regular



### GREEN LINE

Made from PU, a material suitable for many different environments. Developed as a platform for our metal-free collection of the same name. Several models meet the requirements of the EU Flower eco-label. Suitable for work where metal-free footwear is required, e.g., at nuclear power plants, airports and prisons, and in police work.

Conforms to the requirements in IEC-61340-5-1  
Available in safety ratings: S1, S1 P and S3  
Fitting: Narrow/Regular



### M-SPORT

Made from PU, a material suitable for many different environments. Suitable for industrial work and artisans, both indoors and outdoors.

Conforms to the requirements in IEC-61340-5-1  
Available in safety rating: S1, S1 P, S2 and S3  
Fitting: Regular

# JALAS® safety footwear collections

## MGR



Tough and sporty design. The rigid stabilising sole and the wide slip-safe outer sole reduce the risk of foot sprain. The aluminium toecap means the shoe is light and has a good centre of gravity, improving balance and reducing pressure on the shin.

## M-SPORT



Made of PU, a material suitable for many working environments. Suitable for trade and industry, both indoors and outdoors. Aluminium toecap and insole with dual shock absorption zones. Lightweight, well balanced and comfortable.

## GREEN LINE



In this collection we have been as environmentally friendly as possible. These are the first safety shoes to carry the EU Flower, the European Ecolabel. They contain no metals; instead, we have used a material in both the nail puncture protection and the toecap that emphasises environmental care throughout the shoe's life cycle.

## DRYLOCK



A waterproof collection. Drylock membrane shoes are waterproof and ventilating and carries away sweat and moisture alike. The PU/Nitrile outsole is non-slip – highly suitable for users working on wet and slippery surfaces. It is also very durable. The sole is heat-resistant and can withstand both welding sparks and really hot floors.

## ZENIT



The ZENIT® collection combines excellent comfort and good cushioning, thanks to its unique FX2 shock absorption system. The outsole is made from RPU. Its unique structure results in a surface of countless small suction cups, providing great grip in wet and slippery environments. The foot and tongue have a memory foam lining that 'remembers' and adapts to the shape of the foot.

## EXALTER<sup>2</sup>



The colourful Exalter<sup>2</sup> collection has a sporty design and smart details ensuring functionality and comfort. Heat-resistant outsole in nitrile rubber in a special pattern that helps remove water, snow and dirt. Also, the well-designed arch makes for increased safety on ladders.

## STREET



Trendy, modern and very comfortable sneaker-style shoes with all the properties that distinguish traditional safety footwear. RPU sole for the ultimate grip. The lining breathes, which makes the shoe airy, soft and pleasant to use for hours on end.

## GRAN PREMIO



A collection of shoes and boots with a more spacious fit suitable for tough conditions, both indoors and outdoors. Unbeatable grip on winter surfaces.

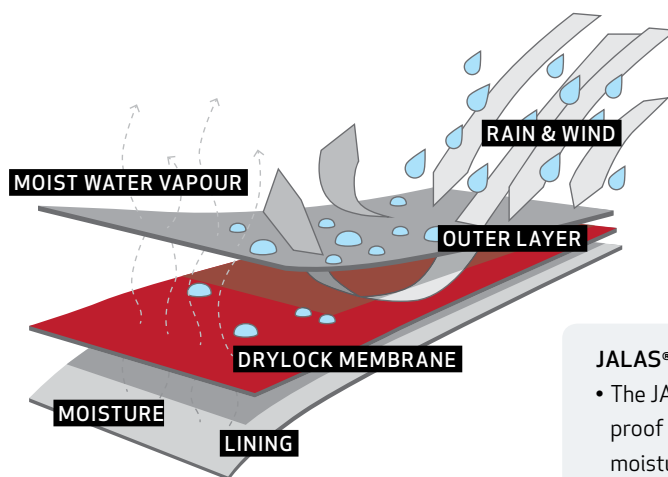
## GRIP

Collection with attractive design, high quality and comfort. Outsole made from PU/Nitrile, which ensures good grip and usability for industrial environments. Models for both indoor- and outdoor use.

# JALAS® Drylock membrane

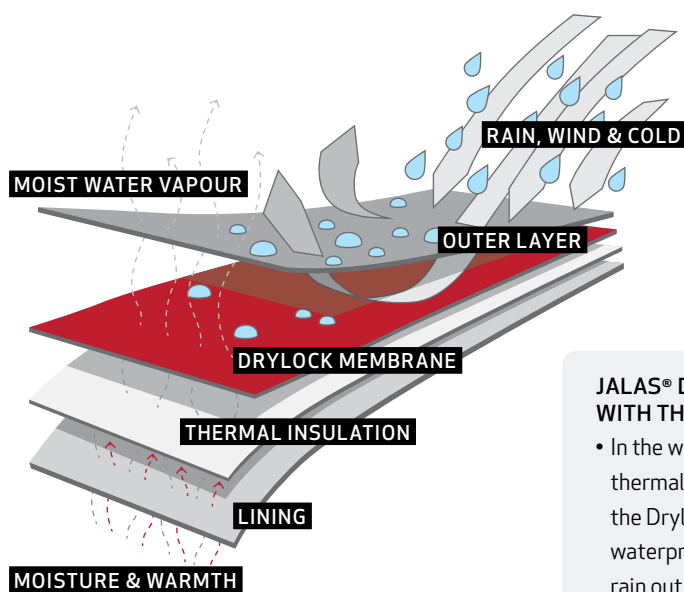
The JALAS® Drylock collection has a waterproof membrane which water drops don't stand a chance of passing through. Despite being waterproof, it is also ventilating and leads away sweat and moisture.

**DRY+LOCK**



## JALAS® DRYLOCK MEMBRANE

- The JALAS® Drylock membrane is waterproof but ventilating – leads away sweat and moisture.



## JALAS® DRYLOCK MEMBRANE WITH THERMAL INSULATION

- In the winter-lined JALAS® Drylock models, a thermal insulation layer have been molded onto the Drylock membrane. This creates a superior waterproof thermo lining, which keeps cold and rain out while keeping the feet warm and dry.





SAFETY RATING S1



**JALAS® 9500 EXALTER**

EN ISO 20345:2011, S1 SRC HRO

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Performance

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX3 Exalter2

INSOLE MATERIAL Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Hygienical polyamide

COLOUR Black, grey, green

FEATURES Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, stabilizer, ergonomically shaped, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Indoors

EXALTER<sup>2</sup>

jalas®

**JALAS® 9520 EXALTER**

EN ISO 20345:2011, S1 SRC HRO

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Performance

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX3 Exalter2

INSOLE MATERIAL Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Hygienical polyamide

COLOUR Black, grey, red

FEATURES Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, stabilizer, ergonomically shaped, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Indoors

EXALTER<sup>2</sup>

jalas®

**JALAS® 3000 ZENIT**

EN ISO 20345:2011, S1 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

BIND SOLE MATERIAL SBS

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETSZENIT  
COLLECTION

jalas®





**JALAS® 3020 ZENIT**

EN ISO 20345:2011, S1 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

BIND SOLE MATERIAL SBS

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES Oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors

**ZENIT**  
COLLECTIONreddot design award  
winner 2012**jalas®****JALAS® 3800A MGR MONZA RESPIRO**

EN ISO 20345:2011, S1 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, red

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, good grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETS**mgr**  
COLLECTION**jalas®****JALAS® 3820A CHALLENGER RESPIRO**

EN ISO 20345:2011, S1 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, stabilizer, adjustable heel strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, good grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETS**jalas®**

**JALAS® 3920A CHALLENGER**

EN ISO 20345:2011, S1 HRO SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, adjustable heel strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors


**JALAS® 1510 ANTISLIP**

EN ISO 20345:2011, S1 SRC HRO

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors


**JALAS® 3100 MONZA GRIP**

EN ISO 20345:2011, S1 HRO SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors






**JALAS® 3350 EASY GRIP**

EN ISO 20345:2011, S1 HRO SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, harsh environments


