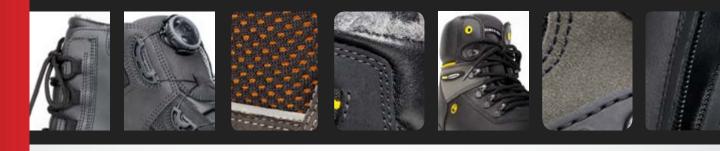




FEB 2016







ANATOMICALLY SAFE FOOTWEAR

JALAS® safety shoes are the most technically advanced on the market. From concept through to testing, they are made to protect your feet - now with one of the world's most advanced shock absorption systems.

With JALAS® it's not just about protecting against falling objects, sharp items or temperatures etc at any cost. we also understand shoes have to be comfortable & light - this way you'll wear them all day. They also improve your posture and prevent long-term damage to other parts of your body.

we firmly believe in the strength of JALAS products, and never stop searching for new solutions. we believe in safety, quality, ergonomics and comfort without compromise



Since 1916, FINLAND has been home to our main production facilities, R&D team and a sophisticated laboratory.

The almost 100-year story of JALAS has been filled with success and has made it one of Europe's leading brands.

It starts with your feet...

Feet are actually amazingly engineered constructions. they support your weight, provide stability, balance, and shock absorption. And it has to do its job all your life.

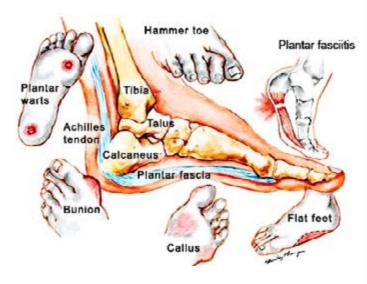
A tough task indeed.



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.

It's no surprise that so many things can go wrong...

WE WANT to protect your feet from stress & strain injuries WE WANT your body to last a lifetime WE FEEL Everyone deserves good shoes at work.



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 specialising in industrial and sporting situations.



YOUWALK ALMOST 3,200KM EVERY YEAR AT WORK*. IT'S NOTHARD TO SEE THE VITAL ROLE SHOESPLAY.

JALAS safety footwear is of the highest possible quality and not only minimises threats – but also maximises wellbeing.

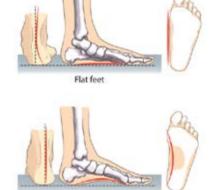
We meet the HIGHEST criteria in terms of :

- safety
- stability
- slip resistance
- ergonomics

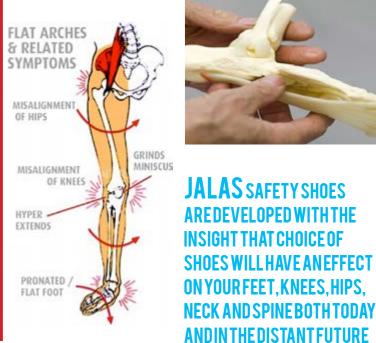
High comfort, low weight, good anatomical properties and ventilation are also equally important factors for us at JALAS.

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.



Fallen Arches & Flat Feet are epidemic, and they can cause related problems that are far more serious...





Thanks to on-going product development, in-depth materials know-how and advanced research collaborations, the shock absorbing capacities under the heel of JALAS safety footwear match those of professional running shoes.

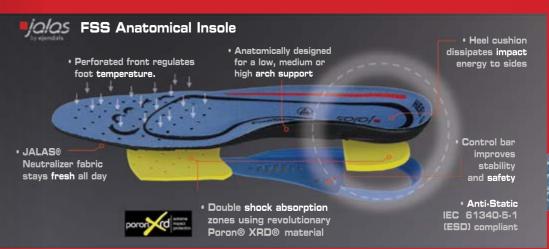




FootStopService

THE JALAS 'NEUTRALISER' IS A REVOLUTIONARY ORTHOTIC, ANATOMIC, ARCH-SUPPORTING & SHOCK-ABSORBING INSOLE.

COMBINED WITH THEIR MOBILE COMPUTERISED FOOT-SCANNING 'FOOTSTOP SERVICE' (AN INDUSTRY-FIRST), THE OCCUPATIONAL FOOT HEALTH LANDSCAPE HAS CHANGED FOREVER.







This catalogue only showcases a mall number of JALAS bestsellers. **CLICK HERE** to see the full JALAS catalogue

(Click any item on these pages below to view its page)

INTRODUCTION

INFO GLOSSARY

- REGULATIONS, TESTING + STANDARDS
- THE JALAS RANGE EXPLAINED

FOOTWEAR COMPARISON CHART

FSS Anatomical insoles

FootStopService

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.

ANKLE BOOTS



1625 E-SPORT LIGHTWEIGHT & FLEXIBLE

GEN. PURPOSE S3 BOOT



page 12 1828 JUPITER HEAVY DUTY OUTDOOR / GEN.PURPOSE S3 BOOT



1718 ZENIT EasyRoll HEAVY DUTY OUTDOOR / INDOOR S3 SAFETY BOOT



3318 DRYLOCK WATERPROOF, BREATHABLE S3 SAFETY ANKLE BOOT



1848 TITAN+ WELDING / MINING / HEAT PROTECTION S3 BOOT



6438 TEMPERA METAL-FREE FUR-LINED WINTER AIRPORT S3 BOOT



page 22 **6498 NATURE** METAL-FREE OUTDOOR AIRPORT S₃ BOOT



3150 TREK **BASIC ALL-YEAR** OUTDOOR S2 BOOT

HI-BOOTS



1868 KING

HEAT-RESISTANT /WELDERS' RIGGER



1868 Winter KING WINTER WELDING / HEAT PROTECTION RIGGER



HEAVY DUTY ALL-YEAR OUTDOOR HI-BOOT



3322 DRYLOCK

WATERPROOF, BREATHABLE SECURITY HI-BOOT



3325 DRYLOCK

WATERPROOF, BREATHABLE THERMAL WINTER HI-BOOT



3328 DRYLOCK

WATERPROOF, BREATHABLE FULL SAFETY HI-BOOT



9552 COMBAT WATERPROOF, BREATHABLE PLASTIC TOE HI-BOOT



6448 TEMPERA High METAL-FREE FUR-LINED WINTER HI-BOOT



1728 ZENIT EasyRoll QUICK-RELEASE FUR-LINED WINTER HI-BOOT



3988 MGR WinPro **FUR WINTER-LINED** S3 HI-BOOT with SNOW-LOCK





D30 IMPACT RESISTANT, HIGH HEAT-RESISTANT FIRE SERVICE S₃ HI-BOOT







3018 ZENIT OUTDOOR GEN. PURPOSE S3 TRAINER SHOE



3030 ZENIT GEN. PURPOSE OUTDOOR S2 TRAINER SHOE

page 54

page 56



6468 EKO METAL-FREE OUTDOOR AIRPORT SAFETY S3 SHOE



1738 ZENIT EasyRoll ALL-YEAR OUTDOOR GEN. PURPOSE S3 SHOE



page 60 3110 LIGHT GRIP

BASIC ALL-YEAR OUTDOOR S3 TRAINER SHOE



9548 EXALTER EasyRoll

IN/OUTDOOR LACE-FREE GÉN-PURPOSE S3 SHOE



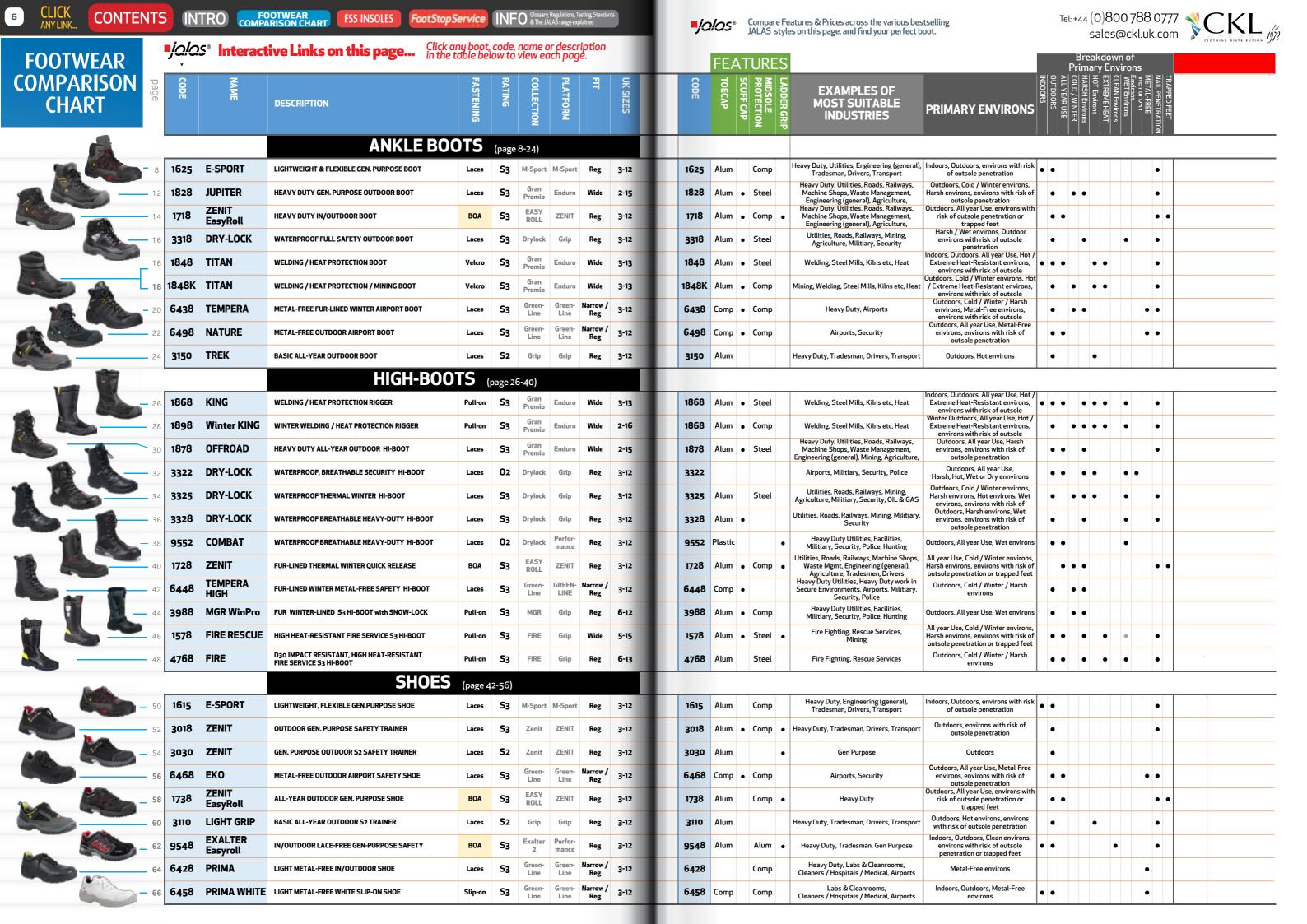
page 64 **6428 PRIMA**

LIGHTWEIGHT METAL-FREE COMPOSITE S3 SHOE



page 66 6458 PRIMA White

LIGHTWEIGHT METAL-FREE COMPOSITE S3 SLIP-ON SHOE



Aluminium toecap

composite) Textile

Oil-resistant

Absorption

Stabilizator

ESD ESD

Ergothan Shock

Nail protection midsole in PTC (plasma treated

(toecap & nail penetration

General Purpose,

(Mainly Indoors)

protection)

ideal for:

working environments. M-sport boots are made of PU which is well suited to trade & industry for indoors & outdoor use • Highly flexible (toe cap bends over 90°) which reduces foot fatigue

· Lightweight, well balanced & comfortable - perfect for general

and strain when bending.

• Insoles are dual-zone shock-absorption insoles.

e-sport collection & m-sport platform

• Safety: Aluminium toecaps are as strong as steel but much lighter. *

• PU Outsole conforms to IEC-61340-5-1

Available in: Regular fit and in safety ratings S1, S1P, S2 and S3

* Why Aluminium Toecaps and not Composite?

FX2 Classic insole

Conforms to the requirements of ESD-standard (electrostatic discharge).

Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort



inherently safer than composite, as composite toe caps do not show any visible signs of damage if they have internal cracks or fractures after an impact. User's will continue to wear the boot's along with the compromised and weakened toecaps, which could

other heavy use environments (such as construction or engineering).

silicon to cover the edge to precisely to prevent this. Even after a year of continuous

*3 Our midsoles have 2 layers of aluminium bonded to 2 layers of Kevlar that flexes. So if a nail penetrates the outsole, the midsole will flex along with the puncture as the nail pierces each layer of aluminium and then kevlar. This means that the wearer can feel a'bubble' starting to form which acts as an alert, providing more notice to the wearer that a pierce risk is underway, enabling him to take remedial action before the other layers of protection are overcome. This can make the all important difference









The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice

1625 E-Sport Boot

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISÓ 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



2(2)

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ANKLE BOOTS

ICIOS® 1625 E-Sport Boot one of the MOST advanced safety boots in Europe

JALAS® 1625 E-Sport Boot

JALAS Neutraliser Arch Supporting Orthotic Insoles. Also available in low shoe (1615) & sandal (1605) versions.

Prevents risk of: toe injuries, nail penetration, antistatic

 low weight • water & oil-resistant outsole • aluminium toecap *1 • anti-static properties • padded inner toecap edge *2 • reflector • Kevlar/Aluminium midsole *3 • padded boot shaft • ventilating insole

double shock absorption zones
 conforms with IEC 61340-5-1 (ESD).

