



Pezzol Industries was born in 1947 in Barletta, from the intuition of Giuseppe Piazzolla.

The Italian artisans who worked with leather were among the first to use their skills in making safety boots for industrial use, and in the 50s the founder recognized their value and used their considerable expertise to create and produce work shoes to be used in the developing Italian industry. The initial artisan dimension soon changed and starting from the sixties it took on the features and proportions of an industrial manufacturing site. The further developments have been achieved thanks to the commitment of the succeeding generations.

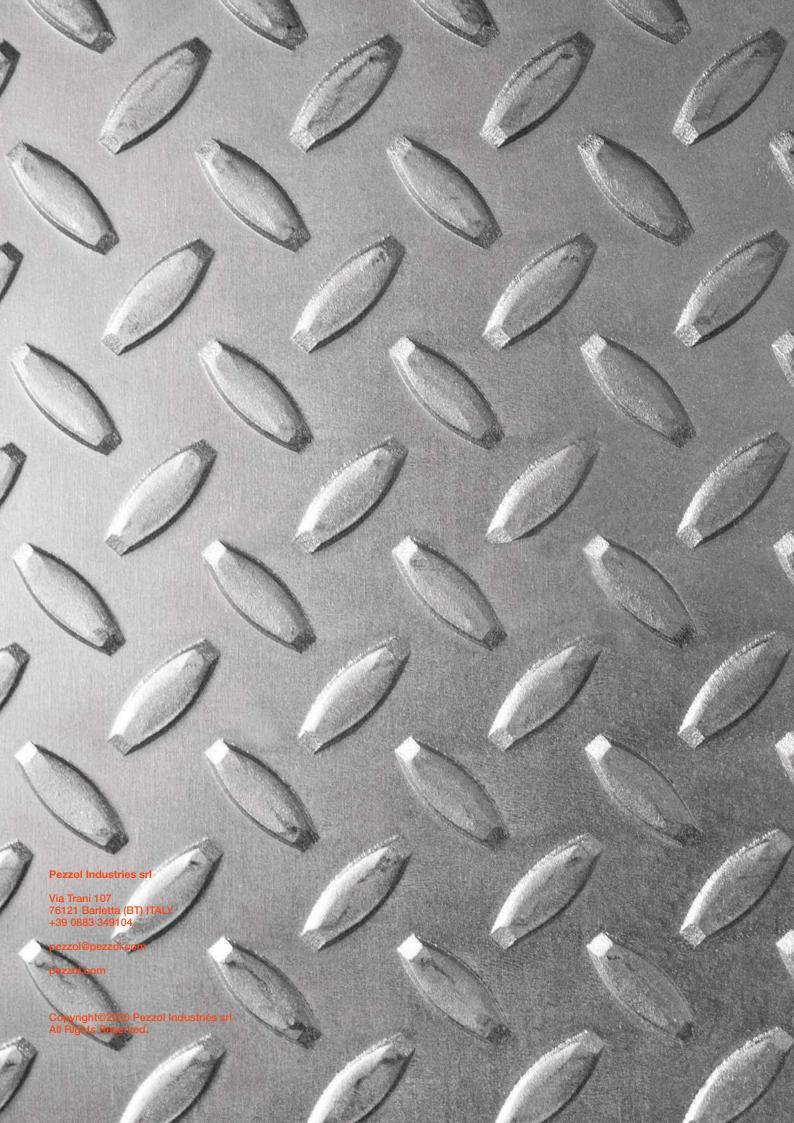
Today the key formula of Pezzol identity is the full expression of the "made in Italy" concept, which blends Tradition and Innovation in an indissoluble way.

The knowledge of the artisans refines a product created by the most modern technologies, while the intelligence of the hands offers sensitivity and emotion to the industrial processes. To this high level of know-how is added an accurate research of materials and technological solutions aiming ideally at excellence and involving all the company departments.



Over the years Pezzol DNA has been enhanced finding its maximum synthesis in the minimalism of the products, in the maximum technological value and innovation, in the safeguard of the enduser and in the absolute respect of the current regulations and International Standards. The family history continues. The same commitment and the long-term vision that led to the success of the company during its more than 70 years of life, have also been pursued by the third generation: Giuseppe and Michele, who have taken up the challenges of the third millennium, of the digital and "multicultural" world.

Giuseppe Piazzolla



# SAFETY FOOTWEAR CATALOGUE 2020

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Ideal for changing weather and wide range of activities. GORE-TEX membrane has microscopic pores 20,000 times smaller than a drop of water but 700 times larger than one water vapour molecule. This unique combination provides durable waterproofness and high breathability.





Vibram® sole compound has been designed to offer maximum performance, comfort and durability to even the most demanding user. It is chemically engineered in order to be fuel oil resistant and to provide optimal grip also on difficult and uneven surfaces.

Latest technologies in high tenacity nylon weaving. A specially engineered fiber compose a one-piece upper, with different textures for different functional areas. Extremely flexible, breathable, resistant to tearing and abrasion.





## **Technical Features**

A new concept product: the upper is the result of the X-WEAVE technology and is entirely made of highly resistant nylon material, offering maximum abrasion resistance and breathability. The heel and toe areas are made of a higher density thread structure in order to increase the abrasion resistance, while keeping the breathability performance.

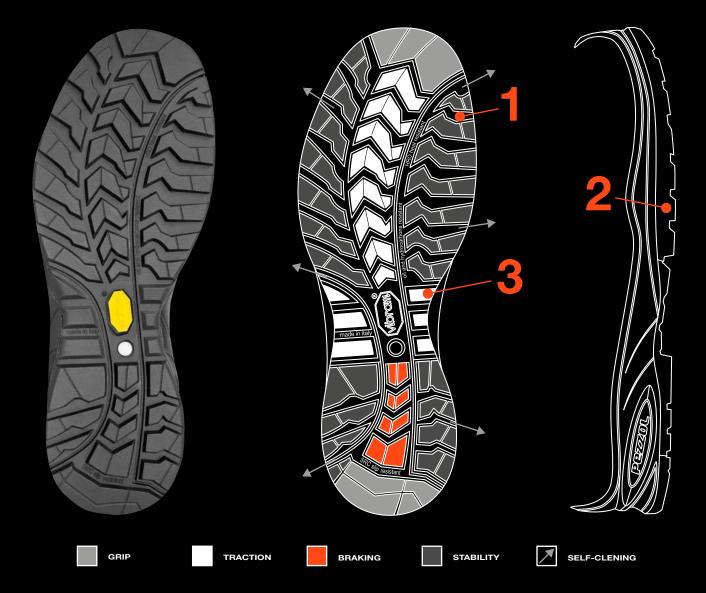
The special elastic GORE-TEX membrane, extremely breathable and water-repellent, offers an outstanding comfort and resistance to water penetration favoring the natural thermoregulation process and giving a pleasant sensation of dry feet.

A highly abrasion resistant lining covers the antistatic insole that is made of open cell polyurethane offering breathability and protection from impacts when walking.

The TYRE PU-VIBRAM RUBBER SRC HRO has been designed to offer maximum performance, comfort and durability to even the most demanding user.

Fiberglass toe cap and perforation resistant TXZERO insole made of ultimate textile material, offering outstanding lightness, protection and flexibility.





- OIL DRAINING CHANNELS TO ENHANCE GRIP AND SAFETY
- THIN RUBBER BOTTOM TO OPTIMIZE LIGHTENESS / DURABILITY RATIO
- **S** ENGRAVED SHANK FOR BETTER TRACTION ON UNEVEN GROUND

# **Design and Technology**



VIBRAM® S-LINE DESIGN, REFLECTS AND COMPLIMENTS NATURAL FOOT MOVEMENT





MANAUS 169UV-02 S3 WR HRO SRC

# **Pezzol waterproof shoes**

Pezzol GORE-TEX styles guarantee durable waterproofness and high breathability. Ideal for changing weather and wide range of activities. All footwear parts (leathers, textiles, laces, foams, threads) and the entire boot construction are geared towards maximum performance in the final end use and subjected to uncompromising quality control during all phases of the product development and production.



# GORE-TEX FOOTWEAR FOR THE WORKPLACE. PROTECTION AND COMFORT.

High climate comfort.

The GORE-TEX membrane – the hidden secret at the core of GORE-TEX Footwear offers high climate comfort in all working weather conditions.

Water stays out while sweat escapes membrane has microscopic pores 20,000 times smaller than a drop of water but 700 times larger than one water vapour molecule.

This unique combination provides durable waterproofness and high breathability.



### **BREATHABILITY**

The materials used in GORE-TEX Footwear achieve a breathability value up to six times higher than the values specified in EN ISO standard 20345/47.



### PROVEN QUALITY UNDER UNCOMPROMISING TESTING CONDITIONS.



### **DURABLE WATERPROOFNESS**

GORE-TEX Footwear has to withstand up to 300,000 flex movements (80 hours) in ankle-high water – without allowing one single drop of water to penetrate inside the boot. EN ISO standard 20344 requires only 4800 flexes (80 minutes) and 3 cm<sup>2</sup> water entry is allowed.



### **DURABILITY**

Inner lining and upper materials of GORE-TEX Footwear have to withstand up to four times more abrasion movement than specified in by the EN ISO standard.