**JALAS® 3360 MONZA SARA**

EN ISO 20345:2011, S1 HRO SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-42

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors


**JALAS® 3500 WHITE**

EN ISO 20345:2011, S1 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR White, black

FEATURES Low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors




**JALAS® 3510 WHITE RESPIRO**ONLY AVAILABLE IN CERTAIN MARKETS

EN ISO 20345:2011, S1 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank,  
TPU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-  
based conductive thread, double shock  
absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR White, black

FEATURES Breathable membrane, patented  
by Geox, perforated, oil-resistant outsole,  
anti-static properties, polstered shaft edge,  
ventilating insole, stabilizator, double shock  
absorption zones, conforms with IEC 61340-5-1  
(ESD)PROPERTIES Highest level of protection, good  
grip, excellent fit, extra comfortable, very  
breathable, excellent shock absorptionPRIMARY ENVIRONMENTS OF USE Indoors,  
dry environments
**JALAS® 3400A MONZA SPORT**

EN ISO 20345:2011, S1 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-  
based conductive thread, shock absorption zone  
in Ergothan

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, orange

FEATURES Low weight, oil-resistant outsole,  
anti-static properties, polstered shaft edge,  
ventilating insole, double shock absorption  
zones, conforms with IEC 61340-5-1 (ESD)PROPERTIES Highest level of protection,  
excellent grip, excellent fit, extra comfortable,  
breathable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors








SAFETY RATING S1P



**JALAS® 1708 ZENIT EASYROLL**

EN ISO 20345:2011, S1 SRC P

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, Boa® closure system, quick-tie, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration

ZENIT  
COLLECTION

jalas®

**JALAS® 3008 ZENIT**

EN ISO 20345:2011, S1 SRC P

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration

ZENIT  
COLLECTION

jalas®

**JALAS® 1518 ANTISLIP+**

EN ISO 20345:2011, S1 P SRC HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 35-50

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration



jalas®



**JALAS® 3108 MONZA GRIP**

EN ISO 20345:2011, S1P HRO SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, rear shock absorption zone, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration


**JALAS® 3108W MONZA GRIP**

EN ISO 20345:2011, S1P SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Steel

FITTING Regular

SIZE RANGE 34-35

PLATFORM Ergosport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, yellow

FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration


**JALAS® 6418 BIO**

EN ISO 20345:2011, S1 SRC P

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Composite

FITTING Narrow/Regular

SIZE RANGE 36-47

PLATFORM Green Line

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, green

FEATURES ProNose toe reinforcement, oil-resistant outsole, metal free, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), good environmental choice, meets the EU flower environmental criteria

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, metal-free requirements for shoes, environments with risk for outsole penetration





**JALAS® 3408A MONZA SPORT**

EN ISO 20345:2011, S1P SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL PU-coated leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, orange

FEATURES ProNose toe reinforcement, low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration



*mSport* **jalas®**

**JALAS® 3438 ARIOSO**

EN ISO 20345:2011, S1P SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX1 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL PU-coated leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES ProNose toe reinforcement, low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, rear shock absorption zone, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, breathable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors, environments with risk for outsole penetration



**jalas®**







SAFETY RATING S2





**JALAS® 3010 ZENIT**

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

BIND SOLE MATERIAL SBS

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETS**ZENIT**  
COLLECTION**jalas®****JALAS® 3030 ZENIT**

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

BIND SOLE MATERIAL SBS

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES Oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors

**ZENIT**  
COLLECTION**jalas®****JALAS® 3890 COYOTE RESPIRO**

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, red

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, good grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETS**jalas®**

**JALAS® 3700A MGR ULTIMA RESPIRO**ONLY AVAILABLE IN CERTAIN MARKETS

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank,  
TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-  
based conductive thread, merino wool, double  
shock absorption zones in Poron® XRD™UPPER MATERIAL PU-coated leather, nubuck  
leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, blue, grey

FEATURES Breathable membrane, patented  
by Geox, perforated, oil-resistant outsole,  
anti-static properties, polstered shaft edge,  
ventilating insole, stabilizator, water repellent,  
double shock absorption zones, conforms with  
IEC 61340-5-1 (ESD)PROPERTIES Highest level of protection, good  
grip, excellent fit, extra comfortable, very  
breathable, excellent shock absorptionPRIMARY ENVIRONMENTS OF USE Outdoors,  
dry environments


**JALAS® 3830 BLACK RESPIRO**ONLY AVAILABLE IN CERTAIN MARKETS

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank,  
TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-  
based conductive thread, merino wool, double  
shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Breathable membrane, patented  
by Geox, perforated, oil-resistant outsole,  
anti-static properties, polstered shaft edge,  
ventilating insole, stabilizator, double shock  
absorption zones, conforms with IEC 61340-5-1  
(ESD)PROPERTIES Highest level of protection, good  
grip, excellent fit, extra comfortable, very  
breathable, excellent shock absorptionPRIMARY ENVIRONMENTS OF USE Outdoors,  
dry environments

**JALAS® 1540 ROUTE**

EN ISO 20345:2011, S2 SRC HRO CI

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank,  
rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-  
based conductive thread, double shock  
absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, Cordura®

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, blue

FEATURES Wide fit, heat-resistant outsole,  
oil-resistant outsole, anti-static properties,  
polstered shaft edge, ventilating insole, water  
repellent, double shock absorption zones,  
conforms with IEC 61340-5-1 (ESD)PROPERTIES Highest level of protection,  
excellent grip, excellent fit, extra comfortable,  
excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors





**JALAS® 3110 LIGHT GRIP**

EN ISO 20345:2011, S2 HRO SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Split leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors


**JALAS® 3460A LIGHT SPORT**

EN ISO 20345:2011, S2 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL Split leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, orange

FEATURES Low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors


**JALAS® 1550 LOW**

EN ISO 20345:2011, S2 SRC HRO CI

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyester

COLOUR Black

FEATURES ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, all-year use, warm surfaces

HEATH AND WELDING




**JALAS® 3520 WHITE**

EN ISO 20345:2011, S2 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyester, polyamide

COLOUR White

FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors


**JALAS® 3150 TREK**

EN ISO 20345:2011, S2 HR0 SRB

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use


**JALAS® 3870S TREK C RESPIRO**

EN ISO 20345:2011, S2 SRC

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 38-47

PLATFORM Stabilizator

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, red

FEATURES Breathable membrane, patented by Geox, perforated, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, stabilizator, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, good grip, excellent fit, extra comfortable, very breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, dry environments

ONLY AVAILABLE IN CERTAIN MARKETS








SAFETY RATING S3





**JALAS® 9508 EXALTER**

EN ISO 20345:2011, S3 SRC HRO

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Performance

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX3 Exalter2

INSOLE MATERIAL Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Hygienical polyamide

COLOUR Black, grey, green

FEATURES Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, stabilizer, water repellent, ergonomically shaped, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration



EXALTER<sup>2</sup>  

**JALAS® 9528 EXALTER**

EN ISO 20345:2011, S3 SRC HRO

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Performance

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX3 Exalter2

INSOLE MATERIAL Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Hygienical polyamide

COLOUR Black, grey, red

FEATURES Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, stabilizer, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration



EXALTER<sup>2</sup>  

**JALAS® 1738 ZENIT EASYROLL**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, Boa® closure system, quick-tie, stabilizer, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration



ZENIT  



**JALAS® 3018 ZENIT**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyamide, polyester

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded shaft edge in memory foam, ventilating insole, stabilizer, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration

**ZENIT**  
COLLECTIONreddot design award  
winner 2012**jalas®****JALAS® 3305 DRYLOCK**

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Split leather, Cordura®

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, waterproof, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, wet environments

**DRY+LOCK****jalas®****JALAS® 3308 DRYLOCK**

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather, Cordura®

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, waterproof, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, wet environments, harsh environments