After over €1 million of development, the result is the Jalas E-Sport range.

The 1625 is one of the most impressive & technically advanced safety boots in

Europe. In our experience, wearers who try the boots unanimously agree that

the 1625 are the most comfortable workboots they have ever experienced, with

some even reporting chronic back pain having disappeared when worn with the

LIGHTWEIGHT, FLEXIBLE & INNOVATIVE

• **Light-weight** : weighs approx. 500g

Innovative

 Flexible Comfortable Best Value

toe flexes over 90°

: feels like a normal shoe unbeatable price

GEN. PURPOSE IN/OUTDOOR S3 FULL SAFETY BOOT

1(2)

Aluminium toe caps are lighter & stronger than steel, and safer than composite *1

EN ISO 20345:2011, S3 SRC CI

Extremely comfortable, lightweight & flexible. Highest level of protection, excellent grip & fit, good shock absorption

SPECIFICATION

TYPE OF SHOE Safety Ankle boots FASTENING Laces NAIL PROTECTION Plasma-treated composite (PTC) textile FITTING Regular SIZE RANGE 36-47 COLLECTION E-Sport PLATFORM M-Sport INSOLE FX2 Classic

UPPER PU-coated leather, split leather LINING Polyester, polyamide SOLE Plastic shank, PU outsole TOECAP Aluminium * INSOLE Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

COLOUR Black (with grey & red)

ALSO AVAILABLE IN:







PRIMARY PROTECTION

FEATURES



Insole with shock absorption under the heel and a textile layer.

*1 Our aluminium toecaps are as strong as steel but much lighter, and are also then shatter and fail on much lighter subsequent impacts. In comparison, aluminium deforms on the first impact which visibly alerts the user to replace the boots.

JALAS do offer composite toecaps in some other boots in their range as some lighter duty applications demand them leg non-metal products for airport security etc), however, in those environments, heavy knocks onto the toe are far less likely than in

*2 A common complaint of work boots is that the inside edges of the toe cap over time start digging through the inner layers of the boot, and rub against the wearer's feet, which can cause significant pain or discomfort. JALAS use extra thick layers of wear, users routinely report that the boots are as comfortable as new.

between an ordinary day at work, and a trip to the infirmary.













SP Technical research institute of Sweden

10 CLICK ANY LINK...

CONTENTS

TRO COMPAR

FSS INSOLES

FootStopSer

INFO Glossary, Regulations, Testing, Standa & The JALAS range explained

QUESTION:

HOW DO YOU IMPROVE

THE LIGHTEST & MOST FLEXIBLE WORKBOOT

IN EUROPE



High-Grip Anti-Static
Oil-Resistant Outsole
& Shock Absorbing Insole



ANSWER:

...BY ADDING JALAS FSS ANATOMIC
DOUBLE SHOCK ABSORBTION INSOLES
WITH VARIOUS ARCH SUPPORT HEIGHTS...



With Jalas's revolutionary mobile FootStop Service, we will visit your premises to digitally scan the feet of your employees individually to ascertain the correct level of orthotic arch support.

For more information, see our JALAS catalogue...



Repetitive Strain Injury (RSI) is probably

the foremost work related health problem in the western world.

But many feet suffer unnecessarily.



Introducing...

FootStopService BY * jalas



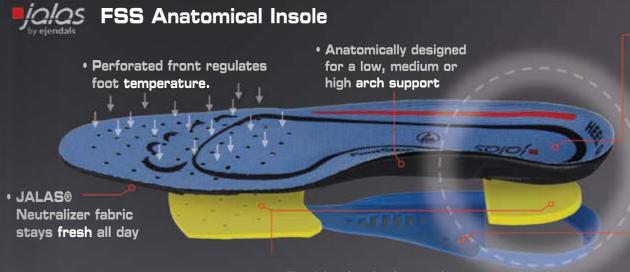
JALAS® FootStop Service is a portable foot scanning service. We will visit your organisation and test the feet of each of your staff individually for anatomically correct insoles that will help prevent RSI.



A SMALL INVESTMENT IN
THE PROPER INSOLE CAN
DRASTICALLY AFFECT
EMPLOYEE WELLBEING

Feet can be scanned with socks on. Within seconds the scanner takes key measurements such as the foot's arch size and the distribution of pressure points across the sole.

The results are available directly, allowing our staff can help you arrive at the anatomically correct shoes and insoles for each user instantly.



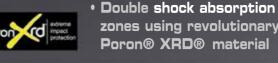
• Control bar improves stability and safety

Heel cushion

dissipates impact

energy to sides

• Anti-Static IEC 61340-5-1 (ESD) compliant



FOR A DEMONSTRATION AT YOUR SITE please contact CKL



0800 788 0777 ckl.uk.com



ideal for:

tilities, Construction, Roads, Railways,

ste Management,

Machine Shops,

Engineering,

Agiculture,

Tradesmen,

1(2)

2(2)

2/Q5[®] **1828** JUPITER

UNBEATABLE TOUGH BUT COMFORTABLE GEN. PURPOSE / OUTDOOR S3 BOOT

(Toecap, Scuff Cap, Steel Midsole, Heat-Resistant Outsole)

toecap

Steel midsole Nail protection

Heat-resistant outsole Water

repellent

Oil-resistant outsole

ProNose toe reinforcement

Wide Fit

Ergothan Shock Absorption System

Anti-Static Properties





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

EN ISO 20345:2011, S3 SRC CI HRO

SPECIFICATION

TYPE OF SHOE Safety Ankle boots FASTENING Laces FITTING Wide SIZE RANGE 35-50 **COLLECTION Gran Premio** PLATFORM Enduro

MATERIALS

UPPER PU-coated leather (1,6-1,8 mm thick)

NAIL PROTECTION MATERIAL Steel

PRONOSE PU TOECAP Aluminium

LINING Polyester, polyamide SOLE PU midsole, rubber outsole

INSOLE FX2 Pro: Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey, yellow)

ALSO AVAILABLE IN Safety High-Ankle boots (1878 'OFFROAD')

JALAS® 1828 JUPITER

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)

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Gen. Purpose, Outdoors, environments with risk of outsole penetration, harsh environments

Eg. Utilities, Construction, Roads, Railways, Engineering, Agiculture, Machine Shops, Waste Management, Tradesmen, etc





SP Technical research institute of Sweden

collection: Gran Premio (indoors & outdoors)

Gran Premio boots offer a more spacious fit, and are suitable for tough conditions indoors & outdoors unbeatable grip on winter surfaces.

sole platform: **Enduro**

- Wide fit soles made from nitrile rubber and shock absorbing heel.
- Heat-resistant up to 300°C ESD, anti-static, oil-resistant.
- 360° Grip Different surface patterns provide solid grip however you move (sideways, forwards & backwards).
- Special tread pattern & drain channels help remove water, snow & dirt.
- Stabilizator system provides ladder grip & arch support
- Wide Fit IEC-61340-5-1 Available in safety rating: S1, S1P, S2 & S3

insole: FX2 Pro

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

Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort



CE

















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1828 Jupiter

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB +

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 35, 36, 37, 38, 39,40, 41, 42, 43, 44, 45, 46, 47,48,49,50

Euro Size	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
UK Mens Size	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15
UK Ladies Sizes		3	4	5	6	6.5	7	8								
US Ladies Size		5	6	7	8	8.5	9	10	11	12	12.5					
US Mens Size				6	7	7.5	8	9	10	11	11.5	12	13	14	15	16

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



Fax +44 (0)141 420 1637 53 Wallace Street, Glasgow, G5 8DJ

JOIOS® 1718 ZENIT EasyRoll

QUICK-RELEASE FULL-SAFETY BOOT

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EN ISO 20345:2011, S3 SRC

PROPERTIES

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

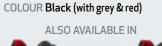
SPECIFICATION

TYPE OF SHOE Safety Ankle boot FASTENING Boa® Quick Release SIZE RANGE 36-47 FITTING Regular COLLECTION Zenit PLATFORM Zenit

MATERIALS

UPPER PU-coated leather, split leather LINING Polyester, polyamide SOLE PU midsole, RPU outsole **TOECAP Aluminium** NAIL PROTECTION Steel PRONOSE PU

INSOLE FX2 Supreme (Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD®





Sandal version (1708)

Low Shoe version (1738) Thermal-Lined Hi-Boot (1728)

JALAS® 1718 ZENIT EasyRoll

FEATURES

- ProNose toe reinforcement oil-resistant outsole
- anti-static properties padded boot shaft
- ventilating insole stabilizator water repellent
- Boa® one-handed lace-tension quick-release & closure system
- double shock absorption zones pull loops
- conforms with IEC 61340-5-1 (ESD)

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, environments with Outdoors, environments with risk of outsole penetration or of trapped feet.





SP Technical research institute of Sweder

Zenit collection & platform

Boots in the Zenit collection and platform are xcellent for both indoor & outdoor work and are suitable for the manufacturing sector and for artisans.

- Excellent comfort: The unique FX2 shock absorption system combined with a memory foam lining (on the foot and tongue) that 'remembers' and adapts to the shape of the wearer's foot.
- Superb grip in wet & slippery environments comes from the RPU outsole's unique structure which has countless microscopic suction cups on it's surface.
- Outsoles are made from an innovative hi-tech RPU material that combines softnesss, comfort, extra strong grip & extreme durability.
- Reg. Fit IEC-61340-5-1 Available in: S1, S1P, S2 or S3

insole: 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).

 Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort

Get easy one-handed lace tension with a quick turn of the Boa® dial. Boa ® closures also shed water, mud & ice, shaving precious weight



















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2015-06-23

1718 ZENIT EasyRoll

COMPLIANCE EN ISO

20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
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Jalas® **3318** Drylock

S3 100% WATERPROOF DURABLE

FULL SAFETY OUTDOOR BOOT

(with Toe Cap, Scuff Cap & Steel Midsole)

ideal for:

Gen.Outdoor

Wet Work

etc

force (includes oil resistant outsole)

S3 (includes all deatures of: S2 + P)

S2 (includes all deatures of: S1 + WRU)

WRU: footwear with Water-Resistant Upper

COMPLIANCE DESCRIPTION SB: Footwear with toe

protection tested with 200 J impact and 15kN compression

S1: Footwear made from leather and other materials ex-

cluding all-rubber or all-polymeric footwear + closed seat

HRO: Heat-resistant outsole compound tested at 300°C

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

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

UK Ladies Sizes 3 4 5 6 6.5 7 8 US Ladies Size 5 6 7 8 8.5 9 10 11 12 12.5 US Mens Size 6 7 7.5 8 9 10 11 11.5 12 13

should be deemed to be plus or minus half a size.

Conversions to UK or US sizes are only approximate, and values

Euro Size 36 37 38 39 40 41 42 43 44 45 46 47 UK Mens Size 3 | 4 | 5 | 6 | 6.5 | 7 | 8 | 9 | 10 | 10.5 | 11 | 12 |

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A: Electrical resistance (between 0.1-1000 Mega Ohms

SRB: Slip-resistance on steel floor with glycerol

COMPLIANCE

EN ISO 20345:2011

region + SB + A + E

below 35 megaohm

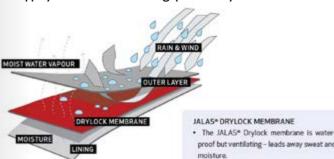
WR: Water-resistant footwear

P: Penetration-resistant outsole

DRY#LOCK)

PU/Nitrile outsoles of various types - which protect against both wet & slippery surfaces and also welding sparks or very hot floors.v

• DRYLOCK boots are always combined with non-slip & heat-resistant



We test our DRYLOCK membranes far beyond the regulatory standards.

This test is performed for each DRYLOCK membrane individually - not once per production batch - so you can depend on every single pair of our boots.



- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

- · layer of comfortable Merino wool.
- Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.

The product features remain unchanged only when insoles recommended by the manuthe information in this document without prior notice

collection: drylock (waterproof) Every boot in the JALAS® Drylock collection has a 3-ply 100%

waterproof membrane, and yet is also ventilating enough to carry away sweat and moisture from the inside out. JALAS testing standards exceed the EC regulations (see below).

proof but ventilating - leads away sweat and

DID YOU KNOW ...?