### **SENEGAL**

169U-003





**UPPER** Water resistant X-Weave high tenacity nylon

**GORE-TEX** membrane LINING SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** T-01 36-47 SIZE

















# **MANAUS**

169UV-02







Water resistant X-Weave high tenacity nylon **UPPER** 

LINING **GORE-TEX** membrane

SOLE Tyre Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47























### **MADEIRA**



171BB-06

**UPPER** 

Water resistant TX-Micro + X-Leather + PU Overwelding

GORE-TEX membrane LINING SOLE Icon Pu-Pu SRC Fiberglass **PZX** TOE CAP ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** I-01 37-47 SIZE















## **SANTOS**

172BB-06





**UPPER** Water resistant TX-Micro + X-Leather + PU Overwelding LINING **GORE-TEX** membrane

SOLE Icon Pu-Pu SRC TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47













S3 WR SRC





### **HEIMDALL**

203BB-02

**UPPER** Water resistant **Ultimate** leather

COLLAR-TONGUE Calf Leather

**GORE-TEX** membrane LINING SOLE Icon Pu-Pu SRC Fiberglass PZX TOE CAP ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47



















# **CLAN**

185BV-02

UPPER Water resistant Ultimate leather + TPU Protective Element

COLLAR-TONGUE Calf leather

LINING **GORE-TEX** membrane

SOLE Icon Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** I-01 38-47 SIZE



















S3 WR HI HRO SRC





### **ASGARD**

### 204BB-03

UPPER Water resistant Ultimate leather

COLLAR-TONGUE Calf Leather

GORE-TEX membrane + Thinsulate® B200 LINING

Icon Pu-Pu SRC SOLE TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011

**INSOCKS** I-01 SIZE 37-47















S3 WR CI SRC



### **VIKING** 127BV-04

UPPER Water resistant Ultimate leather + TPU Protective Element

COLLAR-TONGUE Calf leather

**GORE-TEX** membrane + **Thinsulate**® B600 LINING SOLE Icon Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** I-01 SIZE 38-47

















S3 WR CI HI HRO SRC

15



### **RAMBLER FAST**

BOA



129BV-06

Water resistant Ultimate leather + Boa® + TPU Element **UPPER** 

COLLAR-TONGUE Calf leather

**GORE-TEX** membrane + **Thinsulate**® B600 LINING SOLE Icon Pu-Vibram® Fire&Ice Rubber SRC HRO

TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011

I-01 **INSOCKS** 38-47 SIZE



















### FIRE & ICE

### **VIBRAM® FIRE&ICE**

Special rubber developed for extreme situations, providing traction and support in both low and high temperatures. Vibram® Fire&lce soles maintain their flexibility in freezing temperatures for much longer than other soles tested, offering better traction in icy conditions. Soles are deeply tested for performance in sub-zero, slippery conditions, where the key factor is how they perform over time. Fuel Oil resistance features according to EN 20345 standard.



### **BOA® FIT SYSTEM**

Delivering fit solutions purpose-built for performance, the Boa® Fit System is featured in products across industries (in medical, sports and workwear) and consists of three integral parts: a micro-adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for effortless precision delivering a connected, fast, customized and durable fit, and is backed by The Boa Guarantee.



### TPU PROTECTIVE ELEMENTS

To increase the level of safety, protective elements are added to the upper. Pezzol Industries developed additional protective elements to be applied on the toe and heel in TPU to ensure greater protection from shocks and friction, and also to protect the upper from direct contact with liquids.





### TYRE PU/PU

Maximum flexibility and lightness thanks to the use of Smart Injection. Special moulding technology to obtain the Esolight compound, with high abrasion resistance. Strong grip. Antistatic/ESD.



### **TYRE PU/ VIBRAM® RUBBER**



High comfort and flexibility with this Vibram® outsole, self cleaning design so that dirt is released from the tread as the wearer walks, keeping sole pattern deep enough to maintain traction. Cleats in waist are for better grip on ladders. Shock absorbing cell in heel area. HRO heat resistant. Antistatic/ESD.



### CON PU/PU

Utmost slip resistant sole designed to provide excellent all-round performances. Waist area with cleats for grip on ladders. Exclusive cleated tread pattern outsole to provide great grip and shock absorption features. Antistatic/ESD.



### **ICON PU/ VIBRAM® RUBBER**



Maximum support and stability also in hardest environments, thanks also to Vibram® compound. Waist area with cleats for grip on ladders, also designed for use with crampons. Shock absorbing cell in heel area. Antistatic and HRO heat resistant features.

# **TYRE** PU/PU

Lightness and versatility



**DGUV 112 - 191** 

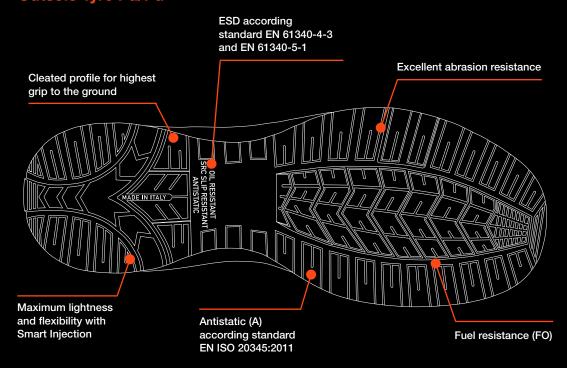
The Tyre Pu/Pu collection is designed for those who love cool and dynamic look; all styles are inspired by the world of sports and reinterpreted for safety. This footwear collection is up to 30% lighter than traditional safety shoes.

Thanks to the light toe caps and high-tech upper materials the Tyre Pu/Pu collection provides an extremely balanced, lightweight and breathable option for the most demanding workers who require agility, excellent flexibility and comfort performances.

The Tyre Pu/Pu collection is suitable for:
- Automotive

- Light Industry
- Energy and MaintenanceLogistics and Transport.

## **Outsole Tyre Pu/Pu**



### Slip resistance - SRC

according to the EN ISO 20345:2011 with method according to EN 13287:2012





## **S**1



# **BAKU**

### 190U-004

**UPPER** 

Microtech

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47





### **MONACO**

### 190U-003

UPPER Microtech suede

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47

















## **SILVERSTONE**





### 190U-005

UPPER Microtech

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47



S1 ESD SRC



### **KYALAMI**

### 164U-007





UPPER Microtech + Mesh textile + Overwelding
LINING Spyder-Net three-dimensional textile
SOLE Tyre Pu-Pu SRC

Fibruriasa P700

TOE CAP Fiberglass **PZ88**STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



S1 ESD SRC



## **S1**



## **MONTEREY**

# ESD



164U-005

UPPER Mesh textile + **PU** Overwelding
LINING **Spyder-Net** three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47





### LIMA 164U-004





UPPER Mesh textile + **PU** Overwelding
LINING **Spyder-Net** three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47







# **CHILE** 169U-004





UPPER X-Weave high tenacity nylon

LINING Spyder-Net three-dimensional textile + Elastic textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



S1 ESD SRC



### **PZ88**

Fiberglass toe cap with high mechanical performance: a lightweight component conform to EN 12568 standards, with sporty and comfortable design. It is completely non-magnetic.



### X-WEAVE

Latest technologies in high tenacity nylon weaving. A specially engineered fiber compose a one-piece upper, with different textures for different functional areas. Extremely flexible, breathable, resistant to tearing and abrasion.



### **SPYDER-NET**

High performance tight-knit three-dimensional structure textile gives an exceptional comfort, keeps the feet dry and guarantees a long lasting endurance.

# S<sub>1</sub>P



# **FORMULA 3**





821U-020

**UPPER** Microtech + Suede Velourtech leather LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile EN ISO 20345:2011 STANDARD

**INSOCKS** T-01 SIZE 36-47





### **SUZUKA**

### 190U-002

**UPPER** Microtech suede

LINING Spyder-Net three-dimensional textile

Tyre Pu-Pu SRC SOLE TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011

**INSOCKS** T-01 SIZE 36-47

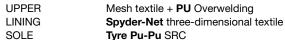




### 164U-003







TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011 **INSOCKS** T-01

SIZE 36-47













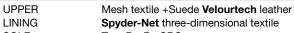






# **VIPER**

### 978U-028



SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47



S1P ESD SRC



### **SWEDE**

### 978U-030

UPPER Suede **Velourtech** leather

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



S1P ESD SRC



UPPER TX-Micro + Suede Velourtech leather + Boa® Fit System

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
ANTI PUNCTURE Txzero textile
STANDARAD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47



S1P ESD SRC

25











# S<sub>1</sub>P



### **LUCOS** 169U-007





**UPPER** X-Weave high tenacity nylon

LINING Spyder-Net three-dimensional textile + Elastic textile

SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass **PZ88** ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** T-01 36-47 SIZE











### **CORDOBA**

### 169U-006

**UPPER** 

X-Weave high tenacity nylon LINING Spyder-Net three-dimensional textile + Elastic textile

SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47

















## **ESTORIL**

### 221U-002

UPPER Water resistant Microtech

LINING Spyder-Net three-dimensional textile + Elastic textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47



S2 ESD SRC



### **BARON**

### 141U-004

UPPER Water resistant Microtech suede + SBX System

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



**S2 ESD SRC** 



### **HYDRO**

### 142U-004

UPPER Water resistant **Microtech** suede + **SBX System** 

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



**S2 ESD SRC** 

27









**S2** 



# FUJI

### 221U-001

UPPER Water resistant Microtech

LINING Spyder-Net three-dimensional textile + Elastic textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47