**DRY+LOCK****jalas®**

**JALAS® 1335 BLACK**

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration


**JALAS® 1538 TERRA**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 35-50

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, harsh environments


**JALAS® 1548 ROUTE+**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, Cordura®

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, blue

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration




**JALAS® 1568 PITSTOP**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, harsh environments


**JALAS® 3045 FORTYFIVE**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, yellow, white

FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, stabilizator, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration


**JALAS® 3118 LIGHT GRIP**

EN ISO 20345:2011, S3 HRO SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Split leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration






**JALAS® 3118W LIGHT GRIP**

EN ISO 20345:2011, S3 SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Steel

FITTING Regular

SIZE RANGE 34-35

PLATFORM Ergosport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Split leather, textile

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration


**JALAS® 3358S EASY GRIP**

EN ISO 20345:2011, S3 HR0 SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), heat-resistant, withstands welding sparks and grinding splash

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, warm surfaces, environments with risk for outsole penetration, harsh environments


**JALAS® 6428 PRIMA**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Composite

FITTING Narrow/Regular

SIZE RANGE 36-47

PLATFORM Green Line

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Oil-resistant outsole, metal free, anti-static properties, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, metal-free requirements for shoes, environments with risk for outsole penetration




**JALAS® 6468 EKO**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Composite

FITTING Narrow/Regular

SIZE RANGE 36-47

PLATFORM Green Line

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyamide

COLOUR Black, grey, green

FEATURES ProNose toe reinforcement, oil-resistant outsole, metal free, anti-static properties, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), good environmental choice, meets the EU flower environmental criteria

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE

Outdoors, metal-free requirements for shoes, environments with risk for outsole penetration



green line



jalas®

**JALAS® 3448 LIGHT**

EN ISO 20345:2011, S3 SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX1 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES ProNose toe reinforcement, low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, rear shock absorption zone, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, harsh environments



jalas®

**JALAS® 3468A LIGHT SPORT**

EN ISO 20345:2011, S3 SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL Split leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, orange

FEATURES ProNose toe reinforcement, low weight, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration



mSport

jalas®



**JALAS® 1718 ZENIT EASYROLL**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, RPU outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, quick-tie, stabilizer, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration

ZENIT  
COLLECTION

jalas®

**JALAS® 1818 DRYLOCK WIDE**

EN ISO 20345:2011, S3 SRC CI WR HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, waterproof, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments



DRY+LOCK

jalas®

**JALAS® 3318 DRYLOCK**

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather, Cordura®

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, quick-tie, waterproof, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments



DRY+LOCK

jalas®



**JALAS® 3998 IMPACT**

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile  
 TOECAP MATERIAL Aluminium  
 FITTING Regular  
 SIZE RANGE 36-47  
 PLATFORM Grip  
 SOLE MATERIAL PU midsole, plastic shank, rubber outsole  
 INSOLE FX2 Supreme  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL PU-coated leather  
 PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide  
 COLOUR Black, grey  
 FEATURES ProNose toe reinforcement, D30® impact protection zone, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, adjustable ankle strap, pull loops, water repellent, specially designed details, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments



PROTECTIVE SECTIONS IN UPPER



**JALAS® 1828 JUPITER**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel  
 TOECAP MATERIAL Aluminium  
 FITTING Wide  
 SIZE RANGE 35-50  
 PLATFORM Enduro  
 SOLE MATERIAL PU midsole, rubber outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL PU-coated leather  
 PRONOSE MATERIAL PU  
 LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow  
 FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, harsh environments



**JALAS® 3055 FIFTYFIVE**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile  
 TOECAP MATERIAL Aluminium  
 FITTING Regular  
 SIZE RANGE 36-47  
 PLATFORM Zenit  
 SOLE MATERIAL PU midsole, plastic shank, RPU outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Nubuck leather  
 LINING MATERIAL Polyester, polyamide  
 COLOUR Black, grey, yellow  
 FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, stabilizator, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration



**JALAS® 4788 SAFARI**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 39-48

PLATFORM Promotion

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, zipper, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments


**JALAS® 6498 NATURE**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Composite

FITTING Narrow/Regular

SIZE RANGE 36-47

PLATFORM Green Line

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyamide

COLOUR Black, grey, green

FEATURES ProNose toe reinforcement, oil-resistant outsole, metal free, anti-static properties, ventilating insole, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), good environmental choice, meets the EU flower environmental criteria

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, metal-free requirements for shoes, environments with risk for outsole penetration



**JALAS® 3498 HIGHLIGHT**

EN ISO 20345:2011, S3 SRB

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM M-Sport

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Classic

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

UPPER MATERIAL PU-coated leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments






**JALAS® 3328 DRYLOCK**

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black

FEATURES Waterproof Drylock-membrane, ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, waterproof, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments



DRY+LOCK

jalas®

**JALAS® 1365**

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, zipper, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments



jalas®

**JALAS® 1848 TITAN+**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyester

COLOUR Black

FEATURES ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration



HEATH AND WELDING



jalas®





**JALAS® 1848K TITAN+**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyester, Thinsulate®

COLOUR Black

FEATURES ProNose toe reinforcement, Thinsulate™ heat insulation, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE

Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration

HEATH AND WELDING**jalas®****JALAS® 1868 KING**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Cambrelle®, polyester, Thinsulate®

COLOUR Black

FEATURES ProNose toe reinforcement, Thinsulate™ heat insulation, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE

Outdoors, indoors, all-year use, warm surfaces, environments with risk for outsole penetration, harsh environments

HEATH AND WELDING**jalas®****JALAS® 6438 TEMPERA**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Composite

FITTING Narrow/Regular

SIZE RANGE 36-47

PLATFORM Green Line

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester fur

COLOUR Black, yellow

FEATURES ProNose toe reinforcement, oil-resistant outsole, metal free, anti-static properties, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE

Outdoors, metal-free requirements for shoes, environments with risk for outsole penetration, cold environments, harsh environments



green line

**jalas®**

**JALAS® 1728 ZENIT EASYROLL**

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Zenit

SOLE MATERIAL PU midsole, plastic shank, RPU outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

PRONOSE MATERIAL PU

LINING MATERIAL Bio-ceramic fur, Meida® thermo insulation, aluminium foil

COLOUR Black, grey, red

FEATURES ProNose toe reinforcement, oil-resistant outsole, anti-static properties, padded boot shaft, Boa® closure system, quick-tie, stabilizer, pull loops, snow lock, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, harsh environments

**ZENIT**  
COLLECTION**jalas®****JALAS® 1808 ICETRACK**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Bio-ceramic fur, Meida® thermo insulation, aluminium foil

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, zipper, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, harsh environments

**jalas®****JALAS® 3325 DRYLOCK**

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL ThermoCloud - thermal insulation, polyester, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, snow lock, zipper, waterproof, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, wet environments, harsh environments

**DRY+LOCK****jalas®**



**JALAS® 1375**

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester fur

COLOUR Black

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, zipper, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, harsh environments


**JALAS® 1878 OFFROAD**

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 35-50

PLATFORM Enduro

SOLE MATERIAL PU midsole, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Technical fleece

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, zipper, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments


**JALAS® 3978 OFFROAD+**

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Polyester fur

COLOUR Black, red

FEATURES ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, zipper, water repellent, double shock absorption zones

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, harsh environments






### JALAS® 6448 TEMPERA HIGH

EN ISO 20345:2011, S3 SRC

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile  
 TOECAP MATERIAL Composite  
 FITTING Narrow/Regular  
 SIZE RANGE 36-47  
 PLATFORM Green Line  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Winter  
 INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL PU-coated leather  
 PRONOSE MATERIAL PU

LINING MATERIAL Polyester fur  
 COLOUR Black  
 FEATURES ProNose toe reinforcement, oil-resistant outsole, metal free, anti-static properties, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, metal-free requirements for shoes, environments with risk for outsole penetration, cold environments, harsh environments