Most companies only test their membrane bags by dipping them in water and checking for bubbles. At JALAS, the extreme pressures of compressed air are used to inflate each individual bag. Even a single air-bubble escaping will causing the membrane to be rejected.



sole platform: Grip

insole: FX2 Supreme

- double shock absorption zones in Poron® XRD®

facturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update

CE



Heat-resistant outsole

100%



Oil-resistant outsole









ESD

2(2)

PROPERTIES

DRY#LOCK

SPECIFICATION TYPE OF SHOE Safety Ankle boots INSOLE FX2 Supreme

EN ISO 20345:2011, S3 HRO WR SRB

High level of protection, excellent grip, perfect fit, extra comfortable, excellent shock absorption

FITTING Regular SIZE RANGE 36-47 COLLECTION Drylock PLATFORM Grip

MATERIALS

UPPER Full-grain leather (1.6-1.8 mm), Cordura® FASTENING Laces NAIL PROTECTION Steel TOECAP Aluminium PRO-NOSE PU

LINING Polyester, polyamide, waterproof Drylock membrane

SOLE PU midsole, rubber outsole

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

COLOUR Black (with grey & red)

ALSO AVAILABLE IN

Basic Hi-Boot (no Toecap/Scuff Cap/midsole) (3322), or Full Safety Hi-Boot with Toe cap, Scuff Cap & Steel Midsole (3328), or Thermal-Lined Winter Safety Hi-Boot with Toecap & Steel Midsole (3325

JALAS® 3318 DryLock

FEATURES

- 100% waterproof Drylock-membrane
- snow lock ProNosé scuff-cap toe reinforcement,
- heat & oil-resistant outsole
- · anti-static properties
- padded boot shaft
- · ventilating insole, quick-tie, reflector,
- double shock absorption zones
- conforms with IEC 61340-5-1 (ESD)

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic,

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, wet environments, harsh environments environments with risk of outsole penetration,





SP Technical research institute of Swede

<u>>/</u> <® 1848 TITAN+

also available (1848 K)

HIGH HEAT-RESISTANT (427°C) WELDERS'S 3 SAFETY ANKLE BOOT

(Velcro Side Access, Toecap, Scuff Cap & Steel Midsole)

Water

outsole



EN ISO 20345:2011, S3 SRC CI HRO

Highest level of protection, excellent grip, perfect fit, extra comfortable, excellent shock absorption, excellent warmth (1848K)

SPECIFICATION

TYPE OF SHOE Safety footwear, boots/Ankle boots FASTENING Velcro® NAIL PROTECTION (1848) Steel, (1848K) plasma-treated composite (PTC) FITTING Wide SIZES 36-48 COLLECTION Gran Premio PLATFORM Enduro

MATERIALS

UPPER PU-coated leather (1,6-1,8) PRONOSE PU TOECAP Aluminium LINING (1848) Cambrelle®, polyester, (1848K also has Thinsulate) SOLE PU midsole, rubber outsole, (1848K also has plastic shank)

INSOLE 'FX2 Pro': Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey, and gold thread)

ALSO AVAILABLE IN Thermal ankle boot (1848K 'TITAN+'), Rigger (1868 'KING') Thermal Rigger boot (1898 Winter 'KING')

JALAS® 1848 TITAN+

1848K Titan+ Thermal version also available

FEATURES

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

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

204° C longer-term heat exposure (constant operating limit)

PRIMARY AREAS OF USE

Sheet-metal work, metalwork welding, hot work (1848K also suitable for Mining)

PRIMARY INDUSTRIES OF USE Metal fabrication (1848K: Mining)





SP Technical research institute of Sweden

collection: Gran Premio (indoors & outdoors)

Gran Premio boots offer a more spacious fit, and are suitable for tough conditions indoors & outdoors unbeatable grip on winter surfaces.

sole platform: 'Enduro'

- Wide fit soles made from nitrile rubber and shock absorbing heel. • Heat-resistant up to 300°C • ESD, anti-static, oil-resistant.
- 360° Grip Different surface patterns provide solid grip however you move (sideways, forwards & backwards).
- Special tread pattern & drain channels help remove water, snow & dirt.
- Stabilizator system provides ladder grip & arch support
- Wide Fit IEC-61340-5-1 Available in safety rating: S1, S1P, S2 & S3

insole: FX2 Pro

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

• Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort



















The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

2015-08-01

1848 TITAN+ 1848K TITAN+ Thermal

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe

protection tested with 200 J impact and 15kN compression

force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

. ,												
Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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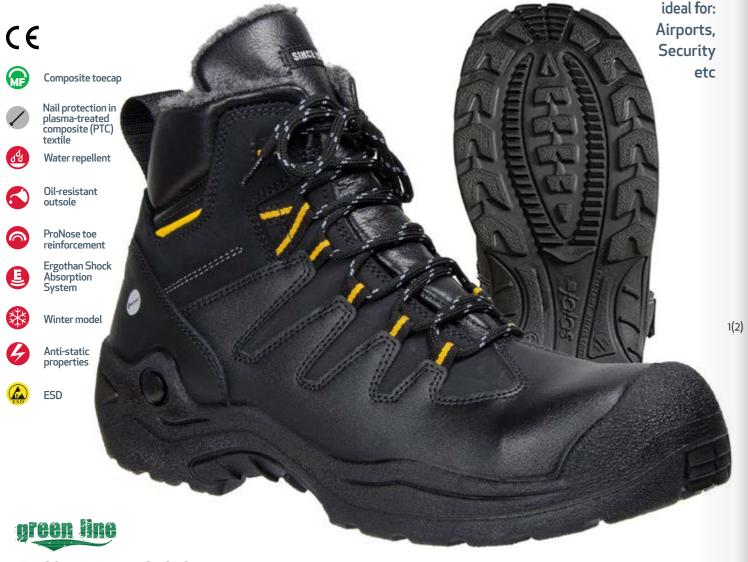
53 Wallace Street, Glasgow, G5 8DJ

2(2)

Environmentally friendly

METAL-FREE FUR-LINED WINTER AIRPORT S3 SAFETY ANKLE-BOOT

(with toe cap, composite midsole & scuff-cap)



EN ISO 20345:2011, S3 SRC

PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety Ankle boots **FASTENING Laces** FITTING Narrow/Regular SIZE RANGE 36-47 **COLLECTION Green Line** PLATFORM Green Line

MATERIALS

UPPER PU-coated leather, split leather (1.6-1.8mm)

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

PRO-NOSE PU **TOECAP Composite**

LINING Polyester fur SOLE Plastic shank, PU outsole

INSOLE FX2 Supreme : Textile, soft EVA, polyester-based conductive thread,

merino wool, double shock absorption zones in Poron® XRD®

COLOUR Black (with yellow)

ALSO AVAILABLE IN High Boot (6448 'TEMPERA High')

JALAS® 6438 TEMPERA

FEATURES

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic, contact with cold

PRIMARY ENVIRONMENTS OF USE

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

PRIMARY AREAS OF USE

Airport work





SP Technical research institute of Sweder

collection: Green Line

areen line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport friendly.

insole: FX2 Supreme

- double shock absorption zones in Poron® XRD®
- layer of comfortable Merino wool.
- · Conforms to ESD-standard (electrostatic discharge)
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE











Anti-static properties





The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

6438 Tempera

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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www.ckl.uk.com

1/11/2015

ideal for:

Airports,

Security

etc

All-YEAR OUTDOOR METAL-FREE

(Composite Toe cap & Midsole, PU Scuff cap)

AIRPORT S3 SAFETY BOOT

collection: Green Line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport friendly.

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- textile laver
- Conforms to ESD-standard (electrostatic discharge)
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.













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2015-06-23

CE

Jalas® **6498** NATURE green line

Environmentally friendly

Highly Slip-Resistant



 ϵ

Nail protection in composite (PTC) textile











PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety footwear, boots/Ankle boots NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile FITTING Narrow/Regular SIZE RANGE 36-47

COLLECTION Green Line PLATFORM Green Line INSOLE FX2 Pro

MATERIAL

UPPER Microfiber, textile PRO-NOSE PU TOECAP Composite LINING Cambrelle®, polyamide SOLE Plastic shank, PU outsole INSOLE Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

FASTENING Laces

COLOUR Black (with grey & green)

ALSO AVAILABLE IN Low Shoe version (6468 'EKO')

JALAS® 6498 NATURE

FEATURES

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

PRIMARY PROTECTION

Toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, metal-free requirements for shoes, environments with risk of outsole penetration

PRIMARY AREAS OF USE Outoor / Security / Airport work







6498 NATURE

23

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB +

S2: S1 + WRU S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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25

BASIC ALL-YEAR OUTDOOR S2 SAFETY BOOT

(Toecap, but NO nail penetration protection)

ideal for: General Purpose



EN ISO 20345:2011, S2 HRO SRB

PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety Ankle boot FASTENING Laces

SIZE RANGE 36-47 FITTING Regular

COLLECTION Grip PLATFORM Grip

MATERIALS

UPPER PU-coated leather, textile

TOECAP Aluminium LINING Polyester, polyamide

NAIL PROTECTION (none)

SOLE PU midsole, plastic shank, rubber outsole

INSOLE FX2 Pro: Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey & yellow)

ALSO AVAILABLE IN Low Shoe version (3110 'LIGHT GRIP')

JALAS® 3150 TREK

Popular outdoor boot which can be viewed as a slightly more water-repellent and higher heat-resistant version of the E-Sport 1625 as it has slightly more leather. However the TREK does not have a nail protection midsole. TREK is available as a low shoe version (3110 'Light Grip)

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, antistatic

PRIMARY ENVIRONMENTS OF USE

General Purpose, Outdoors, all-year use





1(2)

SP Technical research institute of Sweder

collection: Grip

The 'Grip' collection offers footwear with attractive design, high quality, grip & comfort, which are uitable for industrial environments, with various models for indoor & outdoor use. • Outsoles: PU or Nitrile, which ensures good grip & usability

sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- · Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3 insole: FX2 Pro

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

Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety &



CE

2015-08-27







The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

3150 TREK

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

WRU: Water-resistant upper

HRO: Heat-resistant outsole compound tested at 300°C

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

SRB: Slip-resistance on steel floor with glycerol

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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2(2)

HI-BOOTS page 26-41

ideal for:

Mining, etc

1(2)

1868 KING

(Heat-Resistant Rigger)

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

SRA: Slip-resistance on ceramic tile floor with Sodium lauryl

SRB: Slip-resistance on steel floor with glycerol

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47	48
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13
UK Ladies Sizes	3	4	5	6	6.5	7	8						
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5			
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13	14

Conversions to UK or US sizes are only approximate, and values

VCKL

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Jalas® **1868** KING

HIGH HEAT-RESISTANT (427°C) WELDERS'S 3 SAFETY RIGGER BOOT

(Toecap, Scuff Cap & Nail Penetration Protection)

Aluminium toecap

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Steel midsole Nail protection

Heat-resistant outsole

> Water repellent

Oil-resistant outsole

ProNose toe reinforcement

Wide Fit

Ergothan Shock

Heat-resistant

Anti-Static **Properties**



EN ISO 20345:2011, S3 SRC CI HRO

PROPERTIES

@ @ @ @ran.Aramio

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

SPECIFICATION

TYPE OF SHOE Safety rigger boots

SIZE RANGE 36-48 NAIL PROTECTION MATERIAL Steel FITTING Wide PLATFORM Enduro COLLECTION Gran Premio INSOLE FX2 Pro

MATERIALS

UPPER PU-coated leather UPPER THICKNESS 1,6-1,8 PRONOSE PU **TOECAP Aluminium**

LINING Cambrelle®, polyester, Thinsulate® SOLE PU midsole, rubber outsole

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

COLOUR Black

ALSO AVAILABLE IN Ankle boot (1848 'TITAN+'),

Thermal Ankle Boot (1848K 'TITAN+'), Thermal Rigger boot (1898 Winter 'KING')

JALAS® 1868 KING

FEATURES

• ProNose toe reinforcement • wide fit

Thinsulate[™] insulation

· water repellent · anti-static properties

 heat-resistant upper and oil & heat-resistant outsole • 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)

• padded boot shaft • ventilating insole • pull loops

double shock absorption zones

PRIMARY PROTECTION

Prevents risk of:

heat injuries, toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

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

PRIMARY AREAS OF USE

Metal fabrication, Sheet-metal work, Welding, Hot work, Mining



The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

• Stabilizator system provides ladder grip & arch support Wide Fit • IEC-61340-5-1 • Available in safety rating: S1, S1 P, S2 & S3 insole: FX2 Pro double shock absorption zones in Poron® XRD® · textile layer · conforms to ESD-standard (electrostatic discharge) requirements. Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.

collection: Gran Premio (indoors & outdoors)

· and are suitable for tough conditions indoors & outdoors

· Wide fit soles made from nitrile rubber and shock absorbing heel.

• 360° Grip - Different surface patterns provide solid grip however you

Special tread pattern & drain channels help remove water, snow & dirt.

Heat-resistant up to 300°C
 ESD, anti-static, oil-resistant.

· Gran Premio boots offer a more spacious fit,

move (sideways, forwards & backwards).

• unbeatable grip on winter surfaces.

sole platform: 'Enduro'



CE



















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

sulphate solution

SRC: SRA + SRB

standard

SIZES

Γ	Euro Size	36	37	38	39	40	41	42	43	44	45	46	47	48
	UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13
	UK Ladies Sizes	3	4	5	6	6.5	7	8						
	US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5			
	US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13	14

should be deemed to be plus or minus half a size.