### **JARAMA**

### 164U-008

UPPER Water resistant Microtech

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47





### 164U-006

UPPER Water resistant **Microtech** 

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
STANDARD EN ISO 20345:2011

INSOCKS **T-01** SIZE 36-47











S2 ESD SRC











### **SENEGAL**

Tyre Pu-Pu SRC

### 169U-003





**UPPER** Water resistant X-Weave high tenacity nylon LINING **GORE-TEX** membrane SOLE Tyre Pu-Pu SRC Fiberglass PZ88 TOE CAP ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47















S3 WR SRC

29





### LEM 141U-003





**UPPER** Water resistant Microtech suede + SBX System

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC Fiberglass PZ88 TOE CAP ANTI PUNCTURE Txzero textile EN ISO 20345:2011 STANDARD

**INSOCKS** T-01 36-47 SIZE













# **AXEL**







**UPPER** Water resistant Microtech suede + SBX System

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47











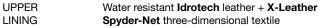






# TORO

### 978U-031



LINING Spyder-Net three-d SOLE Tyre Pu-Pu SRC TOE CAP Fiberglass PZ88 ANTI PUNCTURE STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



S3 ESD SRC



### **LEOPARD**

### 979U-009

UPPER Water resistant **Idrotech** leather + **X-Leather** 

LINING Spyder-Net three-dimensional textile

SOLE Tyre Pu-Pu SRC
TOE CAP Fiberglass PZ88
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47



S3 ESD SRC

# TYRE PU/RUBBER

Lightness and resistance



**DGUV 112 - 191** 

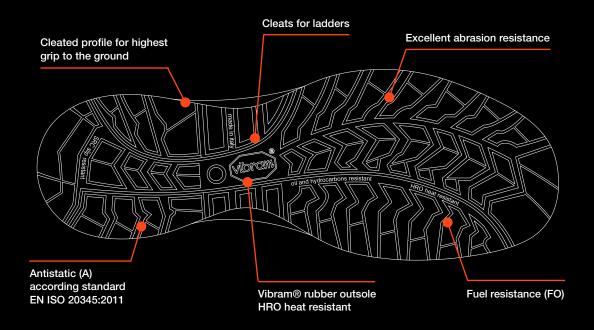
Pezzol Tyre Pu/Rubber collection is inspired by the world of sports, with a focus on lightness, flexibility and comfort.

A combination of extremely breathable materials, and Vibram® outsole offers ultimate solutions to the professionals who needs agility and flexibility.

The Tyre Pu/Rubber colle
- Petrochemical Industry er collection is suitable for:

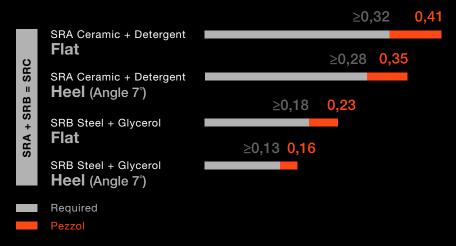
- Light Industry
- Energy and Maintenance
- Logistics and Transport.

### **Outsole Tyre Pu/Rubber**



# Slip resistance - SRC

according to the EN ISO 20345:2011 with method according to EN 13287:2012







# **SANTIAGO**





### 169UV-03

**UPPER** Water resistant X-Weave high tenacity nylon LINING Spyder-Net three-dimensional textile SOLE Tyre Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZ88 **STANDARD** EN ISO 20345:2011

**INSOCKS** T-01 SIZE 36-47



**S3** 



### **MANAUS**









**UPPER** Water resistant X-Weave high tenacity nylon LINING **GORE-TEX** membrane

Tyre Pu-Vibram® Rubber SRC HRO SOLE

TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011

**INSOCKS** T-01 SIZE 36-47





### **BILBAO**

### 137UV-03







**UPPER** Water resistant Supremoil leather + SBX System LINING

Spyder-Net three-dimensional textile SOLE Tyre Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZ88 ANTI PUNCTURE Txzero textile **STANDARD** EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47













34





### **BIARRITZ**

### 138UV-03







UPPER Water resistant **Supremoil** leather + **SBX System** 

LINING Spyder-Net three-dimensional textile SOLE Tyre Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass **PZ88**ANTI PUNCTURE **Txzero** textile
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47















# **VEGA**

### 142UV-02







UPPER Water resistant Supremoil leather + SBX System

LINING Spyder-Net three-dimensional textile SOLE Tyre Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass **PZ88**ANTI PUNCTURE **Txzero** textile
STANDARD EN ISO 20345:2011

INSOCKS T-01 SIZE 36-47















# ICON PU/PU

Maximum Support and Stability

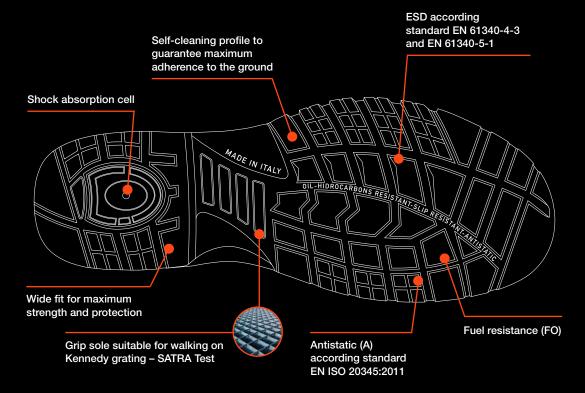


DGUV 112 - 191

Utmost slip resistant collection designed to provide excellent all-round performances. Supreme comfort with excellent durability. Waist area with cleats for grip on ladders. Exclusive cleated tread pattern outsole to provide great grip and shock absorption features. The lcon Pu/Pu collection is suitable for:
- Petrochemical Industry

- Construction
- Energy and Maintenance
- Logistics and Transport.

### **Outsole Icon Pu/Pu**



### Slip resistance - SRC

according to the EN ISO 20345:2011 with method according to EN 13287:2012





### S<sub>1</sub>P



### **TROY**

**UPPER** 

### 153BB-05



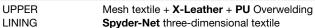
LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47







SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47







### **CONDOR**

### 172BB-05

UPPER Mesh textile + X-Leather + PU Overwelding
LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47















### **CORDOVAN**

# ESD



171BB-01

UPPER Water resistant **TX-Micro** + **X-Leather** + **PU** Overwelding

LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47













### MORGAN







UPPER Water resistant **TX-Micro** + **X-Leather** + **PU** Overwelding

LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47













S3 ESD SRC





### **MADEIRA**



171BB-06

**UPPER** Water resistant TX-Micro + X-Leather + PU Overwelding

LINING **GORE-TEX** membrane SOLE Icon Pu-Pu SRC TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile EN ISO 20345:2011 STANDARD

INSOCKS I-01 SIZE 37-47

















### **SANTOS**

### 172BB-06



Water resistant TX-Micro + X-Leather + PU Overwelding

**UPPER** LINING **GORE-TEX** membrane SOLE Icon Pu-Pu SRC TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

I-01 INSOCKS SIZE 37-47















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### **CARTER**

### BOA

### 203BB-03

UPPER Water resistant Idrotech leather + Boa® Fit System

LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC TOE CAP Fiberglass **PZX** ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** I-01 SIZE 37-47













### **SIGFRID**

### 203BB-01

**UPPER** Water resistant Idrotech leather LINING Spyder-Net three-dimensional textile

SOLE Icon Pu-Pu SRC TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47













S3 SRC



### **S**3



### **HEIMDALL**

### 203BB-02

UPPER Water resistant **Ultimate** leather

COLLAR-TONGUE Calf Leather

LINING GORE-TEX membrane
SOLE lcon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47















### **ASGARD**

### 204BB-03

UPPER Water resistant **Ultimate** leather

COLLAR-TONGUE Calf Leather

LINING GORE-TEX membrane + Thinsulate® B200

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47

















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### **ELEKTRO**

### 204BB-02

UPPER Water resistant **Idrotech** leather

LINING Thinsulate® B200
SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47



S3 CI SRC



### **THOR**

### 204BB-01

UPPER Water resistant **Idrotech** leather

LINING Thinsulate® B200
SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS **I-01** SIZE 37-47



S3 CI SRC





### **BLACK ROCK**

UPPER Water resistant Idrotech leather Non-woven 100% polyamide LINING

SOLE Icon Pu-Pu SRC TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47













### **MENDOZA**

### 131BB-05

**UPPER** Water resistant Idrotech leather

LINING Unlined

Icon Pu-Pu SRC SOLE TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47



















### **BOLIVAR**

### 131BB-06

UPPER Water resistant **Idrotech** leather

LINING Unlined

SOLE Icon Pu-Pu SRC
TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 37-47



S3 SRC



### **PZX**

High mechanical performance in a lightweight component conform to EN 12568 standards. Fiberglass toe cap with comfortable asymmetric design. It is completely non-magnetic.



### **TPU PROTECTIVE ELEMENTS**

To increase the level of safety, protective elements are added to the upper. Pezzol Industries developed additional protective elements to be applied on the toe and heel in TPU to ensure greater protection from shocks and friction, and also to protect the upper from direct contact with liquids.



### **IDROTECH**

Full grain leather with high water repellence properties. The tanning method with mineral salts provides excellent softness and mechanical resistance, thus obtaining high breathability and greater resistance to oils and hydrocarbons.