### JALAS® 3778 DRYLOCK

EN ISO 20345:2011, S3 HRO WR SRB

NAIL PROTECTION MATERIAL Steel  
 TOECAP MATERIAL Aluminium  
 FITTING Regular  
 SIZE RANGE 36-47  
 PLATFORM Grip  
 SOLE MATERIAL PU midsole, rubber outsole  
 INSOLE FX2 Supreme  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Full-grain leather  
 PRONOSE MATERIAL PU  
 LINING MATERIAL Polyester fur, Drylock membrane

COLOUR Black, grey  
 FEATURES Waterproof Drylock-membrane, ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, snow lock, zipper, waterproof, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, wet environments, harsh environments



### JALAS® 1858 POLAR

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Steel  
 TOECAP MATERIAL Aluminium  
 FITTING Wide  
 SIZE RANGE 39-48  
 PLATFORM Enduro  
 SOLE MATERIAL PU midsole, rubber outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL PU-coated leather  
 PRONOSE MATERIAL PU

LINING MATERIAL Technical fleece  
 COLOUR Black, grey, yellow  
 FEATURES ProNose toe reinforcement, wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, zipper, water repellent, reflector, double shock absorption zones  
 PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption  
 PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, harsh environments



### JALAS® 1898 WINTER KING

EN ISO 20345:2011, S3 SRC CI HRO

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Wide

SIZE RANGE 35-50

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

PRONOSE MATERIAL PU

LINING MATERIAL Bio-ceramic fur, Meida® thermo insulation, aluminium foil

COLOUR Black, grey, yellow

FEATURES ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, pull loops, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, heat-resistant, withstands welding sparks and grinding splash

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, warm surfaces, environments with risk for outsole penetration, cold environments, harsh environments



HEATH AND WELDING



### JALAS® 3988 MGR WINPRO

EN ISO 20345:2011, S3 SRB HRO CI

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 39-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

PRONOSE MATERIAL PU

LINING MATERIAL Polyester fur

COLOUR Black, blue, grey

FEATURES ProNose toe reinforcement, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, adjustable ankle strap, pull loops, snow lock, water repellent, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, good fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, environments with risk for outsole penetration, cold environments, harsh environments







SAFETY RATING F2A





## JALAS® 4768 FIRE

EN 15090:2012, F2A SRA CI

NAIL PROTECTION MATERIAL Steel

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 39-48

SOLE MATERIAL Solid rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyamide, Porelle®, D30®

COLOUR Black, yellow

FEATURES D30® impact protection zone, KEVLAR® thread in the seams which resists 427° C short-term heat exposure (max operating limit) and 204° C longer-term heat exposure (constant operating limit), heat-resistant upper, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, waterproof, reflector, specially designed details, double shock absorption zones, heat-resistant, withstands welding sparks and grinding splash

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments



PROTECTIVE SECTIONS IN UPPER



**jalas®**





SAFETY RATING SB





**JALAS® 2900 JACK**

EN ISO 20345:2011, SB A E ORO

TOECAP MATERIAL Steel

FITTING Regular

SIZE RANGE 34-47

PLATFORM Gram

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors


**JALAS® 3170 CHEF**

EN ISO 20345:2011, SB SRB A E HRO

TOECAP MATERIAL Aluminium

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, folding heel strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Highest level of protection, excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors








A close-up photograph of a person's feet wearing black, lace-up occupational shoes. The shoes are positioned on a vibrant red carpet. The person's legs are clad in black trousers. The background is softly blurred, showing a light-colored wall and a wooden table. The text "OCCUPATIONAL FOOTWEAR" is overlaid in white, bold, uppercase letters across the middle of the image.

**OCCUPATIONAL FOOTWEAR**

## Occupational footwear

Feet are the fundament of your body and they require and deserve shoes with good shock absorption properties, shoes that are sturdy and protective – even if you don't necessarily require safety features such as toecaps or nail penetration inserts.

Our occupational shoes fulfil the same criteria as our safety shoes when it comes to durability, sturdiness, comfort and ergonomics.





# Rules and standards

All the occupational footwear in our product range comply with EN standards and applicable norms for worker safety within various professional fields. The various EN standards are based on the PPE Directive (89/686/EEC).

The table below shows the various protection classes. There are also a number of additional tests – see the fact box for examples.

*Please contact customer service at +247 360 00 if you need help picking the right shoes.*

OCCUPATIONAL FOOTWEAR, TABLE ACCORDING TO STANDARD EN ISO 20347:2012							
CLASS		Fully enclosed heel	A Electrical resistance (between 0.1-1000 MegaOhms)	E Energy absorption in the heel area (tested at 20 Joules)	WRU Water-resistant upper	Cleated outsole	P Penetration- resistant outsole
I, II	<b>OB</b>						
I	<b>01</b>	●	●	●			
I	<b>02</b>	●	●	●	●		
I	<b>03</b>	●	●	●	●	●	●
II	<b>04</b>	●	●	●	●		
II	<b>05</b>	●	●	●	●	●	

**O** Shoes marked with an O are not equipped with a protective steel toecap but meet the basic requirements for work shoes.

**Class I** Footwear made from leather and other materials, excluding all-rubber or all-polymeric footwear.

**Class II** All-rubber (i.e. entirely vulcanised) or all-polymeric (i.e., entirely moulded) footwear.

**P** Penetration-resistant outsole.

**HRO** Heat-resistant outsole compound tested at 300°C.

**WR** Water-resistant footwear.

**WRU** Water-resistant upper.

**CI** Cold insulation.

**ESD** Electrostatic Discharge.

**ESD IEC 61340-5-1** Electrostatic Discharge resistance below 35 MegaOhm.

**SRA** Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution.

**SRB** Slip-resistance on steel floor with glycerol.

**SRC** SRA + SRB.

**FO** Oil-resistant outsole.

**A** Electrical resistance (between 0.1-1000 MegaOhms).

**E** Energy absorption in the heel area (tested at 20 Joules).

# JALAS® occupational footwear collections



## FLOWER

The Flower collection comprises lightweight shoes with a PU outsole for good grip. Available both as a covered shoe and as a sandal. Detachable insole with double shock absorption zones. These models are suitable for healthcare, retailing, cleaning staff or restaurant staff.

## GRAND WALKING

GRAND WALKING

A collection of light, handsome shoes for demanding users. Perfect if you spend a lot of time standing and walking on hard floors. Detachable insole with double shock absorption zones.



## GRAM À LA SARA

The thick PU-treated outsole is flexible, shock-absorbing and grips well, even on wet surfaces. The fixed heel strap gives the shoes a secure, ergonomic fit. Upper in washable microfiber. Detachable insole with double shock absorption zones.

## TANDEM

The collection comprises two light, comfortable models for demanding users. Ventilating detachable insole, adjustable heel strap, washable at 40°C. Especially suitable for the healthcare, retailing, cleaning and restaurant sectors.





SAFETY RATING 01





### JALAS® 9512 EXALTER

EN ISO 20347:2012, O1 SRC HRO

TOECAP MATERIAL Plastic

FITTING Regular

SIZE RANGE 36-47

PLATFORM Performance

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX3 Exalter2

INSOLE MATERIAL Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber, textile

LINING MATERIAL Hygienical polyamide

COLOUR Black, grey, blue

FEATURES Low weight, heat-resistant outsole, oil-resistant outsole, anti-static properties, ventilating insole, stabilizer, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours, good environmental choice

PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Indoors



### JALAS® 1102 VIOLA

EN ISO 20347:2012, O1 SRC FO

FITTING Regular

SIZE RANGE 36-42

PLATFORM Flower

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Flower

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Microfibre, polyester

COLOUR Black, pink

FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption, extremely Light

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, office environments, dry environments, clean environments



### JALAS® 1112 IRIS

EN ISO 20347:2012, O1 SRC FO

FITTING Regular

SIZE RANGE 36-42

PLATFORM Flower

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Flower

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Microfibre, polyester

COLOUR Black, grey, pink

FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, adjustable ankle strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, good fit, extra comfortable, very breathable, excellent shock absorption, extremely Light