WINTER-LINED HIGH HEAT-RESISTANT (427°C) WELDERS'S 3 SAFETY RIGGER BOOT

(Toecap, Scuff Cap & Nail Penetration Protection)

Aluminium toecap

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Heat-resistant outsole

Water repellent

Oil-resistant outsole

ProNose toe reinforcement

Wide fit

Ergothan Shock Absorption System

Heat-resistant upper

Winter model

Anti-static properties



ESD

Metal fabrication, Sheet-metal work, Mining, etc

ideal for Winter Use for:

Welding, Hot work,

EN ISO 20345:2011, S3 SRC CI HRO

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

SPECIFICATION

TYPE OF SHOE Safety rigger boots

SIZE RANGE 35-50 FITTING Wide

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile INSOLE FX2 Winter PLATFORM Enduro COLLECTION Gran Premio

MATERIALS

UPPER PU-coated leather **UPPER THICKNESS 1.6-1.8** PRONOSE PU **TOECAP Aluminium**

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

PU midsole, plastic shank, rubber outsole

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

COLOUR Black, Grey, Yellow

ALSO AVAILABLE IN Ankle boot (1848 'TITAN+'),

Thermal Ankle Boot (1848K 'TITAN+'). Rigger boot (1868 'KING')

JALAS® 1898 Winter KING

- · ProNose toe reinforcement · wide fit
- Thermal Lining: Bio-ceramic fur, Meida® thermo insulation, (antibacterial fibre - prevents odours) aluminium foil
- water repellent ESD anti-static (IEC 61340-5-1 (ESD)),
- · heat-resistant upper and oil & heat-resistant outsole withstands welding sparks and grinding splash
- 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)
- padded boot shaft ventilating insole pull loops
- double shock absorption zones

PRIMARY PROTECTION

Prevents risk of:

heat injuries, toe injuries, nail penetration, antistatic, contact with cold

PRIMARY ENVIRONMENTS OF USE

Outdoors, winter/cold conditions, hot surfaces, environments with risk of outsole penetration, harsh environments

PRIMARY AREAS OF USE

Metal fabrication Sheet-metal work, Welding, Hot work, Mining





collection: Gran Premio (indoors & outdoors)

- · Gran Premio boots offer a more spacious fit,
- and are suitable for tough conditions indoors & outdoors • unbeatable grip on winter surfaces.

sole platform: 'Enduro'

- · Wide fit soles made from nitrile rubber and shock absorbing heel.
- Heat-resistant up to 300°C ESD, anti-static, oil-resistant.
- 360° Grip Different surface patterns provide solid grip however you move (sideways, forwards & backwards).
- · Special tread pattern & drain channels help remove water, snow & dirt.
- Stabilizator system provides ladder grip & arch support
- Wide Fit IEC-61340-5-1 Available in safety rating: S1, S1P, S2 & S3

insole: FX2 Winter

- Advanced winter insole antibacterial properties
- double shock absorption zones in Poron® XRD®
- Merino wool (soft, pliable & natural absorbs moisture & retain warmth)
- · Superior ventilation retains warmth when cold outside, and cool when warm.
- Foil layer reflects cold from underneath, but retains warmth within the shoe
- Conforms to the requirements of ESD-standard (electrostatic discharge).
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE



Aluminium toecap



Ergothan Shock

Winter model



Nail protection in plasma-treated composite (PTC) textile



Heat-resistant upper



Heat-resistant outsole

Water repellent



Anti-static properties

ESD



Oil-resistant outsole







The product features remain unchanged only when insoles recommended by the manu-facturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.



1898 Winter King

COMPLIANCE

EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding allrubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

E: Energy absorption in the heel area (tested at 20 Joules) SRA: Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 35, 36, 37, 38, 39,40, 41, 42, 43, 44, 45, 46, 47,48,49,50,51

Euro Size	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
UK Mens Size	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16
UK Ladies Sizes		3	4	5	6	6.5	7	8									
US Ladies Size		5	6	7	8	8.5	9	10	11	12	12.5						
US Mens Size				6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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2015-08-27

2(2)

ideal for:

HEAVY INDUSTRY EXTREME OUTDOOR HIGH-ANKLE S3 SAFETY BOOT

(Side Access Zip, Toecap, Scuff Cap, Steel Midsole, Heat-resistant Outsole)

 ϵ

Aluminium toecap

Steel midsole Nail protection

Heat-resistant outsole

Water

Oil-resistant outsole

repellent

ProNose toe

Wide Fit

Ergothan Shock Absorption System

Easy-Access

Side Zip

Fleece-Lined Winter model

Anti-Static **Properties**





EN ISO 20345:2011, S3 SRC CI HRO

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

SPECIFICATION

TYPE Safety High-Ankle boots FASTENING Laces, zipper

FITTING Wide SIZE RANGE 35-50

PLATFORM Enduro **COLLECTION Gran Premio** INSOLE FX2 Pro

MATERIALS

NAIL PROTECTION Steel UPPER PU-coated leather (1,6-1,8 mm)

PRONOSE PU **TOECAP Aluminium**

LINING Technical fleece SOLE PU midsole, rubber outsole

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

COLOUR Black (with grey, yellow)

ALSO AVAILABLE IN Safety Ankle boots (1828 JUPITER')

JALAS® 1878 OFFROAD

FEATURES

- · Fleece-lined · wide fit
- · ProNose toe reinforcement
- padded boot shaft
- side-zip for easy access/removal
- · oil-resistant, heat-resistant & water repellent outsole
- double shock absorption zones
- ventilating insole
 pull loops
- ESD anti-static properties, conforms to IEC 61340-5-1 (ESD)

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, harsh environments with risk of outsole penetration,

Eg. Utilities, Construction, Roads, Railways, Engineering, Agiculture, Mining, Tradesmen Machine Shops, Waste Management





SP Technical research institute of Sweden

collection: Gran Premio (indoors & outdoors)

- · Gran Premio boots offer a more spacious fit,
- and are suitable for tough conditions indoors & outdoors · unbeatable grip on winter surfaces.

sole platform: 'Enduro'

- Wide fit soles made from nitrile rubber and shock absorbing heel.
- Heat-resistant up to 300°C ESD, anti-static, oil-resistant.
- 360° Grip Different surface patterns provide solid grip however you move (sideways, forwards & backwards).
- · Special tread pattern & drain channels help remove water, snow & dirt.
- Stabilizator system provides ladder grip & arch support
- Wide Fit IEC-61340-5-1 Available in safety rating: S1, S1 P, S2 & S3

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- textile laver
- · conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.

























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1878 OFFROAD

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZ	.E3																	
	Euro Size	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
	UK Mens Size	2	3	4	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15	16
	UK Ladies Sizes		3	4	5	6	6.5	7	8									
	US Ladies Size		5	6	7	8	8.5	9	10	11	12	12.5						
	US Mens Size				6	7	7.5	8	9	10	11	11.5	12	13	14	15	16	17

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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(DRY#LOCK)

Heat-resistant

Oil-resistant

Ergothan Shock

outsole

Anti-statio

properties

ESD

Jalas® **3322** DryLock

02 100% WATERPROOF, BREATHABLE

NON-SLIP SECURITY OUTDOOR HI-BOOT

THE No.1 Security Boot for 10,000s of Police, Military &

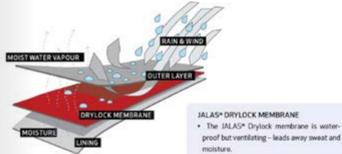
(WITHOUT Toe cap or Steel midsole)

Security Personnel across Europe

collection: drylock (waterproof)

JALAS testing standards exceed the EC regulations (see below).

• DRYLOCK boots are always combined with non-slip & heat-resistant PU/Nitrile outsoles of various types - which protect against both wet & slippery surfaces and also welding sparks or very hot floors.



DID YOU KNOW ...?

We test our DRYLOCK membranes far beyond the regulatory standards.

Most companies only test their membrane bags by dipping them in water and checking for bubbles. At JALAS, the extreme pressures of compressed air are used to inflate each individual bag. Even a single air-bubble escaping will causing the membrane to be rejected.

This test is performed for each DRYLOCK membrane individually - not once per production batch - so you can depend on every single pair of our boots.



sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- Chemical resistant to most chemicals. The shoe's sole and upper should still be cleaned at the end of the working day to prolong its life.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

insole: FX2 Supreme

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

Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.















The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

33

2(2)

3322 DryLock

COMPLIANCE EN ISO 20347:2011

COMPLIANCE DESCRIPTION 01: Footwear made from

leather and other materials excluding all-rubber or allpolymeric footwear + closed seat region + A + E

02: 01 + WRU

WR: Water-resistant footwear

WRU: Water-resistant upper

HRO: Heat-resistant outsole compound tested at 300°C

FO: Oil-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

SRB: Slip-resistance on steel floor with glycerol

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.

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FEATURES

DRY#LOCK

• 100% waterproof Drylock-membrane water, oil & heat-resistant outsole

EN ISO 20347:2011, O2 SRB WR HRO FO

Finnish Institute of

anti-static properties

SP Technical research institute of Sweden

 conforms to IEC 61340-5-1 (ESD) · double shock absorption zones

• padded boot shaft with pull loops ventilating insole

• excellent grip & shock absorption

perfect fit, extra comfortable

MATERIALS

UPPER Full-grain leather LINING Polyester, polyamide, Drylock membrane

NAIL PROTECTION (none) TOECAP (none) SCUFF CAP (none)

Thermal-Lined Winter Safety Hi-Boot with Toecap & Steel Midsole (3325), or INSOLE FX2 Supreme: Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD®

TYPE OF SHOE **FITTING**

SPECIFICATION

SIZE RANGE Regular 36-47 COLLECTION Drylock PLATFORM Grip **FASTENING** COLOUR Laces Black

Occupational Hi-boots

ALSO AVAILABLE IN

Full Safety Hi-Boot with Toe cap, Scuff Cap & Steel Midsole (3328), or Full Safety Ankle Boot with Toe cap, Scuff Cap & Steel Midsole (3318)

wet & harsh outdoor environments all-year round **SUITABLE FOR** Police, Military, Security Personnel etc

Prevents against wet feet, slip, anti-static, etc in

PROTECTION & ENVIRONMENTS

SOLE PU midsole, plastic shank, rubber outsole

ICIOS® 3325 DryLock

Utilities,

Military, Police,

Mining,

Easy-Access

Sidé Zip

etc

IALAS* DRYLOCK MEMBRANE

. The JALAS* Drylock membrane is water-

proof but ventilating - leads away sweat and

collection: drylock (waterproof)

DID YOU KNOW...?

single pair of our boots.

sole platform: Grip

insole: FX2 Winter

CE

standards.

away sweat and moisture from the inside out.

Every boot in the JALAS® Drylock collection has a 3-ply 100%

waterproof membrane, and yet is also ventilating enough to carry

 JALAS testing standards exceed the EC regulations (see below). • DRYLOCK boots are always combined with non-slip & heat-resistant

slippery surfaces and also welding sparks or very hot floors.v

We test our DRYLOCK membranes far beyond the regulatory

Most companies only test their membrane bags by dipping them in water and checking for bubbles. At JALAS, the extreme pressures of

compressed air are used to inflate each individual bag. Even a single

air-bubble escaping will causing the membrane to be rejected.

- not once per production batch - so you can depend on every

• Extremely Durable ESD Anti-static Outsole in nitrile rubber. • Highly Heat-resistant (HRO) for very hot floors up to 300°C • Ice/Snow grip is excellent grip, even at very low temperatures · Chemical 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. • Reg. Fit • IEC-61340-5-1 • Available in safety ratings: S1 or S3

• Advanced winter insole • antibacterial properties

 Merino wool (soft, pliable & natural - absorbs moisture & retain warmth) Superior ventilation retains warmth when cold outside, and cool when warm.

· Foil layer reflects cold from underneath, but retains warmth within the shoe

Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.

• Conforms to the requirements of ESD-standard (electrostatic discharge).

double shock absorption zones in Poron® XRD®

This test is performed for each DRYLOCK membrane individually

PU/Nitrile outsoles of various types - which protect against both wet &

COMPLIANCE

COMPLIANCE DESCRIPTION SB: Footwear with toe

force (includes oil resistant outsole)

S3 (includes all deatures of: S2 + P)

S2 (includes all deatures of: S1 + WRU)

S1: Footwear made from leather and other materials ex-

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

A: Electrical resistance (between 0.1-1000 Mega Ohms

EN ISO 20345:2011

protection tested with 200 J impact and 15kN compression

cluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

BGR 191: Orthopedic footwear adjustment according to

3325 DryLock

WRU: footwear with Water-Resistant Upper

German BGR 191. Footwear is tested with adjusted orthope-

SIZES												
Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values



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S3 100% WATERPROOF THERMAL WINTER-LINED SAFETY HI-BOOT

(with Side-Zip, Toe Cap & Steel Midsole)

ideal for: Oil & Gas.