# ICON PU/RUBBER

Style and technology



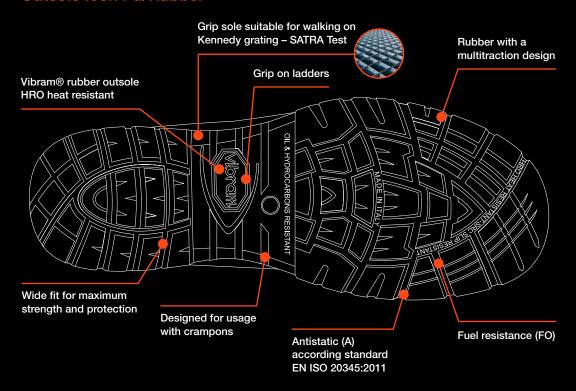
Excellent durability for a hard wearing safety boot equipped with high tech solutions with top performance leathers, GORE-TEX technology and Vibram® outsole. A durable protection against exposure to difficult environments. These styles are engineered with GORE-TEX Performance Comfort product technology. They combine durable waterproofness and optimized breathability, offering enduring waterproof protection and optimized climate comfort.

Maximum support in hardest environments, thanks also to Vibram® outsole. Waist area with cleats for grip on ladders, also designed for use with crampons. Shock absorbing cell in heel area.

The Icon Pu/Rubber collection is suitable for:

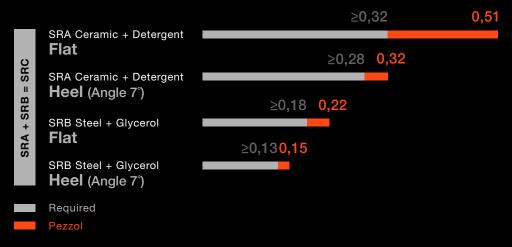
- Heavy Industry
- Petrochemical Industry
- Construction
- Energy and Maintenance.

### **Outsole Icon Pu/Rubber**



### Slip resistance - SRC

according to the EN ISO 20345:2011 with method according to EN 13287:2012





### **CLAN**

### 185BV-02



**UPPER** Water resistant **Ultimate** leather + **TPU** Protective Element

COLLAR-TONGUE Calf leather

LINING **GORE-TEX** membrane

Icon Pu-Vibram® Rubber SRC HRO SOLE

TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** I-01 38-47 SIZE





















### **VIKING**

### 127BV-04





**UPPER** Water resistant Ultimate leather + TPU Protective Element

COLLAR-TONGUE Calf leather

GORE-TEX membrane + Thinsulate® B600 LINING SOLE Icon Pu-Vibram® Rubber SRC HRO

TOE CAP Fiberglass PZX ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 38-47

























### **RAMBLER FAST**







49

129BV-06

UPPER Water resistant **Ultimate** leather + **Boa**® + **TPU** Element

COLLAR-TONGUE Calf leather

LINING GORE-TEX membrane + Thinsulate® B600 SOLE Icon Pu-Vibram® Fire&Ice Rubber SRC HRO

TOE CAP Fiberglass PZX
ANTI PUNCTURE Txzero textile
STANDARD EN ISO 20345:2011

INSOCKS I-01 SIZE 38-47



















### FIRE & ICE

### **VIBRAM® FIRE&ICE**

Special rubber developed for extreme situations, providing traction and support in both low and high temperatures. Vibram® Fire&lce soles maintain their flexibility in freezing temperatures for much longer than other soles tested, offering better traction in icy conditions. Soles are deeply tested for performance in sub-zero, slippery conditions, where the key factor is how they perform over time.

Fuel Oil resistance features according to EN 20345 standard.



### **BOA® FIT SYSTEM**

Delivering fit solutions purpose-built for performance, the Boa® Fit System is featured in products across industries (in medical, sports and workwear) and consists of three integral parts: a micro-adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for effortless precision delivering a connected, fast, customized and durable fit, and is backed by The Boa Guarantee.



### TPU PROTECTIVE ELEMENTS

To increase the level of safety, protective elements are added to the upper. Pezzol Industries developed additional protective elements to be applied on the toe and heel in TPU to ensure greater protection from shocks and friction, and also to protect the upper from direct contact with liquids.

# VINTAGE PU/RUBBER

Classic design



Rugged & adventure value for money styled collection, designed to provide long lasting in all weathers, with excellent durability.

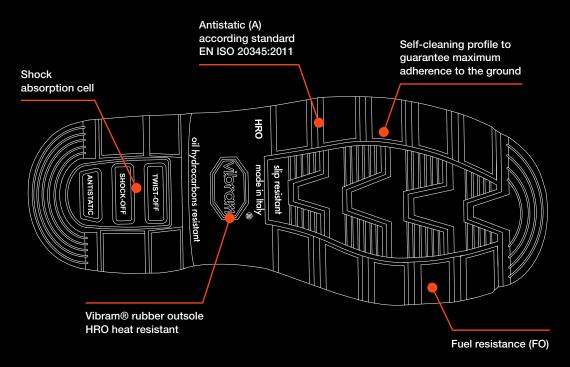
Dual component sole: direct injection Esolight 1.0 midsole with the insertion of Vibram® outsole to ensure durable protection even after exposure to petrol, oils and others lubricants.

HRO heat resistance up to  $300^{\circ}$  according to the EN 20345 standards.

er collection is suitable for:

- Heavy Industry
- Petrochemical Industry
- Construction
- Energy and MaintenanceLogistics and Transport.

### **Outsole Vintage Pu/Rubber**



### Slip resistance - SRC

according to the EN ISO 20345:2011 with method according to EN 13287:2012







### **RIO**

### 989M-012





**UPPER** Water resistant Idrotech leather + TPU Protective Element

LINING **Cambrelle®** 

SOLE Vintage Pu-Vibram® Rubber SRC HRO

Polymeric Compo200 TOE CAP ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

**INSOCKS** V-01 SIZE 38-46

















### **RANGER**

### 987M-013





**UPPER** Water resistant Idrotech leather + TPU Protective Element

LINING **Cambrelle®** 

SOLE Vintage Pu-Vibram® Rubber SRC HRO

TOE CAP Polymeric Compo200 ANTI PUNCTURE Txzero textile STANDARD EN ISO 20345:2011

INSOCKS V-01 SIZE 38-46



















### **NEVADA** 987M-014





UPPER Water resistant **Idrotech** leather + **TPU** Protective Element

LINING Thinsulate® B400

SOLE Vintage Pu-Vibram® Rubber SRC HRO

TOE CAP Polymeric **Compo200**ANTI PUNCTURE **Txzero** textile
STANDARD EN ISO 20345:2011

INSOCKS V-01 SIZE 38-46





S3 CI HRO SRC



### **IDROTECH**

Full grain leather with high water repellence properties. The tanning method with mineral salts provides excellent softness and mechanical resistance, thus obtaining high breathability and greater resistance to oils and hydrocarbons.



### **THINSULATE®**

Lightweight and slimline for outstanding thermal insulation and top-comfort. Thinsulate® also keeps the foot warm in damp or wet conditions with superior active- breathing performance. Available in 200/400/600 grams.



### **CAMBRELLE®**

Cambrelle® is a superior non-woven synthetic fabric made with a fibre specially engineered through a process which spins two types of nylon together. This gives an extremely high absorption rate and excellent breathability.

## **ASTM** STYLES

For extreme environments



From Texas to North Dakota innovative people are driving the success of the US oil and gas industry. The success is down to a new breed of rugged, hardcore individuals who work 24/7 to get the product out of the ground and into the market. Battle tested people who operate in exploration, drilling, production and logistics. Professionals who know the risks they take and the things they should do and wear to protect themselves in these working environments.

This elite crew also know style and craftsmanship when they see it and believe that safety boots don't need to be big and ugly to deliver the best protection. Pezzol Industries have been building stylish footwear for over 50 years and have an enviable reputation for designing and manufacturing safety footwear that not only delivers protection that goes beyond the US safety standards but style and comfort you would expect from Italian footwear craftsmen.



### **ASTM**



### **RIVIERA**

### 934P-003

UPPER Water resistant **Supremoil** leather + **TPU** Protective

Element + SBX System

LINING Cambrelle®

SOLE **Hybrid Pu Rubber** SRC HRO

TOE CAP Steel

STANDARD ASTM F 2413-11 M/I/75 C/75 EH

SIZE 39-47



### ASTM F 2413-11 M/I/75 C/75 EH



### **MORISCO**

### 968P-002

UPPER Water resistant **Supremoil** leather

LINING Unlined

SOLE **Hybrid Pu Rubber** SRC HRO

TOE CAP Steel

STANDARD ASTM F 2413-11 M/I/75 C/75 EH

SIZE 39-47



**ASTM F 2413-11 M/I/75 C/75 EH** 



### **EXTREME**

### 924W-001

UPPER Water resistant Supremoil leather
LINING Thinsulate® B200 + Cambrelle®
SOLE Ergonomic Pu Rubber SRC HRO

TOE CAP Bio ergonomic steel ANTI PUNCTURE **Txzero** textile

STANDARD ASTM F 2413-11 M/I/75 C/75 EH PR

SIZE 39-4



**ASTM F 2413-11 M/I/75 C/75 EH PR** 

55



## **PEZZOL** Insocks

### T-01 TYRE 1

Anatomic footbed made of two densities open cell polyureathane foam.

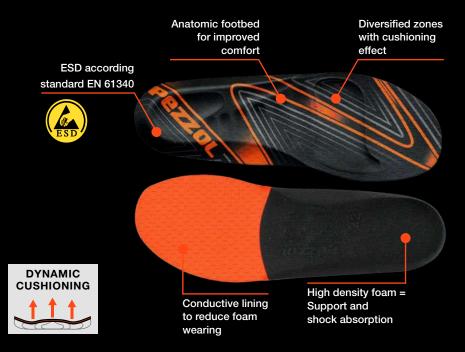
Lowest density is for cushioning, this foam is just below the foot, with a comfortable padding on forepart and heel.