PRIMARY ENVIRONMENTS OF USE Indoors, office environments, dry environments, clean environments



**JALAS® 1122 STELLA**

EN ISO 20347:2012, O1 SRC

FITTING Regular  
 SIZE RANGE 36-42  
 PLATFORM Flower  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Flower  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Full-grain leather  
 LINING MATERIAL Microfibre, polyester

COLOUR Black, pink  
 FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, extremely Light  
 PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, office environments



**JALAS® 1132 INKA**

EN ISO 20347:2012, O1 SRC FO

FITTING Regular  
 SIZE RANGE 36-42  
 PLATFORM Flower  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Flower  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Full-grain leather  
 LINING MATERIAL Polyester, polyamide

COLOUR Black, white  
 FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, adjustable ankle strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption, extremely Light  
 PRIMARY ENVIRONMENTS OF USE Indoors, dry environments, clean environments



**JALAS® 1142 ERICA**

EN ISO 20347:2012, O1 SRC FO

FITTING Regular  
 SIZE RANGE 36-42  
 PLATFORM Flower  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Flower  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Full-grain leather  
 LINING MATERIAL Polyester, polyamide

COLOUR Black  
 FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, adjustable ankle strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption, extremely Light  
 PRIMARY ENVIRONMENTS OF USE Dry environments, clean environments



### JALAS® 3102 MONZA GRIP

EN ISO 20347:2011, O1 SRB HRO FO

TOECAP MATERIAL Plastic

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, split leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey, yellow

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, polstered shaft edge, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors



**jalas®**



### JALAS® 5002 MENU BLACK

EN ISO 20347:2011, O1 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Low weight, oil-resistant outsole, anti-static properties, adjustable heel strap, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, good fit, comfortable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Indoors



GRAND WALKING **jalas®**



### JALAS® 5012 MENU WHITE

EN ISO 20347:2011, O1 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Microfiber

LINING MATERIAL Polyester, polyamide

COLOUR White

FEATURES Low weight, oil-resistant outsole, adjustable heel strap, washable in 40° C, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, good fit, comfortable, breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Indoors, dry environments, slippery environments



GRAND WALKING **jalas®**





**JALAS® 5042 CARE**

EN ISO 20347:2011, O1 SRC

FITTING Regular  
 SIZE RANGE 36-47  
 PLATFORM Grand Walking  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Microfiber  
 LINING MATERIAL Polyester, polyamide

COLOUR Black, silver  
 FEATURES Low weight, oil-resistant outsole, anti-static properties, adjustable heel strap, adjustable ankle strap, washable in 40° C, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light  
 PRIMARY ENVIRONMENTS OF USE Dry environments, clean environments



**JALAS® 5512 JOVIA**

EN ISO 20347:2012, O1 SRC FO

FITTING Regular  
 SIZE RANGE 34-47  
 PLATFORM Tandem  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Soft EVA, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Microfiber  
 LINING MATERIAL Hygienical polyamide

COLOUR Black, white  
 FEATURES Breathable mesh, low weight, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, washable in 40° C, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light  
 PRIMARY ENVIRONMENTS OF USE Indoors



**JALAS® 5562 LADY CARE**

EN ISO 20347:2012, O1 SRC FO

FITTING Regular  
 SIZE RANGE 34-43  
 PLATFORM Tandem  
 SOLE MATERIAL Plastic shank, PU outsole  
 INSOLE FX2 Pro  
 INSOLE MATERIAL Textile, soft EVA, double shock absorption zones in Poron® XRD™  
 UPPER MATERIAL Microfiber  
 LINING MATERIAL Hygienical polyamide

COLOUR Black, white  
 FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, adjustable heel strap, adjustable ankle strap, washable in 40° C, double shock absorption zones, conforms with IEC 61340-5-1 (ESD), antibacterial fibre – prevents odours  
 PROPERTIES Excellent grip, excellent fit, extra comfortable, very breathable, excellent shock absorption, light  
 PRIMARY ENVIRONMENTS OF USE Indoors





SAFETY RATING 02



### JALAS® 2102 RICHARD

EN ISO 20347:2011, O2

FITTING Regular

SIZE RANGE 39-47

PLATFORM Comfort

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Pigskin, textile

COLOUR Black

FEATURES Oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Good grip, excellent fit, extra comfortable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Dry environments, clean environments



**jalas®**



### JALAS® 2112 RONALD

EN ISO 20347:2011, O2

FITTING Regular

SIZE RANGE 39-47

PLATFORM Comfort

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Pigskin, textile

COLOUR Black

FEATURES Oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Good grip, excellent fit, extra comfortable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Dry environments, clean environments



**jalas®**



### JALAS® 5022 TOUR

EN ISO 20347:2011, O2 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Low weight, oil-resistant outsole, anti-static properties, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, office environments, dry environments, clean environments, slippery environments



GRAND WALKING **jalas®**





### JALAS® 5052 TRIP

EN ISO 20347:2011, O2 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Low weight, oil-resistant outsole, anti-static properties, ventilating insole, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, excellent shock absorption, light



GRAND WALKING

**jalas®**



### JALAS® 5062 FREE

EN ISO 20347:2011, O2 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Split leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey

FEATURES Oil-resistant outsole, anti-static properties, quick-tie, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, breathable

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors



GRAND WALKING

**jalas®**



### JALAS® 5222 TOUR

EN ISO 20347:2011, O2 SRB

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, grey

FEATURES Breathable membrane, patented by Geox, oil-resistant outsole, anti-static properties, ventilating insole, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Good grip, excellent fit, comfortable, very breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, office environments, dry environments, clean environments



GRAND WALKING

**jalas®**



## JALAS® 5282 ROAM RESPIRO

EN ISO 20347:2011, O2 SRB

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL PU midsole, plastic shank, TPU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black, brown

FEATURES Breathable membrane, patented by Geox, oil-resistant outsole, anti-static properties, ventilating insole, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Good grip, excellent fit, comfortable, very breathable, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors, indoors, office environments, dry environments, clean environments



GRAND WALKING

**jalas**®



## JALAS® 3312 DRYLOCK

EN ISO 20347:2012, O2 SRB WR HRO FO

TOECAP MATERIAL Plastic

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather, Cordura®

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black, grey, red

FEATURES Waterproof Drylock-membrane, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, waterproof, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, wet environments



DRY+LOCK

**jalas**®



## JALAS® 3322 DRYLOCK

EN ISO 20347:2011, O2 SRB WR HRO FO

TOECAP MATERIAL Plastic

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide, Drylock membrane

COLOUR Black

FEATURES Waterproof Drylock-membrane, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, waterproof, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, wet environments, harsh environments



DRY+LOCK

**jalas**®



### JALAS® 5032 MOVE

EN ISO 20347:2011, O2 SRC

FITTING Regular

SIZE RANGE 36-47

PLATFORM Grand Walking

SOLE MATERIAL Plastic shank, PU outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, double shock absorption zones in Poron® XRD™

UPPER MATERIAL Full-grain leather

LINING MATERIAL Polyester, polyamide

COLOUR Black

FEATURES Low weight, oil-resistant outsole, anti-static properties, zipper, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, warm, excellent shock absorption, light

PRIMARY ENVIRONMENTS OF USE Outdoors



GRAND WALKING

**jalas®**



### JALAS® 1872 OFFROAD

EN ISO 20347:2012, O2 SRC CI HRO

TOECAP MATERIAL Plastic

FITTING Wide

SIZE RANGE 36-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Technical fleece

COLOUR Black, grey, yellow

FEATURES Wide fit, heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, ventilating insole, pull loops, zipper, water repellent, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, all-year use, harsh environments



**jalas®**



### JALAS® 1822 BOOTS

EN ISO 20347:2012, O2 SRC CI HRO

TOECAP MATERIAL Plastic

FITTING Wide

SIZE RANGE 37-48

PLATFORM Enduro

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro

INSOLE MATERIAL Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather

LINING MATERIAL Polyester fur

COLOUR Black, grey

FEATURES Wide fit, heat-resistant outsole, oil-resistant outsole, metal free, anti-static properties, padded boot shaft, ventilating insole, pull loops, water repellent, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, metal-free requirements for shoes, cold environments, harsh environments