Agriculture,

Heat-resistant outsole 100% Waterproof

Oil-resistant outsole Ergothan Shock

Steel midsole

Nail protection

 ϵ

Absorption

Easy-Access

Thermal Insulated





DRY#LOCK

EN ISO 20345:2011, S3 HRO WR SRB

PROPERTIES

Extremely warm, High level of protection, excellent grip, perfect fit, extra comfortable, excellent shock absorption

SPECIFICATION

TYPE OF SHOE Safety Hi- boots INSOLE FX2 Winter FITTING Regular SIZE RANGE 36-47 COLLECTION Drylock PLATFORM Grip

MATERIALS UPPER Full-grain leather (1.6-1.8 mm)

FASTENING Laces, zipper NAIL PROTECTION Steel TOECAP Aluminium PRO-NOSE (none)

LINING ThermoCloud thermal insulation, polyester, & waterproof Drylock membrane

SOLE PU midsole, rubber outsole

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

COLOUR Black (with grey & red)

ALSO AVAILABLE IN

Basic Hi-Boot (no Toecap/Scuff Cap/midsole) (3322), or Full Safety Ankle Boot with Toe cap, Scuff Cap & Steel Midsole (3318), or Full Safety Hi-Boot with Toe cap, Scuff Cap & Steel Midsole (3328)

JALAS® 3325 DryLock

- ventilating insole
 quick-tie
 reflector

PRIMARY PROTECTION

contact with cold

PRIMARY ENVIRONMENTS OF USE

wet & harsh environments Eg Oil & Gas, Utilities, Military,



• 100% waterproof Drylock-membrane • snow lock

· heat & oil-resistant outsole · anti-static properties

• padded boot shaft • pull loops • zipper • double shock absorption zones
 conforms with IEC 61340-5-1 (ESD)

Prevents risk of: toe injuries, nail penetration, antistatic,

Outdoors, environments with risk of outsole penetration, Police, Mining, Agriculture

ish Institute of

SP Technical research institute of Sweden

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2(2)

35

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

SRB: Slip-resistance on steel floor with glycerol

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

dic insoles in accordance with EN ISO 20345 standard

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13
	UK Mens Size UK Ladies Sizes US Ladies Size	Euro Size 36 UK Mens Size 3 UK Ladies Sizes 3 US Ladies Size 5 US Mens Size	UK Mens Size 3 4 UK Ladies Sizes 3 4 US Ladies Size 5 6	UK Mens Size 3 4 5 UK Ladies Sizes 3 4 5 US Ladies Size 5 6 7	UK Ladies Sizes 3 4 5 6 US Ladies Size 5 6 7 8	UK Mens Size 3 4 5 6 6.5 UK Ladies Sizes 3 4 5 6 6.5 US Ladies Size 5 6 7 8 8.5	UK Mens Size 3 4 5 6 6.5 7 UK Ladies Sizes 3 4 5 6 6.5 7 US Ladies Size 5 6 7 8 8.5 9	UK Mens Size 3 4 5 6 6.5 7 8 UK Ladies Sizes 3 4 5 6 6.5 7 8 US Ladies Size 5 6 7 8 8.5 9 10	UK Mens Size 3 4 5 6 6.5 7 8 9 UK Ladies Sizes 3 4 5 6 6.5 7 8 US Ladies Size 5 6 7 8 8.5 9 10 11	UK Mens Size 3 4 5 6 6.5 7 8 9 10 UK Ladies Sizes 3 4 5 6 6.5 7 8 US Ladies Size 5 6 7 8 8.5 9 10 11 12	UK Mens Size 3 4 5 6 6.5 7 8 9 10 10.5 UK Ladies Sizes 3 4 5 6 6.5 7 8 8 9 10 11 12 12.5 US Ladies Size 5 6 7 8 8.5 9 10 11 12 12.5	UK Mens Size 3 4 5 6 6.5 7 8 9 10 10.5 11 UK Ladies Sizes 3 4 5 6 6.5 7 8 8 8 9 10 11 12 12.5

should be deemed to be plus or minus half a size.



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S3 100% WATERPROOF BREATHABLE OUTDOOR HEAVY-DUTY SAFETY HI-BOOT

(with Toe cap, Scuff-cap & Steel midsole)



EN ISO 20345:2011, S3 HRO WR SRB

FEATURES

- Highest level of protection
- · water, oil & heat-resistant outsole
- · anti-static properties
- double shock absorption zones
- conforms to IEC 61340-5-1 (ESD)
- · 'Pro-Nose' Scuff & Toe-cap protection • 100% waterproof Drylock-membrane padded boot shaft with pull loops

SP Technical research institute of Sweden

- ventilating insole
- excellent grip & shock absorption
- perfect fit, extra comfortable

PROTECTION & ENVIRONMENTS

Prevents against toe injuries, outsole penetration, wet feet, slip & antistatic etc in wet & harsh outdoor environments, all-year round

SUITABLE FOR

Utilities, Construction, Railways, Mining, Military, Outdoor or Site Security etc

SPECIFICATION

TYPE OF SHOE Safety Ankle boots

SIZE RANGE 36-47 FITTING Regular COLLECTION Drylock PLATFORM Grip COLOUR FASTENING Black

ALSO AVAILABLE IN Basic Hi-Boot (no Toecap/Scuff Cap/midsole) (3322), or INSOLE FX2 Supreme: Textile, soft EVA, polyester-based conductive thread, Thermal-Lined Winter Safety Hi-Boot with Toecap & Steel Midsole (3325), or Full Safety Ankle Boot with Toe cap, Scuff Cap & Steel Midsole (3318)

MATERIALS

UPPER Full-grain leather LINING Polyester, polyamide, Drylock membrane

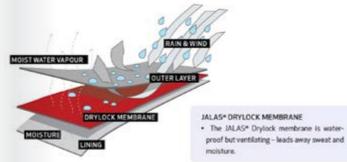
NAIL PROTECTION Steel TOECAP Aluminium SCUFF CAP Pro-Nose (PU)

SOLE PU midsole, plastic shank, rubber outsole

merino wool, double shock absorption zones in Poron® XRD®

collection: drylock (waterproof)

- **DRY#LOCK** Every boot in the JALAS® Drylock collection has a 3-ply 100%
- waterproof membrane, and yet is also ventilating enough to carry away sweat and moisture from the inside out. JALAS testing standards exceed the EC regulations (see below).
- DRYLOCK boots are always combined with non-slip & heat-resistant PU/Nitrile outsoles of various types - which protect against both wet & slippery surfaces and also welding sparks or very hot floors.



DID YOU KNOW ...?

We test our DRYLOCK membranes far beyond the regulatory

Most companies only test their membrane bags by dipping them in water and checking for bubbles. At JALAS, the extreme pressures of compressed air are used to inflate each individual bag. Even a single air-bubble escaping will causing the membrane to be rejected.

This test is performed for each DRYLOCK membrane individually - not once per production batch - so you can depend on every single pair of our boots.



sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- Chemical 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. • Reg. Fit • IEC-61340-5-1 • Available in safety ratings: S1 or S3

insole: FX2 Supreme

- double shock absorption zones in Poron® XRD®
- laver of comfortable Merino wool.
- Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

2015-08-27

3328 DryLock (Pro-Nose Scuff Cap)

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe

protection tested with 200 J impact and 15kN compression

force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WR: Water-resistant footwear

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

A: Electrical resistance (between 0.1-1000 Mega Ohms E: Energy absorption in the heel area (tested at 20 Joules)

SRB: Slip-resistance on steel floor with glycerol

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SI7FS

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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100% WATERPROOF BREATHABLE ALL-YEAR OUTDOOR HEAVY-DUTY SAFETY HI-BOOT

(Plastic Toecap, Ladder Grip, NO Midsole protection)





Heat-resistant





Ergothan Shock

Oil-resistant

outsole







EN ISO 20347:2012

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

SPECIFICATION

TYPE Occupational Ankle boots FASTENING Laces FITTING Regular SIZE RANGE 36-47

COLLECTION Drylock PLATFORM Performance

MATERIALS

TOECAP Plastic

UPPER Full-grain leather, textile (1.6-1.8mm)

LINING Polyester, polyamide, Drylock membrane

PU midsole, plastic shank, rubber outsole

INSOLE FX2 Supreme (Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD™)

COLOUR Black

JALAS® 9552 COMBAT

FEATURES

- Waterproof Drylock-membrane heat & oil-resistant outsole
- anti-static properties padded boot shaft ventilating insole
- pull loops waterproof double shock absorption zones

PRIMARY PROTECTION Antistatic, wet feet

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, wet environments

PRIMARY AREAS OF USE

Security, police work, military work, hunting, facilities, utilities etc





1(2)

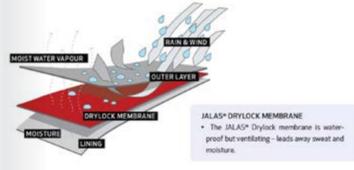
SP Technical research institute of Sweder

collection: drylock (waterproof)

 Every boot in the JALAS® Drylock collection has a 3-ply 100% waterproof membrane, and yet is also ventilating enough to carry away sweat and moisture from the inside out.

(DRY#LOCK)

- JALAS testing standards exceed the EC regulations (see below).
- DRYLOCK boots are always combined with non-slip & heat-resistant PU/Nitrile outsoles of various types - which protect against both wet & slippery surfaces and also welding sparks or very hot floors.



DID YOU KNOW...?

We test our DRYLOCK membranes far beyond the regulatory standards.

Most companies only test their membrane bags by dipping them in water and checking for bubbles. At JALAS, the extreme pressures of compressed air are used to inflate each individual bag. Even a single air-bubble escaping will causing the membrane to be rejected.

This test is performed for each DRYLOCK membrane individually - not once per production batch - so you can depend on every single pair of our boots.



sole platform: **Grip**

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- · Ice/Snow grip is excellent grip, even at very low temperatures · Chemical 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. Reg. Fit
 IEC-61340-5-1
 Available in safety ratings: S1 or S3

insole: FX2 Supreme

- double shock absorption zones in Poron® XRD®
- layer of comfortable Merino wool.
- · Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.













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39

2(2)

9552 COMBAT

COMPLIANCE EN ISO 20347:2012

COMPLIANCE DESCRIPTION

O1: Footwear made from leather and other materials excluding allrubber or all-polymeric footwear + closed seat region + A + E

02: 01 + WRU

WR: Water-resistant footwear

HRO: Heat-resistant outsole compound tested at 300°C

FO: Oil-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

31223 (2010). 30, 31, 30, 33, 40, 41, 42, 43, 44, 43, 40, 41														
Euro Size	36	37	38	39	40	41	42	43	44	45	46	47		
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12		
UK Ladies Sizes	3	4	5	6	6.5	7	8							
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5				
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13		

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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2(3)

areen line

Jalas[®] 6448 TEMPERA High

ideal for:

Facilities,

in Secure

etc

ProNose toe

Absorption Fur-lined



Anti-Static



ESD



Highest level of protection, excellent grip, perfect fit, extra

comfortable, extremely warm, excellent shock absorption

SPECIFICATION

EN ISO 20345:2011, S3 SRC

TYPE Safety Ankle boots FASTENING Laces FITTING Narrow/Regular SIZE RANGE 36-47 COLLECTION Green Line PLATFORM Green Line

MATERIALS

UPPER PU-coated leather LINING Polyester fur

TOECAP Composite PRONOSE PU SOLE Plastic shank, PU outsole

NAIL PROTECTION Plasma-treated composite (PTC) textile

INSOLE FX2 Supreme (Textile, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD®)

COLOUR Plain Black

ALSO AVAILABLE IN Ankle Boot (6438 'Tempera')

6448 TEMPERA High

FEATURES

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic, contact with cold

PRIMARY ENVIRONMENTS OF USE

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

PRIMARY AREAS OF USE

Airport work, security and police work, military work





SP Technical research institute of Sweden



collection: Green Line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport friendly.

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



















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2015-06-23

6448 TEMPERA High

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe

protection tested with 200 J impact and 15kN compression

force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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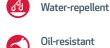
one handed

lace-tension system

JOIOS® 1728 ZENIT EasyRoll



Nail protection in plasma treated composite (PTC), Textile











System

Stabilizator Extra rigid design with a stabilizer in the arch that educes the risk of sprain)



Properties



PROPERTIES

EN ISO 20345:2011, S3 SRC

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

SPECIFICATION

TYPE OF SHOE Safety High-Boots FASTENING Boa® FITTING Regular SIZE RANGE 36-47 **COLLECTION Zenit** PLATFORM Zenit

MATERIALS

Sandal version (1708)

NAIL PROTECTION Composite (PTC - Plasma-treated) textile UPPER PU-coated leather, split leather PRONOSE PU TOECAP Aluminium SOLE PU midsole, plastic shank, RPU outsole LINING Bio-ceramic fur. Meida® thermo insulation. aluminium foil INSOLE 'FX2 Winter': Textile, aluminium foil, soft EVA. polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey & red)



Low Shoe version (1738)

Ankle Boot version (1718)

ALSO AVAILABLE IN

FUR & THERMAL WINTER-LINED

(Toecap, Composite Midsole & Scuff Cap)

Ideal for: Utilities, Construction, Engineering, Agiculture, Waste Management, Outdoor Tradesmen, Machine Shops, HeavyTransport, Roads, Railways, etc

1(2)



JALAS® 1728 ZENIT EasyRoll

FEATURES

- snow lock antibacterial fibre (prevents odours) ProNose toe reinforcement • oil-resistant outsole
- anti-static properties padded boot shaft
- aluminium toecap *¹
 protected inner toecap edge *²
- ventilating insole stabilizator water repellent
- Boa® one-handed lace-tension quick-release & closure system
- double shock absorption zones pull loops
- conforms with IEC 61340-5-1 (ESD)

PRIMARY PROTECTION

Prevents risk of: Extreme cold protection, toe injuries, nail penetration, antistatic,

PRIMARY ENVIRONMENTS OF USE

Outdoors, cold environments, harsh environments, environments with risk of outsole penetration,





Zenit collection & platform

Boots in the Zenit collection and platform are excellent for both indoor & outdoor work by the manufacturing sector, artisans, or tradesmen etc

- Excellent comfort: The unique FX2 shock absorption system combined with a memory foam lining (on the foot and tongue) that 'remembers' and adapts to the shape of the wearer's foot.
- · Superb grip in wet & slippery environments comes from the RPU outsole's unique structure which has countless microscopic suction cups on it's surface. • Outsoles are made from an innovative hi-tech RPU material that
- combines softnesss, comfort, extra strong grip & extreme durability.
- Reg. Fit
 IEC-61340-5-1
 Available in: S1, S1P, S2 or S3

insole: FX2 Winter

- Advanced winter insole
 antibacterial properties
- double shock absorption zones in Poron® XRD®
- Merino wool (soft, pliable & natural absorbs moisture & retain warmth)
- · Superior ventilation retains warmth when cold outside, and cool when warm.
- · Foil layer reflects cold from underneath, but retains warmth within the shoe · Conforms to the requirements of ESD-standard (electrostatic discharge).
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.