Higher density foam is on the bottom part, giving support and shock absorption.

Extremely breathable due to its foam structure. The whole insock is highly antistatic and compatible with ESD EN 61340 requirements. Lining in polyester with high abrasion resistance. Forepart is also lined on the bottom

resistance. Forepart is also lined on the botton with conductive fabric in order to reduce foam wearing, maximizing durability.





### I-01 ICON 1

Anatomic footbed made of open cell polyurethane foam.

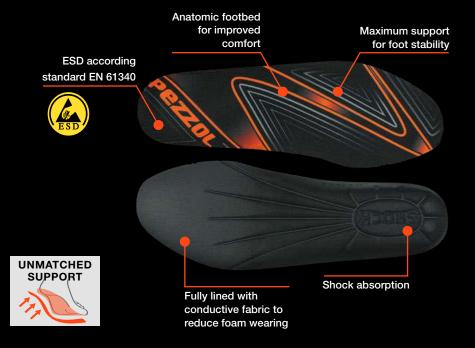
Shock absorption area on the heel and good support to the arch.

Extremely breathable due to its foam structure. Foam is also completely antibacterial.

The whole insock is highly antistatic and compatible with ESD EN 61340 requirements. Lining in polyester with high abrasion

Forepart is also lined on the bottom with conductive fabric in order to reduce foam wearing, maximizing durability.

| S     | CUSHIONING       |   |  |   |
|-------|------------------|---|--|---|
| ш     |                  |   |  |   |
| ATURE | SHOCK ABSORPTION |   |  |   |
| 2     |                  |   |  |   |
|       | DURABILITY       |   |  |   |
| Ë     | DDE ATLIA DILITY | 1 |  | _ |
| _     | BREATHABILITY    |   |  |   |





## **PEZZOL** Insocks

### V-01 VINTAGE 1

Anatomic footbed in soft polyurethane foam. Extremely high durability and resiliency. Perforated forepart and grooves design in order to improve air circulation.

Shock absorption insert on the heel.

CUSHIONING

DURABILITY

BREATHABILITY

SHOCK ABSORPTION

Lining in polyester with high abrasion resistance. Antistatic.



### **ORTHOPEDIC DGUV 112 - 191**



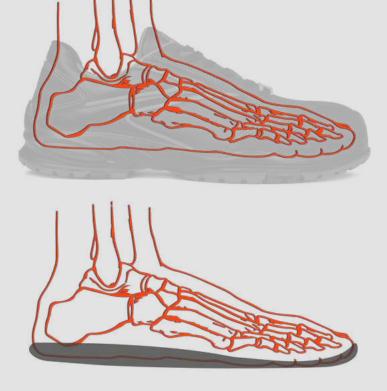
DGUV 112-191 is a regulation that states that every worker who needs an orthopedic adaptation of a pair of safety footwear, can make it, provided that the footwear keeps all requirements given by EN ISO 20345/6/7. In DGUV 112-191 the use of orthopedic insocks in safety shoes and the individual adjustment of safety shoes has been clearly defined since January 2007. Other countries have separate national regulations. Thus, it is not allowed to use privately bought insocks in safety shoes anymore, as it was practiced before.

Mainly, DGUV 112-191 regulates that each

change of safety shoes must not affect the safety-relevant characteristics and must be tested as a complete system.

Workers that need this service have first to address to their trusted orthopedist, that could prescribe a special support with determined characteristics.

This service is available for all TYRE and ICON collections.





# **PEZZOL** Outsoles



### TYRE PU/PU

Maximum flexibility and lightness thanks to the use of Smart Injection. Special moulding technology to obtain the Esolight compound, with high abrasion resistance. Strong grip. Antistatic/ESD.



### **TYRE PU/ VIBRAM® RUBBER**



High comfort and flexibility with this Vibram® outsole, self cleaning design so that dirt is released from the tread as the wearer walks, keeping sole pattern deep enough to maintain traction. Cleats in waist are for better grip on ladders. Shock absorbing cell in heel area. HRO heat resistant. Antistatic/ESD.



### CON PU/PU

Utmost slip resistant sole designed to provide excellent all-round performances. Waist area with cleats for grip on ladders. Exclusive cleated tread pattern outsole to provide great grip and shock absorption features. Antistatic/ESD.



### ICON PU/ VIBRAM® RUBBER



Maximum support and stability also in hardest environments, thanks also to Vibram® compound. Waist area with cleats for grip on ladders, also designed for use with crampons. Shock absorbing cell in heel area. Antistatic and HRO heat resistant features.



# **PEZZOL** Outsoles



### **VINTAGE** PU/ VIBRAM® RUBBER



Dual component sole: direct injection midsole and insertion of Vibram® 300°C heat resistant outsole accordingly to HRO standards. Antistatic, high resistance to abrasion, oil, hydrocarbons and chemical <u>substances.</u>



### HYBRID PU/PU

Maximum support and stability. Design outsole featured by exclusive cleated tread to provide the best adherence on all terrains. Shock absorbing cell in heel area. Antistatic.



### HYBRID PU/RUBBER

Strong robust design to provide the ultimate performances in safety and comfort. Excellent oil, hydracarbons, slip resistance; it has also 300° (60') heat resistant features accordingly to HRO Standards.



### **ERGONOMIC PU/RUBBER**

The whole rubber compound is specifically developed to guarantee the utmost grip performances on all slippery surfaces. Design outsole featured by exclusive cleated thread to provide the best adherence on all terrains. Heat resistant, resistant to temperature variations, to oils and hydrocarbons.



### SOLID PU/PU

Sporty design, maximum flexibility and lightness thanks to the use of the exclusive Esolight 1.0+2.0 compound and Smart Injection technology. Strong grip. Antistatic. Shock absorbing heel.



## **PEZZOL** Materials



### ULTIMATE

Only our best full grain leathers, carefully selected according to their breathability and water resistance, are used on our GORE-TEX line. Conformity test is extremely severe: a small cut of leather, half dip in water for 2 hours, can not drag water more than 10 mm towards the dry area.



### **SUPREMOIL**

Pezzol has developed together with premium leather companies a innovative tanning process that provides strength and softness, while the special finishing method allows high resistance to abrasion without reducing breathability.



### **IDROTECH**

Full grain leather with high water repellence properties. The tanning method with mineral salts provides excellent softness and mechanical resistance, thus obtaining high breathability and greater resistance to oils and hydrocarbons.



### **VELOURTECH**

The natural structure of the leather is optimized by tanning them in barrels with mineral salts and oils which give the fibres greater firmness and guarantees excellent abrasion resistance. A natural softness with extreme breathability and a standard water resistence is the main trait of this component.



### **MICROTECH**

Extremely breathable, the microfiber is composed of a weave of nylon fibers with a thickness lower than a human hair, combined with polyurethane for coagulation in order to give characteristics very similar to those of real leather. It does not age and maintains its characteristics over time. It is also lighter than about a third of the skin, maintaining high tensile strength, tearing and bending.



### X-LEATHER

X-Leather is a material finished with a multi-layer of polyurethane compound. High water and oil resistance. Ultimate abrasion features.

60



# PEZZOL Materials



### **TX-MICRO**

Design and color of a technical textile, with the support of a strong, durable and extremely breathable microfiber. A strongly innovative material that gives Pezzol shoes sporty look and high performances, comparable to leather in terms of tear resistance and overall comfort.



### X-WEAVE

Latest technologies in high tenacity nylon weaving. A specially engineered fiber compose a one-piece upper, with different textures for different functional areas. Extremely flexible, breathable, resistant to tearing and abrasion.



### **OVERWELDING**

Seamless technology to bind different materials of the upper without any stitching, but with a high frequency welding. Bonding on entire overlapped surfaces. This process makes possible to use different materials like PU or MicroTech for bonding them to a breathable fabric mesh, thus giving in a single piece different areas of fuctionality: breathability where there's mesh, protection where there's PU film or Microtech. And all with a sporty look.



### **THINSULATE®**

Lightweight and slimline for outstanding thermal insulation and top-comfort. Thinsulate® also keeps the foot warm in damp or wet conditions with superior active- breathing performance. Available in 200/400/600 grams.



### **CAMBRELLE®**

Cambrelle® is a superior non-woven synthetic fabric made with a fibre specially engineered through a process which spins two types of nylon together. This gives an extremely high absorption rate and excellent breathability.



### **SPYDER-NET**

High performance tight-knit three-dimensional structure textile gives an exceptional comfort, keeps the feet dry and guarantees a long lasting endurance.

## **PEZZOL** Technologies



### **BOA® FIT SYSTEM**

Delivering fit solutions purpose-built for performance, the Boa® Fit System is featured in products across industries (in medical, sports and workwear) and consists of three integral parts: a micro-adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for effortless precision delivering a connected, fast, customized and durable fit, and is backed by The Boa Guarantee.



### TPU PROTECTIVE ELEMENTS

To increase the level of safety, protective elements are added to the upper. Pezzol Industries developed additional protective elements to be applied on the toe and heel in TPU to ensure greater protection from shocks and friction, and also to protect the upper from direct contact with liquids.



### **SBX SYSTEM**

TPU stabilizer provides a high protection of the ankle and ensures perfect balance control while walking in challenging environments.



### **ESOLIGHT**

PU compound system. The midsole is made of the special microcell compound Esolight 1.0 that provides an excellent energy absorption. Esolight 1.0 provides a correct distribution of the body weight and impacts during walking, thus reducing the stress on the joints. The outsole is made of the Esolight 2.0 compound, for high durability and slip resistance.