**jalas®**





## JALAS® 3982 MGR WINPRO

EN ISO 20347:2011, O2 SRB HRO CI FO

TOECAP MATERIAL Plastic

FITTING Regular

SIZE RANGE 39-47

PLATFORM Grip

SOLE MATERIAL PU midsole, plastic shank, rubber outsole

INSOLE FX2 Winter

INSOLE MATERIAL Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™

UPPER MATERIAL PU-coated leather, textile

LINING MATERIAL Polyester fur

COLOUR Black, blue, grey

FEATURES Heat-resistant outsole, oil-resistant outsole, anti-static properties, padded boot shaft, adjustable ankle strap, pull loops, snow lock, water repellent, reflector, double shock absorption zones, conforms with IEC 61340-5-1 (ESD)

PROPERTIES Excellent grip, excellent fit, extra comfortable, extremely warm, excellent shock absorption

PRIMARY ENVIRONMENTS OF USE Outdoors, cold environments, harsh environments



**m62**  
COLLECTION **jalas®**



A man in winter gear is shoveling snow in a snowy field. He is wearing a dark jacket, a dark scarf, and dark gloves. He is holding a shovel with a wooden handle and a metal blade. He is looking down at the snow. The background is a snowy field with some blurred structures in the distance. The text "OTHER FOOTWEAR" is overlaid on the image in white capital letters.

OTHER FOOTWEAR

## JALAS® 2552 COOL SPORT

FITTING Regular

SIZE RANGE 35-47

PLATFORM Cool Sport

SOLE MATERIAL Plastic shank, rubber, E.V.A  
outsole

INSOLE MATERIAL PU

UPPER MATERIAL Nubuck leather

LINING MATERIAL Neoprene

COLOUR Black, red

FEATURES Anatomically designed, shock  
absorbing

PROPERTIES Good grip, good fit, comfortable,  
very breathable, good shock absorption

PRIMARY ENVIRONMENTS OF USE Indoors,  
office environments, dry environments, clean  
environments



**jalas**®







# INSOLES, SOCKS AND ACCESSORIES

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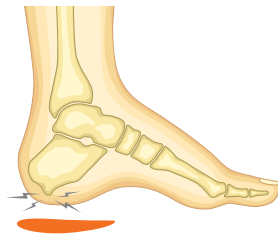


INSOLES

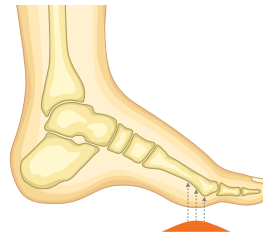


# Insoles

If you walk and stand on hard floors, your heels and the front of your feet easily become overburdened and start to hurt badly. A good insole can help you avoid foot pain. Insoles should have an indent in the heel and good cushioning properties below both the heel and the front of the foot.



*'Heel spurs' develop when the fat pad in the heel loses its cushioning quality. The heel becomes inflamed and a small outgrowth develops which causes soreness when you stand and walk.*



*When the ball of the foot is depressed, the nerves between the toe bones are pinched together. The pinching increases as a result of the foot leaning inwards (pronating).*

## **DOUBLE SHOCK ABSORPTION WITH PORON® XRD™**

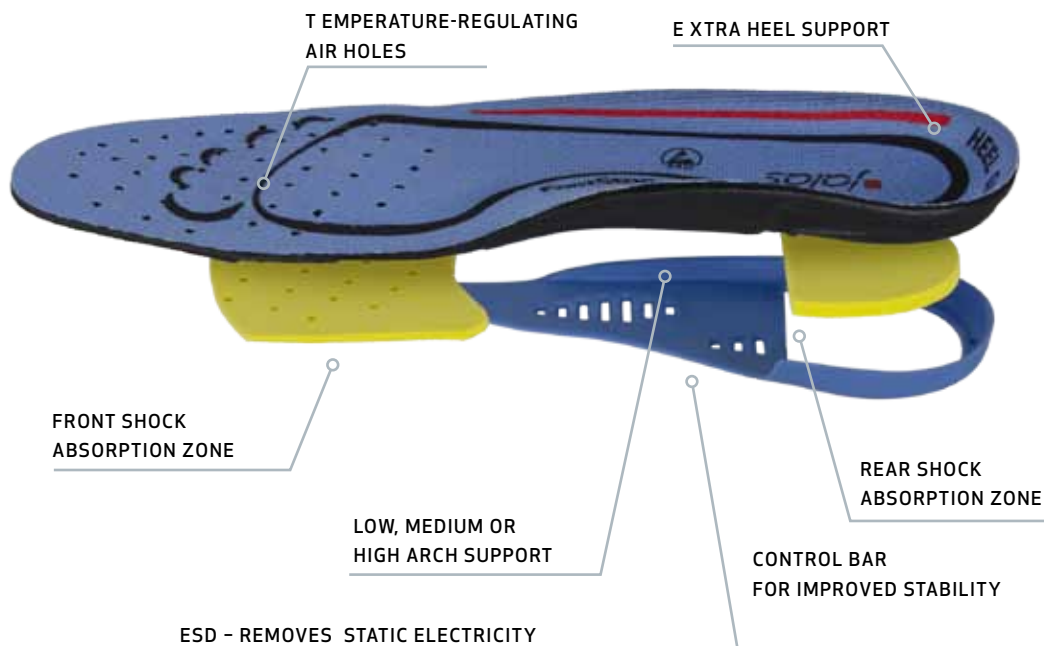
Poron® XRD™ takes shoe insoles to a whole new level in terms of shock absorption and comfort. It distributes pressure in different ways depending on how intense that pressure is. In other words, it adapts to your movement, whether you are standing or walking. The material is softer when you stand and becomes firmer when you walk to give you extra shock absorption. The shock-absorbing zones are situated where they offer the greatest benefit, under the heel and under the ball of the foot.

## **BIOCONTROL**

Our standard insoles all have a pronounced indent in the heel and built-up arches. They are flexible but stable and adapt to the foot. In sum, they give support in the right places and are very comfortable.

## FSS insoles have taken a new leap – now with double shock absorption zones

- More generous cushioning under the heel – impact energy is distributed to the sides more efficiently, which helps the heel cup mold to the heel.
- The shock absorption material Poron® XRD™ is now also used in the front of the insoles. It provides comfortable and ergonomic cushioning under the ball of the foot.
- Slightly higher arches. The blue JALAS® Neutralizer insoles, for high arches, have been adjusted based on the input from approximately 450,000 scans using the Foot Stop Service digital scanner. The adjusted model is higher than the previous one and made of a softer material for better flexibility. It is now even more suitable for high foot arches.



### LOW, MEDIUM OR HIGH FOOT ARCH?

JALAS® Neutralizer insoles are approved for use in JALAS® safety shoes and are ESD certified, just as our original insoles. The unique material provides dynamic support – so that the shock absorption of the foot is enhanced and the arch gets extra support. It makes your feet feel better and stay fit and fresh all day.

- Anatomically designed insoles for a low, medium or high arch.
- Double shock absorption zones with Poron® XRD™.
- Marked heel cups and perforated front.
- Approved for use in all JALAS® safety shoes.
- Compliant to IEC 61340-5-1 (ESD).