*1 Our aluminium toecaps are as strong as steel but much lighter, and are also inherently safer than composite, as composite toe caps do not show any visible signs of damage if they have internal cracks or fractures after an impact. User's will continue to wear the boot's along with the compromised and weakened to ecaps, which could then shatter and fail on much lighter subsequent impacts. In comparison, aluminium deforms on the first impact which visibly alerts the user to replace the boots.

JALAS do offer composite toecaps in some other boots in their range as some lighter duty applications demand them (e.g. non-metal products for airport security etc), however, in those environments, heavy knocks onto the toe are far less likely than in other heavy use environments (such as construction or engineering).

- *2 A common complaint of work boots is that the inside edges of the toe cap over time start digging through the inner layers of the boot, and rub against the wearer's feet, which can cause significant pain or discomfort. JALAS use extra thick layers of silicon to cover the edge to precisely to prevent this. Even after a year of continuous wear, users routinely report that the boots are as comfortable as new.
- *3 Our midsoles have 2 layers of aluminium bonded to 2 layers of Kevlar that flexes. So if a nail penetrates the outsole, the midsole will flex along with the puncture as the nail pierces each layer of aluminium and then kevlar. This means that the wearer can feel a bubble starting to form which acts as an alert, providing more notice to the wearer that a pierce risk is underway, enabling him to take remedial action before the other layers of protection are overcome. This can make the all important difference between an ordinary day at work, and a trip to the infirmary.

The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

2015-08-27

1728 ZENIT EasyRoll

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe

protection tested with 200 J impact and 15kN compression

force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region

+ SB + A + E S2: S1 + WRU S3: S2 + P WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

SRA: Slip-resistance on ceramic tile floor with Sodium lauryl sulphate solution SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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43

Ideal for:



Oil-resistant outsole

Water repellent



ProNose toe reinforcement



Ergothan Shock Absorption System

Winter model



Anti-static properties



7752



EN ISO 20345:2011, S3 SRB HRO CI

PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety High-Boots FASTENING Pull-on & Snow Lock FITTING Regular SIZE RANGE 39-47 COLLECTION MGR PLATFORM Grip

MATERIALS

NAIL PROTECTION Plasma-treated composite (PTC) textile UPPER PU-coated leather, textile PRONOSE PU

TOECAP Aluminium SOLE PU midsole, plastic shank, Rubber outsole LINING Polyester fur

INSOLE 'FX2 Winter': Textile, aluminium foil, soft EVA, polyester-based conductive thread, merino wool, double shock absorption zones in Poron® XRD®

COLOUR Black (with blue & grey)

3988 MGR WinPro

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)

PRIMARY PROTECTION

toe injuries, nail penetration, antistatic, contact with cold

PRIMARY ENVIRONMENTS OF USE

Outdoors, environments with risk for outsole penetration, cold environments, harsh environments





collection 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.

sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings : S1 or S3

insole: FX2 Winter

- Advanced winter insole antibacterial properties
- double shock absorption zones in Poron® XRD®
- Merino wool (soft, pliable & natural absorbs moisture & retain warmth)
- Superior ventilation retains warmth when cold outside, and cool when warm. • Foil layer reflects cold from underneath, but retains warmth within the shoe
- Conforms to the requirements of ESD-standard (electrostatic discharge).
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE



Aluminium Toecap



ProNose toe



Nail protection in plasma-treated composite (PTC) textile



Ergothan Shock Absorption



Heat-resistant outsole

Water repellent



Anti-statio properties

Winter model



Oil-resistant outsole



ESD

The product features remain unchanged only when insoles recommended by the manu-facturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.



3988 MGR WinPro

EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

SRB: Slip-resistance on steel floor with glycerol IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES

Euro Size	39	40	41	42	43	44	45	46	47
UK Mens Size	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	6	6.5	7	8					
US Ladies Size	8	8.5	9	10	11	12	12.5		
US Mens Size	7	7.5	8	9	10	11	11.5	12	13

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CE

Aluminium toecap

Water repellent

Oil-resistant outsole

ProNose toe reinforcement

Shock Absorption

Heat-resistant upper

Anti-static properties



EN 15090:2012, F1PA SRC CI

PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety High-Boots FASTENING Pull-on SIZE RANGE 38-50 FITTING Wide **COLLECTION Fire** PLATFORM Grip

MATERIALS

NAIL PROTECTION Steel

UPPER PU-coated leather TOECAP Aluminium

PRONOSE PU SOLE PU midsole, Rubber outsole

LINING Polyester, polyamide, Porelle®

'FX2 Pro': Textile, soft EVA, polyester-based conductive

thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with yellow)

1578 Fire Rescue

FEATURES

ProNose toe reinforcement, wide fit, KEVLAR® thread in the seams wich 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, reflector, specially designed details, double shock absorption zones

PRIMARY PROTECTION

Prevents risk of:, toe injuries, nail penetration, antistatic, wet feet

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use,

moist, harsh, oil and greasy, dirty environments, warm surfaces, environments with risk for outsole penetration,

PRIMARY AREAS OF USE Mining, fire fighting, rescue work





sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- · Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
 textile layer
- conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE











Water repellent



Ergothan Shock



Oil-resistant outsole



Anti-static properties

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2015-11-02

1578 Fire Rescue

COMPLIANCE EN 15090:2012

COMPLIANCE DESCRIPTION

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

CI: Cold insulation

HI: Heat insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SIZES (Euro): 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50

Euro Size	38	39	40	41	42	43	44	45	46	47	48	49	50
UK Mens Size	5	6	6.5	7	8	9	10	10.5	11	12	13	14	15
UK Ladies Sizes	5	6	6.5	7	8								
US Ladies Size	7	8	8.5	9	10	11	12	12.5					
US Mens Size	6	7	7.5	8	9	10	11	11.5	12	13	14	15	16

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Nail protection Heat-resistant



Waterproof

outsole



Ergothan Shock

Oil-resistant outsole

Absorption System



Heat-resistant upper



Anti-static properties





EN 15090:2012, F2A SRA CI

PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety High-Boots FASTENING Pull-on SIZE RANGE 39-48 FITTING Regular COLLECTION PLATFORM Grip Fire

MATERIALS

NAIL PROTECTION Steel

UPPER PU-coated leather TOECAP Aluminium

PRONOSE PU SOLE PU midsole, Rubber outsole

LINING Polyamide, Porelle®, D30®

'FX2 Pro': Textile, soft EVA, polyester-based conductive INSOLE thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with yellow)

4768 Fire

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

PRIMARY PROTECTION

Prevents risk of:, toe injuries, nail penetration, antistatic, wet feet

PRIMARY ENVIRONMENTS OF USE

Outdoors, all-year use, environments with risk for outsole penetration, wet environments, harsh environments

PRIMARY AREAS OF USE

Fire fighting, rescue work





sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- · Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

insole: FX2 Pro

- double shock absorption zones in Poron® XRD® textile layer
- conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



*1 Aluminium toecaps are inherently safer than composite, which do not show any visible signs of damage if they suffer internal cracks or fractures following an impact. Users may then continue to wear the boots unaware of the compromised and weakened toecaps.

These toecaps could potentially shatter and fail on subsequent

In comparison, aluminium deforms on the first impact which visibly alerts the user to replace the boots. Aluminium is also as strong as steel but is much lighter.

much lighter impacts, leading to injury which could have been avoided had the user been aware condition of the toecap

*2 A common complaint of work boots is that the inside edges of the toe cap over time start digging through the inner layers of the boot, and rub against the wearer's feet, which can cause significant pain or discomfort. JALAS use extra thick layers of silicon to cover the edge to precisely to prevent this. Even after a year of continuous wear, users routinely report that the boots are as comfortable as new.

CE



Aluminium toecap



Oil-resistant outsole

Heat-resistant upper



Nail protection





Waterproof



Anti-static properties

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4768 Fire

COMPLIANCE EN 15090:2012

COMPLIANCE DESCRIPTION

WRU: Water-resistant upper P: Penetration-resistant outsole HRO: Heat-resistant outsole compound tested at 300°C CI: Cold insulation HI3: Heat insulation performance level 3

Insulation against heat

Level of performance	ΗI ₁	HI₂	HI ₃		
Thp (C°)	150	250	250		
Inside temperature of the footwear (C°)	< 42 after 30 min	< 42 after 10 min			
Requirements for footwear degradation. Total duration of the test.	30 min	20 min	40 min		
Assessment	After testing, t	he footwear shall	conform to B.2.1.		

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

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 39, 40, 41, 42, 43, 44, 45, 46, 47, 48

Euro Size	39	40	41	42	43	44	45	46	47	48
UK Mens Size	6	6.5	7	8	9	10	10.5	11	12	13
UK Ladies Sizes	6	6.5	7	8						
US Ladies Size	8	8.5	9	10	11	12	12.5			
US Mens Size	7	7.5	8	9	10	11	11.5	12	13	14

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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53 Wallace Street, Glasgow, G5 8DJ

one of the MOST...

• **Light-weight** (weighs only 500g) • Flexible (toe bends over 90°)

• **Comfortable** (just feels like a normal shoe) • **Innovative** (advanced insole)

• & Best Value (unbeatable price) ... safety shoes in Europe



composite) Textile

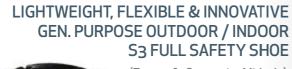








ESD



(Toecap & Composite Midsole) ideal for: General Purpose, (Mainly Indoors)

EN ISO 20345:2011, S3 SRC CI

Extremely comfortable, lightweight & flexible. Highest level of protection, excellent grip & fit, good shock absorption

SPECIFICATION

TYPE OF SHOE Safety Low Shoes FASTENING Laces NAIL PROTECTION Plasma-treated composite (PTC) textile FITTING Regular SIZE RANGE 36-47 COLLECTION E-Sport PLATFORM M-Sport INSOLE FX2 Classic

MATERIALS

UPPER PU-coated leather, split leather

LINING Polyester, polyamide

SOLE Plastic shank, PU outsole TOECAP Aluminium INSOLE Textile, soft EVA, polyester-based conductive thread, shock absorption zone in Ergothan

COLOUR Black (with grey & red)

AVAILABLE IN:



Sandal (1605) Safety Ankle Boot (1625)

JALAS® 1615 E-Sport Shoe

After over €1 million of development, the result is the Jalas E-Sport range. The 1615 is one of the most impressive & technically advanced safety shoes in Europe. In our experience, wearers who try the boots unanimously agree that the 1615 are the most comfortable workshoes they have ever experienced, with some even reporting chronic back pain having disappeared when worn with the JALAS Neutraliser Arch Supporting Orthotic Insoles. Also available in low shoe (1615) & sandal (1605) versions.

• low weight • water & oil-resistant outsole • aluminium toecap *1

• anti-static properties • protected inner toecap edge *2 • reflector

• Kevlar/Aluminium midsole *3 • ventilating insole

• double shock absorption zones • conforms with IEC 61340-5-1 (ESD).

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Outdoors, indoors, environments with risk for outsole penetration



e-sport collection & m-sport platform

- Lightweight, well balanced & comfortable perfect for general working environments. M-sport boots are made of PU which is well suited to trade & industry for indoors & outdoor use
- Highly flexible (toe cap bends over 90°) which reduces foot fatigue and strain when bending.
- Insoles are dual-zone shock-absorption insoles.
- Safety: Aluminium toecaps are as strong as steel but much lighter. Aluminium toecaps are also inherently safer than composite (which do not show any visible signs of damage if they are fractured internally after they have taken a hit, but whose integrity has been compromised and will shatter on much lighter subsequent impacts.
- PU Outsole conforms to IEC-61340-5-1
- Available in: Regular fit and in safety ratings S1, S1 P, S2 and S3

FX2 Classic insole

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



*1 Our aluminium toecaps are as strong as steel but much lighter, and are also inherently safer than composite, as composite to e caps do not show any visible signs of damage if they have internal cracks or fractures after an impact. Users will continue to wear the boots along with the compromised and weakened toecaps, which could then shatter and fail on much lighter subsequent impacts. In comparison, aluminium deforms on the first impact which visibly alerts the user to

JALAS do offer composite toecaps in some other boots in their range as some lighter duty applications demand them (e.g. non-metal products for airport security etc), however, in those environments, heavy knocks onto the toe are far less likely than in other heavy use environments (such as construction or engineering).

- *2 A common complaint of work boots is that the inside edges of the toe cap over time start digging through the inner layers of the boot, and rub against the wearer's feet, which can cause significant pain or discomfort. JALAS use extra thick layers of silicon to cover the edge to precisely to prevent this. Even after a year of continuous wear, users routinely report that the boots are as comfortable as new.
- *3 Our midsoles have 2 layers of aluminium bonded to 2 layers of Kevlar that flexes. So if a nail penetrates the outsole, the midsole will flex along with the puncture as the nail pierces each layer of aluminium and then kevlar. This means that the wearer can feel a bubble starting to form which acts as an alert, providing more notice to the wearer that a pierce risk is underway, enabling him to take remedial action before the other layers of protection are overcome. This can make the all important difference between an ordinary day at work, and a trip to the infirmary.