### SMART INJECTION

Special moulding technology to obtain the Esolight compound, with high abrasion resistance. This process delivers an exceptionally lighter and thinner outsole, thus giving an excellent flexibility.

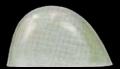


## **PEZZOL** Components



### **PZ88**

Fiberglass toe cap with high mechanical performance: a lightweight component conform to EN 12568 standards, with sporty and comfortable design. It is completely non-magnetic.



### **PZX**

High mechanical performance in a lightweight component conform to EN 12568 standards. Fiberglass toe cap with comfortable asymmetric design. It is completely non-magnetic.



### **COMPO200**

Polymeric toe cap, resisting up to 200 joules according to the EN20345 standards. The use of polymeric compound provides high performance protection which is completely non-magnetic and very light.



### **BIO-ERGONOMIC STEEL**

The asymmetric shape of the toe cap reflects the shape of the front part of the foot, to ensure maximum protection and comfort, especially during flexion of the toes during walking. 12 Mondopoint wide fit.



### **ALU200**

The aluminium toe cap has lower thickness than a regular polymer toecap, which increases the internal comfort, while the lower specific weight makes it lighter than a conventional steel toecap.



### STEEL

The stainless steel toe cap provides protective performance higher than those required by the standard EN 20345. Corrosion resistance treatments ensure a constant protection and long lasting.



### **TXZERO**

The latest textile multi-layer midsole conform to the new EN 12568 standard. Txzero ensures a higher level of safety by keeping a high comfort and flexibility. Antistatic, non-magnetic, thermal insulated.



### **INOX STEEL**

Inox stainless steel midsole is painted with a special resin that allows maximum chemical compatibility with polyurethane. This improves the adhesion between midsole and polyurethane.



## **PEZZOL** Industries



Our unique blend of tradition and technology sets Pezzol Industries Safety Footwear apart from our competitors. It's important to understand that although we are proud of our long history and proven craft skills of our team of experienced professionals we have also taken care to develop our own technology and master the new innovations that continue to be introduced into the safety footwear industry.

The Pezzol Industries manufacturing process combines the traditional and very latest robotic footwear manufacturing equipment. These digital machines guarantee total precision in the cutting, stitching and sole injection systems and are applied to the whole production cycle.

At Pezzol Industries we don't make anything other than quality footwear and we don't allow the Pezzol Industries brand to be used on any safety footwear we don't make.

Our customers can be guaranteed that every pair of safety shoes and boots we sell have been built to the highest quality standards and meet the strict criteria for a product that is genuinely "Made in Italy".

To maintain our standards we focus on controlling the whole shoe production process. Pezzol Industries was one of the first safety shoe factories in Europe to receive ISO 9001 accreditation for Total Quality Management System, according to the International Quality Standards.

At the same time Pezzol Industries has introduced an Environmental Management System, according to the ISO 14001 Standard that covers all Pezzol Industries operations. In addition, at the end of the year 2018 Pezzol Industries obtained the Social Accountability Management System SA 8000, becoming the first shoe company in Puglia to adopt this ethical certification.

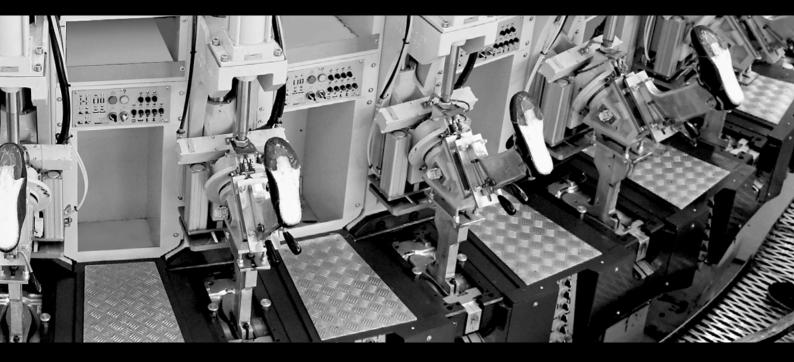
Pezzol Industries safety footwear meets all the US and European Safety Standards.

Protection in a style that's as comfortable as a handmade shoe. The comfort of a safety boot or shoe depends on many factors. The Pezzol Industries safety footwear collection has been designed with the help of people who must wear them everyday. Individuals who appreciate Pezzol Industries safety footwear for its high quality. We start with the sole and develop these using extensive studies of how it must perform in the environment it is designed for. Any new sole design must wrap around the foot without putting pressure on any of its delicate areas.

With flexibility, weight distribution and shock absorption key to the success of any new sole design the Pezzol



## **PEZZOL** Industries



Industries team use all their experience and expertise to create moulds for the sole and footbead that build in comfort by reflecting the complex biomechanics of foot movement.

The materials we use make our safety footwear look good and rugged to their core.

From fine Tuscan leather to the very latest moisture controlling synthetics the materials we use for the uppers of our safety footwear has always been selected for its quality and durablity.

How it will allow the foot to breath and how well it will disperse moisture the lining textiles we use are tested to ensure their performance meets the Pezzol Industries standard.



COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED TÜV ISO 9001: 2015



COMPANY WITH ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFIED TÜV ISO 14001: 2015



COMPANY WITH SOCIAL RESPONSIBILITY AND ADEQUATE WORKING CONDITIONS MANAGEMENT SYSTEM CERTIFIED TÜV SA 8000: 2014



## **PEZZOL** Lab



Rising expectations and demands of consumers present increasing challenges for the Safety Footwear industry

industry.

The market is asking to be faster, with a lower time-to-market and with a perfect quality.

Here at Pezzol Industries there's no space for uncertainty: Higher Speed, Higher technologies, Satisfied consumers. There's only one answer: Higher quality Standards and procedures Quality Assurance to our customers is a must, this means for us enabling proactive evaluation of footwear at all stages of development and production.





### **PEZZOL** Lab

Our mission is to source and supply the highest quality products

We have therefore invested heavily in a state-of-the-art Product Assurance Laboratory, in house, equipped with latest machines by SATRA and other top suppliers.

Laboratory works on three different lines:

- -Product Development: to verify and check that our latest developments in R&D comply with the Standards
- -Raw materials: to assure that every material/component conforms to our standards, before it comes to prodcution
- -Final Product: to check performances of the complete shoe, giving our final green light to sales Testing the materials and components that make up the finished product, as well as evaluation of the complete shoe, helps ensure safety compliance, reduce returns, improve quality and enhance customer loyalty and satisfaction.

Here below a selection of main tests carried out in house, that include:

- -Impact Resistance where a weight is dropped onto the protective toe cap area of the footwear
- -Compression Resistance, a test of a shoe's capacity to protect the toe area of the foot against steadily applied loads
- -Penetration Resistance tested using a test nail forced into the outsole of the footwear
- -Electrical Resistance
- -Water Resistance
- -Cold environments performances
- -Tearing, abrasion, Flexion resistance, Breathability of materials
- -Stitching Thread analysis
- -ESD compliance
- -Gore Centrifuge test.

We also commission a number of tests external to our laboratory including Metatarsal Protection, measuring the level of protection provided to the upper foot (metatarsal bones) and toe areas.

We work closely with laboratories such as SATRA, CIMAC, PFI, worldwide acknowledged in the footwear industry. A quality control manual and quality system training for the laboratory, together with regular equipment calibrations ensure an effectively functioning laboratory where all results are reliable, with on-going commitment.

Pezzol Industries laboratory will give its customers the confidence that reliable testing is being carried out at source, and that the goods supplied are compliant with the relevant standards, and beyond.





zzol.com 6



## **Standards**

European Standards

EN ISO 20345 EN ISO 20347

| Category   | Requirements:   | Category (without toecap) |
|------------|---|---------------------------|
| SB         | Basic requirements for shoes: toecap resistant to an impact of 200 Joules and crushing of 15kN                    | ОВ                        |
| S1         | Basic requirements + - Closed heel area - Antistatic - Energy Absorption of seat region - Fuel oil resistant sole | <b>O</b> 1                |
| S1P        | S1 + - Perforation resistance (P)   | O1P                       |
| S2         | S1 + - Water penetration upper  | 02                        |
| <b>S</b> 3 | S2 + - Perforation resistance - Cleated outsole   | О3                        |

### Additional requirements for specific applications with relevant marking symbol

| Symbol | Requirements                         |            |
|--------|--------------------------------------|------------|
| A      | Antistatic                           | Whole shoe |
| С      | Conductive footwear                  | Whole shoe |
| E      | Energy absorption of the seat region | Whole shoe |
| FO     | Fuel oil resistant sole              | Outsole    |
| Р      | Perforation resistance               | Whole shoe |
| CI     | Cold insulation of the sole          | Whole shoe |
| н      | Heat insulation of the sole          | Whole shoe |
| WR     | Water resistance                     | Whole shoe |
| HRO    | Heat-resistant outsole               | Outsole    |
| WRU    | Water penetration upper              | Upper      |
| AN     | Ankle protection                     | Whole shoe |
| CR     | Cut resistance                       | Whole shoe |
| М      | Metatarsal protection                | Whole shoe |



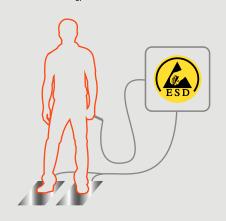
### ESD according EN 61340-4-3

Classification Metal balls inside ESD shoe on metal plate Recommended Values: Resistance R <  $10^8\Omega$ 