### JALAS® 8709H HIGH ARCH SUPPORT

Insole for high arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™, blue, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed

**MATERIAL** Textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™  
**COLOUR** Blue, black  
**SIZE RANGE** 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

**FEATURES** ESD, anatomically designed, ergonomically shaped, heel/arch support, perforated front section, cuttable, high arch, double shock absorption zones, approved for use in all JALAS® protective shoes  
**PROPERTIES** Excellent fit, extra comfortable, breathable, excellent shock absorption



FootStopService  
by JALAS

JALAS®



### JALAS® 8710M MEDIUM ARCH SUPPORT

Insole for medium arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™, green, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed

**MATERIAL** Textile, soft E.V.A, polyester based electro conductive thread, Control bar in TPU, double shock absorption zones in Poron® XRD™  
**COLOUR** Green, black  
**SIZE RANGE** 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

**FEATURES** ESD, anatomically designed, heel/arch support, perforated front section, cuttable, medium height arch, double shock absorption zones, approved for use in all JALAS® protective shoes  
**PROPERTIES** Excellent fit, extra comfortable, breathable, excellent shock absorption



FootStopService  
by JALAS

JALAS®



### JALAS® 8711L LOW ARCH SUPPORT

Insole for low arches, textile, soft E.V.A, polyester based electro conductive thread, Control bar in rigid E.V.A, double shock absorption zones in Poron® XRD™, orange, black, heel/arch support, approved for use in all JALAS® protective shoes, anatomically designed

**MATERIAL** Textile, soft E.V.A, polyester based electro conductive thread, Control bar in rigid E.V.A, double shock absorption zones in Poron® XRD™  
**COLOUR** Orange, black  
**SIZE RANGE** 34-35, 36-37, 38-39, 40-41, 42-43, 44-45, 46-47, 48-50

**FEATURES** ESD, anatomically designed, heel/arch support, perforated front section, cuttable, low arch, double shock absorption zones, approved for use in all JALAS® protective shoes  
**PROPERTIES** Excellent fit, breathable, excellent shock absorption



FootStopService  
by JALAS

JALAS®





### JALAS® 8102 FX2 PRO INSOLE

Textile, soft E.V.A, polyester based electro conductive thread, double shock absorption zones in Poron® XRD™, black

MATERIAL Textile, soft E.V.A, polyester based electro conductive thread, double shock absorption zones in Poron® XRD™

COLOUR Black

SIZE RANGE 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

FEATURES ESD, ergonomically shaped, perforated front section, double shock absorption zones, approved for use in all JALAS® protective shoes

PROPERTIES Extra comfortable, breathable, excellent shock absorption



**jalas®**



### JALAS® 8202 FX2 SUPREME INSOLE

Textile, soft E.V.A, polyester based electro conductive thread, merino wool, double shock absorption zones in Poron® XRD™, black, grey

MATERIAL Textile, soft E.V.A, polyester based electro conductive thread, merino wool, double shock absorption zones in Poron® XRD™

COLOUR Black, grey

SIZE RANGE 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

FEATURES ESD, ergonomically shaped, soft, perforated front section, double shock absorption zones, moisture-wicking, approved for use in all JALAS® protective shoes

PROPERTIES Extra comfortable, breathable, excellent shock absorption



**jalas®**



### JALAS® 8002 FX2 FLOWER INSOLE

Textile, soft E.V.A, polyester based electro conductive thread, double shock absorption zones in Poron® XRD™, black, pink

MATERIAL Textile, soft E.V.A, polyester based electro conductive thread, double shock absorption zones in Poron® XRD™

COLOUR Black, pink

SIZE RANGE 36, 37, 38, 39, 40, 41, 42

FEATURES ESD, ergonomically shaped, perforated front section, double shock absorption zones, approved for use in all JALAS® protective shoes

PROPERTIES Extra comfortable, breathable, excellent shock absorption



**Flower**  
COLLECTION

**jalas®**



### JALAS® 8244 FX2 WINTER INSOLE

Textile, aluminium foil, soft EVA, polyester based electro conductive thread, merino wool, double shock absorption zones in Poron® XRD™, blue, beige

**MATERIAL** Textile, aluminium foil, soft EVA, polyester based electro conductive thread, merino wool, double shock absorption zones in Poron® XRD™

**COLOUR** Blue, beige

**SIZE RANGE** 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

**FEATURES** ESD, anatomically designed, soft, double shock absorption zones, antibacterial fibre – prevents odours, moisture-wicking, approved for use in all JALAS® protective shoes

**PROPERTIES** Extra comfortable, extremely warm, breathable, excellent shock absorption



**jalas®**



### JALAS® 8012 SPENCO®

Insole, black, blue

**COLOUR** Black, blue

**SIZE RANGE** 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

**PROPERTIES** Excellent shock absorption, extremely Light



**jalas®**



SOCKS



# Socks

## THE INNERMOST LAYER IS IMPORTANT FOR YOUR COMFORT

The material closest to your body is supposed to keep you dry. If you're dry, it's easier to keep warm in winter and avoid frozen toes. In the summer, you avoid chafing caused by wet socks.

## WHAT HAPPENS IN WINTER?

Your body doesn't give priority to your hands and feet when it grows cold. Instead, the blood rushes to more vital organs. A wet sock without special features stays wet, and speeds up the chilling process further. This occurs, for instance, when you use cotton socks. The sweat stays in the cotton, the warming properties in the material vanish completely and the socks have to be changed.

## WHAT HAPPENS IN SUMMER?

During the warm part of the year, socks become even more moist. In ordinary cotton socks the moisture stays put and is collected beneath the toes and in the sole. The moist material is rubbed to and fro between the foot and the shoe, and pretty soon you have a painful sore.

### USEFUL INFORMATION

Usually, if you choose socks of a slightly thicker model, you only need to wear a single pair. But if you are prone to chafing and/or sweaty feet, it might be a good idea to use two pairs - in summer as well. Choose a thin inner sock that actively carries away moisture and a slightly thicker sock on top that creates a degree of airspace inside the shoe. Anti-chafing plasters are an excellent means of preventing sores.



## FOOT SORES ARE EASY TO AVOID

So if the microclimate – the millimetre of air surrounding your body – is kept dry, you solve many problems. Always make sure you use good functional material closest to the foot: material that actively seeks to keep your feet dry.

### **VISCOSE**

Viscose is a synthetic fibre – the raw material is cellulose in various forms, especially wood. There are different types of viscose, depending on which manufacturing method is used. The most common raw materials are spruce, beech, bamboo and eucalyptus. Viscose has the same kinds of properties as cotton, absorbing moisture extremely well.

### **BAMBOO**

Bamboo socks keep the user's feet cool and dry and take care of foot sweat and bad odour. Socks made from bamboo are anti-bacterial and eliminate many germs, which means they stay fresh longer. They also combat fungus.

### **BEECH FIBRE (LENZING MODAL)**

Modal is a regenerated fibre with better properties than ordinary viscose. It is stronger, for instance. Made from beech wood, it is composed of cellulose, just like cotton, and therefore has similar properties. When mixed with other materials such as wool, acrylic or polyester, Lenzing Modal improves performance – garments become softer and warmer and carry away moisture and bad odour. Requires 10-20 times less water than cotton plantations.

### **FR (FLAME RETARDANT)**

This is a viscose fibre in which a flame retardant is encapsulated. Consequently, the retardant cannot be washed or worn away. In other textiles with flameproofing the flame retardant is often added retroactively, which means that it is not permanent. FR has the same properties as the Modal fibre: high moisture absorption, soft and comfortable.

### **WOOL (RAGG SOCK)**

Wool is soft and insulates the feet against both heat and cold. It can absorb steam without feeling moist. The material breathes, is flameproof and easy to manage.

### **ESD SOCK**

The same properties as beech fibre (Lenzing Modal). Conducts static electricity, thanks to the inclusion of carbon fibre thread.