The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

1615 E-Sport Shoe

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

CI: Cold insulation

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size



2(2)

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· excellent grip, fit & comfort

excellent shock absorbancy

composite midsole nail

puncture protection

ladder grip

ialas® **3018** Zenit

ideal for:

Drivers,

Transport,

Utilities,

Facitilites

Outdoor /

Indoor

1(2)

work etc

Gen. Purpose

Heavy Duty,

Tradesmen,

Boots in the Zenit collection and platform are excellent for both indoor & outdoor work by the manufacturing sector, artisans, or tradesmen etc

- combined with a memory foam lining (on the foot and tongue) that 'remembers' and adapts to the shape of the wearer's foot.
- outsole's unique structure which has countless microscopic suction cups on it's surface.
- Reg. Fit IEC-61340-5-1 Available in: S1, S1P, S2 or S3

- double shock absorption zones in Poron® XRD®
- Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.







The product features remain unchanged only when insoles recommended by the manufacturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

Zenit collection & platform

• Excellent comfort: The unique FX2 shock absorption system

- Superb grip in wet & slippery environments comes from the RPU
- Outsoles are made from an innovative hi-tech RPU material that
- combines softnesss, comfort, extra strong grip & extreme durability.

insole: FX2 Supreme

- layer of comfortable Merino wool.



CE













2015-08-01



3018 Zenit (Safety Trainer)

CHEMICAL RESISTANCE According to EN ISO 20345:2011

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION

SB: Footwear with toe protection tested with 200 J

and 15kN compression force (includes oil resistant

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed

+ SB + A + E S2: S1 + WRU S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

E: Energy absorption in the heel area (tested at 20

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

2(2)

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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OUTDOOR GEN. PURPOSE S3 FULL SAFETY TRAINER SHOE (Toecap, Scuff Cap, Ladder Grip & Composite Midsole)

JALAS® 3018 Zenit

Prevents risk of: toe injuries, nail penetration, antistatic

• conforms with IEC 61340-5-1 (ESD)

PRIMARY ENVIRONMENTS OF USE

PRIMARY PROTECTION

Outdoors, environments with risk for outsole penetration

 oil-resistant outsole
 water repellent
 anti-static properties · padded shaft edge in memory foam · ProNose toe reinforcement

ventilating insole
 stabilizator
 double shock absorption zones

SP Technical research institute of Sweden

ZENIT reddot design award ϵ

Nail protection

in plasma treated (PTC), Textile

Water-repellent Oil-resistant

ProNose toe reinforcement

Ergothan Shock System

Stabilizator

Anti-Static Properties

ESD









SPECIFICATION

TYPE OF SHOE Safety low-shoes / trainers FASTENING Laces FITTING Regular SIZE RANGE 36-47 COLLECTION Zenit PLATFORM Zenit

MATERIALS

UPPER PU-coated leather, split leather LINING Polyamide, polyester PRONOSE PU TOECAP Aluminium

SOLE PU midsole, plastic shank, RPU outsole INSOLE FX2 Supreme

INSOLE MATERIAL Textile, soft EVA, merino wool, double shock absorption zones in Poron® XRD® NAIL PROTECTION Plasma-treated composite (PTC) textile

Highest level of protection, excellent grip, perfect fit, extra comfortable,

excellent shock absorption, nail protection on midsole

COLOUR Black (with grey & red)

(Toecap & Ladder Grip)

General Purpose

Indoor/Outdoor

ideal for:

Work

1(2)

Zenit collection & platform

Boots in the Zenit collection and platform are excellent for both indoor & outdoor work by the manufacturing sector, artisans, or tradesmen etc Excellent comfort: The unique FX2 shock absorption system

- combined with a memory foam lining (on the foot and tongue) that 'remembers' and adapts to the shape of the wearer's foot.
- Superb grip in wet & slippery environments comes from the RPU outsole's unique structure which has countless microscopic suction cups on it's surface.
- Outsoles are made from an innovative hi-tech RPU material that combines softnesss, comfort, extra strong grip & extreme durability.
- Reg. Fit
 IEC-61340-5-1
 Available in: S1, S1P, S2 or S3

insole: FX2 Supreme

- double shock absorption zones in Poron® XRD®
- layer of comfortable Merino wool.
- Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



















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3030 Zenit

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

WRU: Water-resistant upper

A: Electrical resistance (between 0.1-1000 Mega Ohms

E: Energy absorption in the heel area (tested at 20

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

2(2)

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.

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GEN. PURPOSE OUTDOOR S2 BASIC SAFETY TRAINER SHOE

IOOS® 3030 Zenit reddot design award

 ϵ • excellent grip, fit & comfort excellent shock absorbancy Aluminium good basic hazard protection toecap (NO nail puncture midsole protection or scuff-cap) Water-repellent

ladder grip

Oil-resistant outsole

Ergothan Shock Absorption System

Stabilizator



















Highest level of protection, (except no midsole nail puncture protection), excellent grip, perfect fit, extra comfortable, excellent shock absorption

COLLECTION Zenit PLATFORM Zenit FITTING Regular SIZE RANGE 36-47

SPECIFICATION

TYPE OF SHOE Safety footwear, low shoes INSOLE FX2 Supreme

MATERIALS

UPPER PU-coated leather, split leather LINING Polyamide, polyester

TOECAP Aluminium

NAIL PROTECTION (none) SOLE PU midsole, plastic shank, RPU outsole

BIND SOLE MATERIAL SBS

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

FASTENING Laces COLOUR Black (with grey & red)

Full safety cersion with Toe & Scuff cap, Composite Midsole (3018 'Zenit')

JALAS® 3030 Zenit

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, antistatic

PRIMARY ENVIRONMENTS OF USE Outdoors





SP Technical research institute of Sweder





2015-08-27

2(3)

ideal for:

Airports,

Security

etc

1(2)

Environmentally friendly

METAL-FREE OUTDOOR AIRPORT S₃ SAFETY SHOE

(Composite Toe cap & Midsole, PU Scuff cap)

Composite

Nail protection

Water-repellent

in plasma treated (PTC), Textile

Oil-resistant

ProNose toe

Ergothan Shock Absorption System

Anti-Static **Properties**

ESD





PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety footwear, low shoes

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

FITTING Narrow/Regular SIZE RANGE 36-47

COLLECTION Green Line PLATFORM Green Line INSOLE FX2 Pro

MATERIALS

UPPER Microfiber, textile LINING Cambrelle®, polyamide

TOECAP Composite PRO-NOSE PU

SOLE Plastic shank, PU outsole

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

COLOUR Black (with grey & green)

ALSO AVAILABLE IN Ankle Boot version (6498 'NATURE')

JALAS® 6468 EKO

FEATURES

ProNose toe reinforcing scuff cap, 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

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

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

PRIMARY AREAS OF USE

Outoor / Airport work





SP Technical research institute of Sweder

green line



collection: Green Line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- Conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.





















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01/11/2015



6468 EKO

COMPLIANCE EN ISO

20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

JIZLJ												
Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
IIS Mans Siza			6	7	75	R	a	10	11	115	12	13

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 ϵ

Manufacturing,

Artisans,

Tradesmen,

very safe & comfortable

easy quick-release mechanism

ALL-YEAR ROUND OUTDOOR GEN. PURPOSE S3 SAFETY SHOE (BOA version)

(with toe cap, scuff-cap, composite midsole & BOA lace tension system)

Highest Protection for:

Nail protection in plasma treated (PTC), Textile

Water-repellent

Oil-resistant

outsole ProNose toe reinforcement

Ergothan Shock Absorption

Stabilizator

Anti-Static **Properties**







PROPERTIES

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

SPECIFICATION

TYPE OF SHOE Safety footwear, low shoes

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile FITTING Regular SIZE RANGE 36-47 FASTENING Boa® COLLECTION Zenit PLATFORM Zenit INSOLE FX2 Supreme

MATERIALS

TOECAP Aluminium UPPER PU-coated leather, split leather LINING Polyester, polyamide PRONOSE PU

PU midsole, plastic shank, RPU outsole

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

COLOUR Black (with grey & red)

ALSO AVAILABLE IN







JALAS® 1738 ZENIT EasyRoll

FEATURES

• ProNose toe reinforcement • oil-resistant outsole

· anti-static properties · polstered shaft edge

· ventilating insole · stabilizator · water repellent

Boa® one-handed lace-tension quick-release & closure system

double shock absorption zones
 conforms with IEC 61340-5-1 (ESD)

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

Outdoors / environments with risk of outsole penetration or trapped feet.





1(2)

SP Technical research institute of Sweden

Zenit collection & platform

Boots in the Zenit collection and platform are xcellent for both indoor & outdoor work and are suitable for the manufacturing sector and for artisans.

- Excellent comfort: The unique FX2 shock absorption system combined with a memory foam lining (on the foot and tongue) that 'remembers' and adapts to the shape of the wearer's foot.
- Superb grip in wet & slippery environments comes from the RPU outsole's unique structure which has countless microscopic suction cups on it's surface.
- Outsoles are made from an innovative hi-tech RPU material that combines softnesss, comfort, extra strong grip & extreme durability.
- Reg. Fit IEC-61340-5-1 Available in: S1, S1P, S2 or S3

insole: 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).

• Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



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.



CE











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manu-facturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

2015-08-27

1738 **ZENIT** EasyRoll

COMPLIANCE

EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

2(2)

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

(1 1) 3 1, 3,		55,			13,	,	J, , ,	,				
Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

Conversions to UK or US sizes are only approximate, and values should be deemed to be plus or minus half a size.



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61

2(2)

ideal for:

Work

Basic Outdoor





EN ISO 20345:2011, S2 HRO SRB

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

SPECIFICATION

TYPE OF SHOE Safety low shoes FASTENING Laces SIZE RANGE 36-47 FITTING Regular COLLECTION Grip PLATFORM Grip

MATERIALS

UPPER Split leather, textile LINING Polyester, polyamide

SOLE PU midsole, plastic shank, rubber outsole TOECAP Aluminium

INSOLE FX2 Pro - Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey & yellow)

ALSO AVAILABLE IN Ankle Boot version (3150 'TREK')

3110 LIGHT GRIP

Popular outdoor shoe which can be viewed as a slightly more water-repellent and higher heat-resistant version of the E-Sport 1615 as it has slightly more leather. However the LIGHT GRIP does not have a nail protection midsole 'LIGHT GRIP' is available as an ankle boot version (3150 'TREK')

FEATURES

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

PRIMARY PROTECTION

Prevents risk of: toe injuries, antistatic

PRIMARY ENVIRONMENTS OF USE Gen-Purpose, Outdoors





1(2)

SP Technical research institute of Sweden

collection: Grip

The 'Grip' collection offers footwear with attractive design, high quality, grip & comfort, which are uitable for industrial environments, with various models for indoor & outdoor use.

• Outsoles: PU or Nitrile, which ensures good grip & usability

sole platform: Grip

- Extremely Durable ESD Anti-static Outsole in nitrile rubber.
- Highly Heat-resistant (HRO) for very hot floors up to 300°C
- Ice/Snow grip is excellent grip, even at very low temperatures
- · Chemical 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.
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- textile layer
- · conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.

















 $\label{thm:continuous} The \ product \ features \ remain \ unchanged \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ unchanged \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ unchanged \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ unchanged \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ unchanged \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ only \ when \ in soles \ recommended \ by \ the \ manufactures \ remain \ only \ only$ facturer are used. All values for the specified product are indicated without tolerances and may vary to actual value for individual products. We reserve the right to modify or update the information in this document without prior notice.

2015-08-27

3110 LIGHT GRIP

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION

SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU (Water-resistant upper)

HRO: Heat-resistant outsole compound tested at 300°C

- A: Electrical resistance (between 0.1-1000 Mega Ohms
- E: Energy absorption in the heel area (tested at 20 Joules)

SRB: Slip-resistance on steel floor with glycerol

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard.

SIZES (Euro): 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
UK Mens Size	3	4	5	6	6.5	7	8	9	10	10.5	11	12
UK Ladies Sizes	3	4	5	6	6.5	7	8					
US Ladies Size	5	6	7	8	8.5	9	10	11	12	12.5		
US Mens Size			6	7	7.5	8	9	10	11	11.5	12	13

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 ϵ

one handed lace-tension

& guick release system

high grip outsole

& BOA lace tension system)

ideal for:

Outdoor

Environs

Clean Indoor/

QUICK RELEASE GEN. PURPOSE

S3 SAFETY TRAINER SHOE (BOA)

(with toe cap, ladder grip, composite midsole

sole platform: Performance

- Heat-resistant to 300°C. ESD, anti-static, oil-resistant
- Nitrile rubber outsole developed in collaboration with Vibram.
- Special tread pattern & drain channels help remove water, snow & dirt.
- 360° Grip (sideways, forwards & backwards).
- Reinforced seat for maximum heel support shock absorption.
- Specially designed flexible front section
- Reg. Fit IEC-61340-5-1 Available in safety ratings: S1 or S3

insole: FX3 Exalter 2

- soft neo-foam & EVA layer for structure, shock-absorbancy, stability & comfort
- hard EVA layer provides durability, support & additional stability.
- double shock absorption zones in Poron® XRD®.
- antimicrobial protective technology Microban®
- Upgrade to JALAS NEUTRALIZER custom arch-supporting insole for ultimate foot health, safety & comfort.