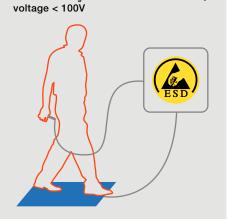
### ESD according EN 61340-5-1

Verification Human body inside ESD shoe on metal plate Recommended Values: Resistance  $R_{gp} < 10^8 \Omega$ 



### ESD according EN 61340-4-5

Walking test Human body inside ESD-shoe on EPA floor (*Electrostatic Protective Area*) Recommended Values: Resistance  $R_g < 10^9 \Omega$  and absolute body



### **SRC Certification**

| Marking | Surface                | Lubricant  | Friction factor:<br>requirements flat | Friction factor: requirements heel |  |  |  |  |  |  |  |  |
|---------|------------------------|--|---------------------------------------|------------------------------------|--|--|--|--|--|--|--|--|
| SRA     | Ceramic plates         | Sodium lauryl sulfate                                | ≥ 0.32                                | ≥ 0.28                             |  |  |  |  |  |  |  |  |
| SRB     | Steel                  | Glycerol   | ≥ 0.18                                | ≥ 0.13                             |  |  |  |  |  |  |  |  |
| SRC     | Meets requirements for | Meets requirements for the 2 above tests (SRA + SRB) |                                       |                                    |  |  |  |  |  |  |  |  |

### Size conversion chart

| EU | 35  | 36 | 37 | 38 | 39 | 40  | 41 | 42 | 43 | 44   | 45 | 46 | 47 | 48 |
|----|-----|----|----|----|----|-----|----|----|----|------|----|----|----|----|
| UK | 2.5 | 3  | 4  | 5  | 6  | 6.5 | 7  | 8  | 9  | 9.5  | 10 | 11 | 12 | 13 |
| US | 3.5 | 4  | 5  | 6  | 7  | 7.5 | 8  | 9  | 10 | 10.5 | 11 | 12 | 13 | 14 |

### Pezzol Icons



A Antistatic



P Perforation resistance



Resistant to 200 joules



**E** Energy Absorption of seat region



FO Fuel oil resistant sole



WRU Water penetration upper



HRO Heat-resistant outsole



WR Water resistance



HI Heat insulation of the sole



CI Cold insulation of the sole



M Metatarsal protection



ESD Electro static dissipative



### Instruction for use

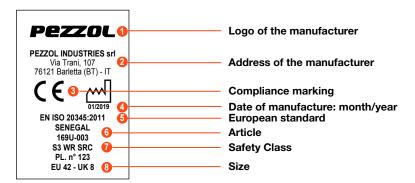
Before using the footwear read carefully this information note

#### Dear Customer

Thank you for choosing our footwear, PEZZOL Industries srl delivers all over the world high quality footwear since more than 50 years.

We strongly recommend you to keep this instruction of use for the whole lifetime of this Personal Protective Equipment (PPE), and to look through it carefully.

None of the materials used for making this footwear are hazardous to health. This footwear comes under the Category II PPE (Personal Protective Equipment) complying with the EU-Regulation 2016/425 and to Directive 89/686. Here follows is the meaning of the marking codes you will find on the footwear either under the sole or on the tongue. As an example:





**Compliance marking** 

The CE marking guarantees the free trade of products and goods within the European Union. The CE marking means that the product meets the main requirements of the Regulation EU 2016/425 and of the Directive 89/686.

The meaning of the European Standards:

FN ISO 20344:2011 Test methods:

EN ISO 20345:2011 Specifications for safety footwear with impact and compression resistance up to 200 J;

Footwear conform to EN ISO 20345:2011 norm are marked by an "S" (stands for Safety).

The basic safety is marked by "SB" (S=Safety - B=Base). This footwear must have the following minimum requirements: height of the uppers; toe cap (minimum length, minimum seat region); uppers of suede leather and/or similar; vamp lining; foot bed; sole made of any kind of material, may be smooth; the uppers of low-cut footwear may be open. The "SB" footwear never includes the following requirements unless specifically stated: antistatic properties; absorption of the energy in the heel area;

EN ISO 20346:2014

upper with dynamic waterproofing properties; anti-slip sole; cleated sole; back lining; full grain leather upper; perforation resistant insert.

Specifications for protective footwear with impact and compression up to 100 J;

Footwear conform to EN ISO 20346:2014 norm are called "Protective Footwear". They are substantially identical to the Safety Footwear. The only differeces are the fol lowing: protective toecap against impacts up to 100 J; they are marked with a "P" (stands for "Protective") instead of an "S" (Safety Footwear). Note: they must be used

EN ISO 20347:2012

only in workplaces where impacts up to 1003, they are marked with a P (stands for Protective ) instead of all 3 (Safety Political Political Description only in workplaces where impact resistance up to 1004, they are marked with a P (stands for Political Political Description only in workplaces where impact resistance up to 1004, and compression resistance up to 1004 is requested; Specifications for occupational footwear. No specific impact and compression resistance; Footwear conform EN ISO 20347:2012 norm are called "Occupational footwear". They are substantially identical to the footwear above.

The difference is that they do not have any protective toecap. They are marked by the letter "0" (stands for "Occupational") instead of the letter "S" and "P". They are identified as OB, O1, O2, O3.

Footwear with additional requirements may carry the following identifying letters:

|     |                                     | EN | ISO 20 | 0345:2 | 011 | EN ISO 20346:2014 |    |    |    | EN ISO 20347:2012 |    |    |    | Minimum values requested                   |
|-----|-------------------------------------|----|--------|--------|-----|-------------------|----|----|----|-------------------|----|----|----|--|
|     |                                     | SB | S1     | S2     | S3  | PB                | P1 | P2 | P3 | ОВ                | 01 | 02 | О3 | EN ISO 20345/6/7                           |
|     | Closed seat region                  | 0  | ٠      | •      | •   | 0                 | •  | •  | •  | 0                 | •  | •  | ٠  |  |
| Α   | Anti-static footwear                | 0  | •      | •      | •   | 0                 | •  | •  | •  | 0                 | •  | •  | •  | between 1.105 OHM and 1.109 OHM            |
| Е   | Heel energy absorption              | 0  | ٠      | •      | •   | 0                 | •  | •  | •  | 0                 | •  | •  | ٠  | ≥ 20 Joule                                 |
| WRU | Dynamic waterproofing of the uppers | 0  | 0      | •      | •   | 0                 | 0  | •  | •  | 0                 | 0  | •  | •  | > 60' - Absorption ≥ 30%                   |
| Р   | Perforation resistance              | 0  | 0      | 0      | •   | 0                 | 0  | 0  | •  | 0                 | 0  | 0  | ٠  | ≥ 1100 N                                   |
| CI  | Cold insulation                     | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | Δ temp. ≤ 10°C                             |
| HI  | Heat insulation                     | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | Δ temp. ≤ 22°C                             |
| С   | Conductive footwear                 | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | < 1.10 <sup>5</sup> OHM                    |
| HRO | Heat resistance on contact          | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | at 300°C for 60"- does not melt            |
| M   | Metatarsal protection               | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | Clearance on size 42 > 40 mm               |
| WR  | Water-resistant footwear            | 0  | 0      | 0      | 0   | 0                 | 0  | 0  | 0  | 0                 | 0  | 0  | 0  | Wet area after 80 min. < 3 cm <sup>2</sup> |
| FO  | Outsole resistance to hydrocarbons  | 0  | •      | •      | •   | 0                 | •  | •  | •  | 0                 | 0  | 0  | 0  | Volume increase < 12%                      |

Mandatory requirements Optional requirements, in addition to mandatory ones, if stated on the marking

### The EN ISO 20345:2011, EN ISO 20346:2014 and EN ISO 20347:2012 guarantee:

Non-Metallic perforation resistant insert: it can be lighter, more flexible and provide a greater coverage area when compared with the metal ones, but the resistance to the perforation can vary depending on the shape of the sharp object (i.e. the diameter, geometry, pointed shape). For further information on the type of midsole used in this footwear, please contact the manufacturer or the distributor indicated in this notice of use

-Footwear conform to EN ISO 20347:2012 do not guarantee any protection by the toecap and therefore are unable to protect the foot against impact and compression hazards.

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<sup>-</sup>The right level of comfort and solidity as stated in the European harmonized regulation
-The presence of a protection toecap able to provide protection against impacts when tested at an energy level of 200J (EN ISO 20345:2011) or 100J (EN ISO 20346:2014) and against compression hazard with a maximum load of 15000 N, that is approximately 1500 Kg. (EN ISO 20345:2011) or 10000 N, that is approximately 1000 Kg. (EN ISO 20346:2014). Room available after the damage: 14 mm in size 42.

<sup>-</sup>The Symbol P indicated the presence of an anti perforation insert. The resistance to perforation has been tested in a laboratory by applying a force of 1.100 N to a nail 4,5 mm in diameter. Bigger forces or smaller diameter nails can increase the risk of perforation. In this case, alternative preventive measures must be taken. There are currently two types of perforation resistance insert for footwear (DPI). They may be metallic or non-metallic. Both types of insert meet the minimum requirements of perforation resistance stated by the standards and shown on the footwear, but each of them has different advantages and disadvantages:

Metallic perforation resistant insert: the puncture resistance is less affected by the shape of the sharp object (i.e. the diameter, geometry, pointed shape), but it does not cover the whole surface of the lower part of the footwear, due to limitations in the size required for the production of footwear.