**JALAS® 8201**

Sock, beech, carbon thread, Lycra®, Lenzing Modal®, nylon, polyester, black, grey, breathable, antibacterial fibre – counteracts odours, soft

MATERIAL Beech, carbon thread, Lycra®, Lenzing Modal®, nylon, polyester

COLOUR Black, grey

SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hook with hangtag

FEATURES ESD, soft, washable in 40° C, antibacterial fibre – prevents odours, moisture-wicking, thin

PROPERTIES Excellent fit, extra comfortable, very breathable, light



**jalas®**



**JALAS® 8208**

Sock, beech, Lycra®, Lenzing Modal®, polyamide, black, antibacterial fibre – counteracts odours, soft

MATERIAL Beech, Lycra®, Lenzing Modal®, polyamide

COLOUR Black

SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hook with hangtag

FEATURES Soft, washable in 40° C, antibacterial fibre – prevents odours, moisture-wicking, thin

PROPERTIES Excellent fit, extra comfortable, very breathable



**jalas®**



**JALAS® 8210**

Sock, beech, Lycra®, Lenzing Modal®, polyamide, black, grey, breathable, half terry cloth, antibacterial fibre – counteracts odours, soft

MATERIAL Beech, Lycra®, Lenzing Modal®, polyamide

COLOUR Black, grey

SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hook with hangtag

FEATURES Soft, washable in 40° C, half terry cloth, antibacterial fibre – prevents odours, moisture-wicking

PROPERTIES Excellent fit, extra comfortable



**jalas®**





**JALAS® 8212**

Sock, beech, Lycra®, Lenzing Modal®, polyamide, black, grey, winter-lined, breathable, full terry cloth, antibacterial fibre – counteracts odours, soft

MATERIAL Beech, Lycra®, Lenzing Modal®, polyamide  
 COLOUR Black, grey  
 SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47  
 PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hangtag with euro slot  
 FEATURES Soft, elastic, washable in 40° C, full terry cloth, antibacterial fibre – prevents odours  
 PROPERTIES Excellent fit, extra comfortable, extremely warm



**JALAS® 8214**

Sock, aramid, beech, elastane, Lenzing FR®, polyester, black, flame retardant, breathable, half terry cloth, antibacterial fibre – counteracts odours, withstands welding sparks and grinding splash

MATERIAL Aramid, beech, elastane, Lenzing FR®, polyester  
 COLOUR Black  
 SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47  
 PAIRS PER PACKAGE/CARTON 6/60  
 DISPLAY Hangtag with euro slot

FEATURES Flame retardant, soft, washable in 40° C, half terry cloth, antibacterial fibre – prevents odours, moisture-wicking, thin, withstands welding sparks and grinding splash  
 PROPERTIES Durable, extra comfortable, very breathable



**JALAS® 8203**

Sock, bamboo, nylon, polyester, spandex, black, breathable, antibacterial fibre – counteracts odours, soft

MATERIAL Bamboo, nylon, polyester, spandex  
 COLOUR Black  
 SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47  
 PAIRS PER PACKAGE/CARTON 6/60  
 DISPLAY Hook with hangtag

FEATURES Soft, elastic, washable in 40° C, antibacterial fibre – prevents odours, moisture-wicking, thin  
 PROPERTIES Excellent fit, extra comfortable, very breathable



**JALAS® 1053**

Sock, aramid, polyester, spandex, black, soft

MATERIAL Aramid, polyester, spandex

COLOUR Black

SIZE RANGE 34-36, 37-39, 40-42, 43-45, 46-48

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hangtag with euro slot

FEATURES Flame retardant, soft, washable in 40° C, half terry cloth

PROPERTIES Good fit, comfortable, breathable



**jalas®**



**JALAS® 4400**

Sock, cotton, nylon, blue, half terry cloth, soft

MATERIAL Cotton, nylon

COLOUR Blue

SIZE RANGE 37-39, 40-45

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hook with hangtag

FEATURES Soft, washable in 40° C, half terry cloth

PROPERTIES Good fit, comfortable, breathable



**jalas®**



**JALAS® 4451**

Sock, cotton, nylon, white, blue, half terry cloth, soft

MATERIAL Cotton, nylon

COLOUR White, blue

SIZE RANGE 37-39, 40-45

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hangtag with euro slot

FEATURES Washable in 40° C, half terry cloth

PROPERTIES Good fit, comfortable



**jalas®**



## SOCKS

### JALAS® 8205

Sock, cotton, Coolmax®, elastane, polyester, black, grey, breathable, soft

MATERIAL Cotton, Coolmax®, elastane, polyester

COLOUR Black, grey

SIZE RANGE 36-38, 39-41, 42-43, 44-45, 46-47

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hangtag with euro slot

FEATURES Soft, washable in 40° C, half terry cloth, moisture-wicking

PROPERTIES Excellent fit, extra comfortable, extremely warm, breathable



**jalas®**



## WOOL SOCKS

### JALAS® 8211

Wool sock, acrylic, wool, black, grey, winter-lined, full terry cloth, soft

MATERIAL Acrylic, wool

COLOUR Black, grey

SIZE RANGE 39-41, 42-43, 44-45, 46-47

PAIRS PER PACKAGE/CARTON 6/60

DISPLAY Hangtag with euro slot

FEATURES Soft, washable in 40° C, full terry cloth

PROPERTIES Durable, comfortable, warm



**jalas®**



### JALAS® 4700

Wool sock, elastane, nylon, wool, grey, winter-lined, soft

MATERIAL Elastane, nylon, wool

COLOUR Grey

SIZE RANGE 35-37, 38-40, 41-43, 44-47

PAIRS PER PACKAGE/CARTON 6/120

FEATURES Washable in 40° C

PROPERTIES Warm



**jalas®**





ACCESSORIES



## 6000

Polyester, black, white

MATERIAL Polyester  
COLOUR Black, white

SIZE RANGE 100, 150  
LENGTH 100cm, 150cm



## 6006

Nomex®, black

MATERIAL Nomex®  
COLOUR Black

SIZE RANGE 100, 150  
LENGTH 100cm 150cm



## 8003

Shoelace, black

COLOUR Black  
SIZE RANGE 100, 120, 150, 180, 90

LENGTH 90cm 100cm 120cm 150cm 180cm



## 8017

Anti-slip protection, TPE, black, reflector, five studs

MATERIAL TPE  
COLOUR Black  
SIZE RANGE S, M, L, XL

FEATURES Reflector, five studs  
PROPERTIES Excellent grip



## 8018 SLIP-PROTECTOR

Anti-slip protection, TPE, six studs

MATERIAL TPE  
SIZE RANGE L, XL

PROPERTIES Excellent grip



## 8023 SLIP PROTECTION

Anti-slip protection, TPE, black

MATERIAL TPE  
COLOUR Black  
SIZE RANGE 36-40, 40-44, 44-48

FEATURES Ten studs  
PROPERTIES Excellent grip





## EXPLANATION OF SYMBOLS, PROTECTIVE GLOVES



EN 388:2003  
Protective gloves  
against mechanical  
risks



EN 407:2004  
Protective gloves  
against thermal risks  
(heat and/or fire)



EN 511:2006  
Protective gloves  
against cold



EN 374-2:2003  
Protective gloves against  
chemicals and micro-  
organisms - Part 2:  
Determination of  
resistance to  
penetration



EN 374-3:2003  
Protective gloves against  
chemicals and micro-  
organisms - Part 3:  
Determination of  
resistance to  
permeation by  
chemicals



EN 374-3:2003  
Protective gloves against  
chemicals and micro-  
organisms - Part 3:  
Determination of  
resistance to  
permeation by  
chemicals



EN 374-3:1994  
Determination of  
resistance to permeation  
by chemicals



EN 421:1994  
Protective gloves  
against radioactive  
contamination



EN 381-7:1999  
Hand-held chain saw  
protective gloves



Suitable for contact  
with foodstuffs



Suitable for contact  
with foodstuffs,  
except for fatty foods



Information/UIS



Waterproof



Water repellent



Windproof



Breathable



Cut protection



Warm lining



ESD



Latex



Short model

## EXPLANATION OF SYMBOLS, PROTECTIVE FOOTWEAR



Aluminium  
toecap



Steel  
toecap



Composite  
toecap



Nail protection  
in steel



Nail protection in  
plasma-treated  
composite (PTC)  
textile



Winter model



Waterproof



Water repellent



Oil-resistant  
outsole



Heat-resistant  
outsole



Wide fit



Ergothan Shock  
Absorption System



Shock absorbing



ProNose toe  
reinforcement



Heat-resistant  
upper



Zipper



Stabilizer



Anti-static  
properties



ESD



SP-105



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