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.



update the information in this document without prior notice









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9548 EXALTER Easyroll

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB

S2: S1 + WRU S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

HRO: Heat-resistant outsole compound tested at 300°C

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

Г	Euro Size	36	37	38	39	40	41	42	43	44	45	46	47
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Jalas® 9548 EXBLIER Easyroll

 Lightweight Antibacterial Aluminium toecap



Heat-resistant



Oil-resistant



Stabilizator















EN ISO 20345:2011, S3 SRC HRO

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

SPECIFICATION

TYPE OF SHOE Safety shoe FITTING Regular

FASTENING Boa® SIZE RANGE 36-47

PLATFORM Performance

COLLECTION Exalter2

MATERIALS

UPPER Microfiber, textile (1,5-1,7mm) LINING Hygienical polyamide

TOECAP Aluminium SOLE PU midsole, plastic shank, rubber outsole

NAIL PROTECTION MATERIAL Plasma-treated composite (PTC) textile

INSOLE FX3 Exalter2: Textile, soft EVA, rigid EVA, polyester-based conductive thread, neo foam, double shock absorption zones in Poron® XRD®

COLOUR Black (with grey & red)

JALAS® 9548 **EXALTER Easyroll**

FEATURES

• lightweight • water repellent • heat- & oil-resistant outsole

• Boa® closure system, quick-tie & release • ventilating insole

 stabilizator
 specially designed details
 ladder grip double shock absorption zones
 polstered shaft edge

• anti-static properties • conforms with IEC 61340-5-1 (ESD antibacterial fibre - prevents odours

· good environmental choice

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, sprain injuries, antistatic

PRIMARY ENVIRONMENTS OF USE

- Outdoors, indoors, or clean environments.
- Environments with risk of outsole penetration or of trapped feet.



Finnish Institute of

SP Technical research institute of Sweden

ideal for:

Airports,

etc

areen line

JOIOS® **6428** PRIMA

LIGHTWEIGHT METAL-FREE

Water-repellent





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

SPECIFICATION

TYPE OF SHOE Low safety shoes FASTENING Laces FITTING Narrow/Regular SIZE RANGE 36-47

COLLECTION Green Line

PLATFORM Green Line

MATERIALS

UPPER Full-grain leather (1.6-1.8mm) TOECAP Composite LINING Polyester, polyamide SOLE Plastic shank, PU outsole

NAIL PROTECTION Plasma-treated composite (PTC) textile

INSOLE FX2 Pro (Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COOUR All Black

ALSO AVAILABLE IN White slip-on version (6458 'PRIMA White')

6428 PRIMA

FEATURES

- · metal free
- · water repellent · oil-resistant outsole
- · anti-static properties
- · ventilating insole
- double shock absorption zones
- conforms with IEC 61340-5-1 (ESD)
- · good environmental choice

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

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

PRIMARY AREAS OF USE Airport work, Gen Light Duty



SP Technical research institute of Swede

green line

collection: Green Line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport friendly.

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- textile layer
- · conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE















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2015-08-10

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6428 PRIMA

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protection tested with 200 J impact and 15kN compression force (includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB + A + E

S2: S1 + WRU S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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

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

SRB: Slip-resistance on steel floor with glycerol

SRC: SRA + SRB

IEC 61340-5-1: Electrostatic Discharge (ESD) resistance below 35 megaohm

BGR 191: Orthopedic footwear adjustment according to German BGR 191. Footwear is tested with adjusted orthopedic insoles in accordance with EN ISO 20345 standard

SIZES (Euro): 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47

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2(2)

green line

Jalas® 6458 PRIMA White

LIGHTWEIGHT METAL-FREE

FULL SAFETY SLIP-ON SHOE

ideal for: Airports,

Food Industry,

Hospitals, Cleansing,

Labs,

etc

Anti-Static

ESD



EN ISO 20345:2011, S3 SRC

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

SPECIFICATION

TYPE OF SHOE Low safety shoes FASTENING Laces

SIZE RANGE 36-47 FITTING Narrow/Regular

PLATFORM Green Line **COLLECTION Green Line**

MATERIALS

UPPER Microfiber TOECAP MATERIAL Composite LINING Polyester, polyamide SOLE Plastic shank, PU outsole

NAIL PROTECTION Plasma-treated composite (PTC) textile

INSOLE FX2 Pro (Textile, soft EVA, polyester-based conductive thread, double shock absorption zones in Poron® XRD®

COLOUR White (with light grey)

ALSO AVAILABLE IN Black, laced version (6428 'PRIMA)

JALAS® 6458 PRIMA White **FEATURES**

- metal free
- water repellent
- · oil-resistant outsole anti-static properties
- polstered shaft edge
- ventilating insole
- · double shock absorption zones
- conforms with IEC 61340-5-1 (ESD)
- · good environmental choice

PRIMARY PROTECTION

Prevents risk of: toe injuries, nail penetration, antistatic

PRIMARY ENVIRONMENTS OF USE

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



SP Technical research institute of Sweden

areen line

collection: Green Line

Our Green-Line boots are metal-free & as environmentally friendly as possible. They're the first safety shoes to carry the EU Flower (the European Ecolabel). Plasma-treated composite toecaps & nail puncture protection not only help the environmental over the shoe's complete lifecycle but also make them lighter & even more airport friendly.

areen line

insole: FX2 Pro

- double shock absorption zones in Poron® XRD®
- · conforms to ESD-standard (electrostatic discharge) requirements.
- Upgrade to JALAS NEUTRALIZER Insole for ultimate foot health, safety & comfort.



CE













Anti-static properties



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2015-08-28



JALAS® 6458 PRIMA

COMPLIANCE EN ISO 20345:2011

COMPLIANCE DESCRIPTION SB: Footwear with toe protec-

tion tested with 200 J impact and 15kN compression force

(includes oil resistant outsole)

S1: Footwear made from leather and other materials excluding all-rubber or all-polymeric footwear + closed seat region + SB

S2: S1 + WRU

S3: S2 + P

WRU: Water-resistant upper

P: Penetration-resistant outsole

A: Electrical resistance (between 0.1-1000 Mega Ohms

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OUTSOLE MATERIALS

RPU soles has a unique molecular structure with 1000's of tiny suction cups that provide great grip on wet & slippery surfaces. The sole is divided into 3 areas corresponding to the natural phases of a foot step.

NITRILERUBBER 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 gives a firm grip & high durability..

TPU Thermoplastic Poly-Urethane offers very high elasticity & wearresistance. Best suited to clean, dry environments in or outdoors.

OUTSOLE PROPERTIES

ANTI-STATIC PROPERTIES

All our safety footwear have anti-static properties (EN ISO 20345:2011)

ESD (ElectroStatic Discharge) is a supplementary test that is sometimes used when essential to remove static electricity. The electrical resistance limits of ESD footwear are 100K Ω –35 $M\Omega$ and comply with IEC 61340-5-1. All safety footwear from JALAS® with an ESD picto-gram comply with IEC 61340-5-1.

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

LINING

 $\begin{tabular}{ll} \textbf{MICROFIBER} & A textile with good ventilation \& good climate for feet. \\ \end{tabular}$ **CAMBRELLE**® Well-ventilated lining material.

TECHNICAL FLEECE A micro-thin technical fleece lining for

maximum comfort during the coldest part of the year.

SYNTHETICFUR A warm lining in a mix of wool & synthetic fibres.

BIOCERAMICFUR 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.

NARROW/REGULARFIT: For those who have narrow / normal feet. LARFIT: Fits most feet.

WIDEFIT: For those who need extra width and height.

MEMBRANES Membranes with water-repellent and/or ventilating properties.

DRYLOCK

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

WATER-REPELLENT

Not easily penetrated by water, either by using a membrane or coating.

IMPACT PROTECTION

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.

TOE SCUFF-CAPS

PRONOSE Extra PU wear protection across the toecap prolongs the shoe's life. Found in most shoes of protection class S1P & S3.

SAFETY TOE-CAPS All toecaps comply with ENISO 20345:2011.

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

STEEL Found in some JALAS® safety footwear (of size 34 and 35) **COMPOSITE** Found in the metal-free JALAS® range.

All nail-protection conforms to EN ISO 20345:2011. Shoes must withstand penetration of 1.1 kN from a nail of 4.5 mm in diameter.

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.

REGULATIONS, TESTING + STANDARDS

CLA	SS	TOE CAP 200J OF IMPACT ENERGY, 15 KN OF PRESSURE	FULLY ENCLOSED HEEL	ELECTRICAL RESISTANCE (0.1-1,000) MEGAOHMS)	E ENERGY ABSORPTION AT HEEL (TESTED AT 20 JOULES)	WRU WATER- RESISTANT UPPER	CLEATED OUTSOLE	P PENE- TRATION RESISTANT OUTSOLE
1, 11	SB	•						
- 1	S 1	•	•	•	•			
- 1	S2	•	•	•	•	•		
	S3	•	•	•	•	•	•	•
Ш	S4	•	•	•	•	•		
	S5	•	•	•	•	•	•	•

KEY TO OTHER STANDARDS

S	Shoes marked S have toecaps (can withstan
Class I	200 J of impact energy and 15 kN of pressur Footwear made from leather / other materic EXCEPT all-rubber or all-polymeric footwea
Class II	All-rubber (i.e., entirely vulcanised) or all-
Р	polymeric (i.e. entirely moulded) footwear. Penetration-resistant outsole.
HRO	Heat-resistant outsole tested at 300°C.
WR WRU	Water-resistant footwear. Water-resistant upper.
CI	Cold insulation.
HI3 HI	Heat insulation. Heat insulation performance level 3.
ESD	Electrostatic Discharge.
ESD	IEC 61340-5-1 Electrostatic Discharge resistance below 35 MegaOhm.
SRA	Slip-resistance on ceramic tile floor with
SRB	Sodium lauryl sulphate solution. Slip-resistance on steel floor with glycerol.
SRC FO	SRA + SRB. Oil-resistant outsole.
A	Electrical resistance (0.1-1000 MegaOhms)
E	Energy absorption of heel (tested at 20 Joul

THE JALAS RANGE EXPLAINED

INSOLES

JALAS footwear is certified under EN ISO 20345:2011 and occupational footwear is certified under ENISO 20347:2012 (with standard insole fitted at time of sale).

Only standard insoles from JALAS® are type-approved for use in JALAS® safety footwear. But 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, and provide support in the right places and are very comfortable. For individually measured arch-support, the JALAS Neutralizer is required.

FX2 SUPREME

Insole with double shock absorption zones in Poron® XRD® and a layer of comfortable merino wool. Conforms to the require ments 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 laver. 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).

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 ESDstandard (electrostatic discharge).

FX3 Exalter

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

FSS NEUTRALIZER INSOLE

Revolutionary orthotic, anatomic, arch-supporting and shock-absorbing insole with double-zone amazingly DOUBLE DENSITY PORON XRD shock-absorbing zones, a control-bar for stability heel support, and 3 levels of archsupport, measured for each individual on the FootStop mobile computerised foot scanning service. These insoles do not come as standard with JALAS boots, but can be purchased separately and used with any of our footwear.

COLLECTIONS



WELL BALANCED AND COMFORTABLE - MAKING THEM SUITABLE FOR MANY WORKING ENVIRONMENTS IN TRADE INDUSTRY, AND INDOORS / OUTDOORS ALUMINIUM TOECAP AND INSOLE WITH DUAL SHOCK ABSORPTION ZONES.



LINE COLLECTION, WE HAVE BEEN AS ENVIRONMENTAL LY ERIENDLY

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.

DRY#LOCK 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® COLLECTION 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.

EXBLITER THE COLOURFUL **EXALTER2 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



THE GRAN PREMIO COLLECTION OF SHOES AND BOOTS OFFER A MORE SPACIOUS FIT SUITABLE FOR TOUGH CONDITIONS, BOTH INDOORS AND OUTDOORS. UNBEATABLE GRIP ON WINTER SURFACES.

GRIP COLLECTION

OFFERS ATTRACTIVE DESIGN, HIGH QUALITY AND COMFORT. OUTSOLES ARE MADE FROM PU/ NITRILE, WHICH ENSURE GOOD GRIP AND USABILITY FOR INDUSTRIAL **ENVIRONMENTS** MODELS FOR BOTH INDOOR AND OUTDOOR USE.

THE GRIP

SOLE PLATFORMS

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





enduro S1, S1 P, S2 and S3 in Wide Fit 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. Thye Stabilizator system provides support for the arch and ensures good grip on ladders. Conforms to



performance S1, S3 in Reg Fit

IEC-61340-5-1

Nitrile rubber outsole developed in collaboration with Vibram, featuring a specially designed pattern that helps remove water, snow and dirt. Grips sideways, forwards & backwards as you move. Reinforced seat section for maximum heel support and better shock absorption. Specially designed flexible construction at front of sole. ESD, anti-static, oil & heat-resistant up to 300°C. Conforms to IEC-61340-5-1

grip S1, S1 P, S2 and S3 in Reg Fit 4 Grip is made from nitrile rubber, which is extremely

durable. 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 & ice, even at very low temperatures, and 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 IEC-61340-5-1

Zenit S1, S1 P, S2 and S3 in Reg Fit The outsole is made from an innovative RPU material with extra strong grip that is also extremy dura-ble, 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

stabilizator S1 and S2 in Reg Fit Stabilizator is the outsole that has lent its name to - and become equated with – rigid protective foot-wear 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 IEC-61340-5-1



green line S1, S1 P and S3 in Narrow/Reg Fit 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, prisons & police work. Conforms to IEC-61340-5-1



m-sport S1, S1 P, S2 and S3 in Reg Fit Made from PU, a material suitable for many different environments. Suitable for industrial work and artisans, both indoors and outdoors. Conforms to IEC-61340-5-1