#### Marking for slip resistance:

The footwear meets the provisions of the above EN ISO standards in terms of anti-slip sole resistance. Initially, the new footwear may have a lower anti-slip resistance as compared to the one indicated by test results. Afterwards, the footwear anti-slip resistance may change depending on the wearing of the sole. Compliance with the specifications does not guarantee anti-slip

| SYMBOL   | MINIMUM REQUIREMENT  |
|--|--|
| SRA Test floor: Ceramic Tile Lubricant : Lauryl sulphate (NaLS) solution | 0,32 forward flat slip<br>0,28 forward heel slip (7 degrees incline) |
| SRB Test floor: Steel Lubricant : Glycerine                              | 0,18 forward flat slip<br>0,13 forward heel slip (7 degrees incline) |
| SRC  | SRA+SRB Requirements   |

Packaging, preservation, maintenance:
The shoes are packaged in boxes and must be stored in warehouses at room temperature. To ensure a longer life, clean the footwear after use:

- Clean the footwear using brushes with soft bristles, carefully removing all earth or other residuals;
   Do not machine wash if not otherwise stated on catalogue or additional documentation;
- Treat the non suede uppers regularly with a suitable polish, e.g. grease, wax, etc. Do not use aggressive products (benzene, acids, solvents, etc.), which could compromise the quality, safety
- Wet footwear must be allowed to slowly dry in a ventilated area, far from sources of heat.

#### **Expiring date:**

Due to many factors that can influence the storage life of the footwear (dampness, temperature, etc.), it is impossible to accurately determine their duration. In general, for the footwear with outsole entirely made of polyurethane or with polyurethane midsole the duration is generally esteemed up to 3 years.

Product checking and control before use:

Before wearing the shoes, please make sure that all the components are intact and that they are provided with a removable insole.

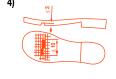
The selected footwear must meet the protection standards required by the intended field of application.
The choice of the right shoes must be based on the kind of danger you may incur. You must verify that the features indicated in the stamping reflect those requested by the work environment. In case of doubts you can ask for further information to your responsible for safety. The employer takes the responsibility to choose the right shoes in regards to the risk. Instructions for the evaluation of the damage:

- When any of the following issues occurs, the shoes must be replaced:
   Starting of relevant cracks whose depth is half the thickness of the upper. (picture nr. 1)
- Strong abrasion of upper material, especially when the protective toe cap remains uncovered (picture nr. 2)
   The upper material presents deformations in some areas, signs of burns and melting of the material, or bubbles or loose seams (picture nr.3)
- The outsole has cracks over 10 mm wide and over 3 mm deep (picture nr. 4)
- Sole cleats height lower than 1.5 mm. (picture nr. 5)
- Manual control inside the footwear in order to check for damages (picture nr. 6)
- The lacing /releasing system does not work properly.
- In case of impact and / or perforation you must replace the whole footwear, even if it is apparently not damaged.













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Antistatic footwear must be used when it is necessary to minimize electrostatic charges by partially discharging them in order to prevent the danger of combustion, for example of flammable materials and vapours, in cases where the risk of electric shock from electrical devices or live mains voltage parts cannot be completely excluded. In any case, it should be stated that antistatic footwear does not provide sufficient protection against electric shock, since it only creates resistance between the floor and the foot. If one cannot completely rule out the danger antistate rootwear does not provide standard to provide standard completely rule out the darks of electric shock, precautions must be taken to remove this danger. These precautions and the tests described below should be part of a routine accident prevention programme at the workplace. Experience demonstrates that, in normal conditions, discharge through a product occurs with an electrical resistance below 1,000 M $\Omega$  at any time of the product's life. The lower resistance limit of a new product is set at a value of 100kΩ, so as to ensure a certain level of protection against dangerous electric shocks or combustion, in the event of faults of electrical devices with a maximum voltage of 250V. However, users must be aware that in certain conditions the footwear protection could be ineffective and it may therefore be necessary to adopt other measures to fully protect the wearer at all times. The electrical resistance of this kind of footwear can be considerably modified if the shoe is bent, soiled or subject to moisture. This kind of shoe does not fulfil its functions if it is worn in a wet area. It is therefore useful to do everything so

that the product can carry out its function of discharging electrostatic charges throughout its lifetime. The user is therefore advised to regularly carry out a practical electrical resistance test on site. If the shoe is worn in conditions which favour the contamination of the material of the sole, the user should check the electrical features of his footwear every time before going into a hazardous environment. In areas where antistatic footwear is used, the resistance of the sole should be such as not to cancel the protective function of the footwear. By using antistatic footwear no insulating material should be placed between the underfoot of the footwear and the foot of the user. Should an insock be placed between the underfoot and the foot of the user, the electrical behaviour of the footwear / sole should be checked.

### Removable insock:

The footwear has been tested by the laboratory with its own insock. Should the user need to replace it, it is important to replace it with similar ones provided by the manufacturer, in order to keep the protective properties of the footwear. Safety shoes and work shoes, which need to be modified orthopaedically, may only be modified with insock and materials which are certified by the manufacturer. Please ask the manufacturer to check this possibility. Disposal:

The following materials are considered non-dangerous industrial waste, and are identified by the European Waste Code (EWC). - Leather: 04.01.99

- Fabric: 04.02.99
- Cellulose material: 03.03.99
- Metal 17.04.99 or 17.04.07
- Supports covered with PU and PVC, elastomeric and polymeric material: 07.02.99.

Harmlessness:

These shoes are produced by using raw materials that comply with the REACH-Regulation.

Certification Institute:
0465 ANCI Servizi Srl - Sez. CIMAC - C.so Brodolini, 19 - 27029 VIGEVANO (PV) - ITALY

0193 PFI - PRÜF und Forschungsinstitut - Pirmasens e.V. - Marie-Curie-Str. 19 - 66953 PIRMASENS - GERMANY 0197 TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 NÜRNBERG - GERMANY





## **Content List**

What are you looking for?

| NAME A-Z    | PAGE  | STYLE N° | STANDARD          | CATEGORY | ADD. CATEGORY | ESD | GORE-TEX | VIBRAM® | TOE CAP    |
|-------------|-------|----------|-------------------|----------|---------------|-----|----------|---------|------------|
| BAKU        | 20    | 190U-004 | EN ISO 20345:2011 | S1       | -             | Х   | -        | -       | FIBERGLASS |
| CHILE       | 23    | 169U-004 | EN ISO 20345:2011 | S1       | -             | х   | -        | -       | FIBERGLASS |
| KYALAMI     | 21    | 164U-007 | EN ISO 20345:2011 | S1       | -             | Х   | -        | -       | FIBERGLASS |
| LIMA        | 22    | 164U-004 | EN ISO 20345:2011 | S1       | -             | Х   | -        | -       | FIBERGLASS |
| MONACO      | 20    | 190U-003 | EN ISO 20345:2011 | S1       | -             | Х   | -        | -       | FIBERGLASS |
| MONTEREY    | 22    | 164U-005 | EN ISO 20345:2011 | S1       | -             | х   | -        | -       | FIBERGLASS |
| SILVERSTONE | 21    | 190U-005 | EN ISO 20345:2011 | S1       | -             | Х   | -        | -       | FIBERGLASS |
| ARCO        | 38    | 171BB-05 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| CONDOR      | 38    | 172BB-05 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| CORDOBA     | 26    | 169U-006 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| FORMULA 3   | 24    | 821U-020 | EN ISO 20345:2011 | S1P      | -             | х   | -        | -       | FIBERGLASS |
| LUCOS       | 26    | 169U-007 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| MODUL-ZERO  | 25    | 213U-001 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| MONTEZ      | 24    | 164U-003 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| SUZUKA      | 24    | 190U-002 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| SWEDE       | 25    | 978U-030 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| TROY        | 38    | 153BB-05 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| VIPER       | 25    | 978U-028 | EN ISO 20345:2011 | S1P      | -             | Х   | -        | -       | FIBERGLASS |
| BARON       | 27    | 141U-004 | EN ISO 20345:2011 | S2       | -             | Х   | -        | -       | FIBERGLASS |
| ESTORIL     | 27    | 221U-002 | EN ISO 20345:2011 | S2       | -             | Х   | -        | -       | FIBERGLASS |
| FUJI        | 28    | 221U-001 | EN ISO 20345:2011 | S2       | -             | Х   | -        | -       | FIBERGLASS |
| HYDRO       | 27    | 142U-004 | EN ISO 20345:2011 | S2       | -             | Х   | -        | -       | FIBERGLASS |
| JARAMA      | 28    | 164U-008 | EN ISO 20345:2011 | S2       | -             | х   | -        | -       | FIBERGLASS |
| MONTOYA     | 28    | 164U-006 | EN ISO 20345:2011 | S2       | -             | Х   | -        | -       | FIBERGLASS |
| SANTIAGO    | 34    | 169UV-03 | EN ISO 20345:2011 | S2       | HRO           | Х   | -        | х       | FIBERGLASS |
| ASGARD      | 15/42 | 204BB-03 | EN ISO 20345:2011 | S3       | WR CI         | -   | ×        | -       | FIBERGLASS |
| AXEL        | 30    | 142U-003 | EN ISO 20345:2011 | S3       | -             | Х   | -        | -       | FIBERGLASS |
| BIARRITZ    | 35    | 138UV-03 | EN ISO 20345:2011 | S3       | HRO           | Х   | -        | х       | FIBERGLASS |

Articles sorted by Safety Class (S1/S1P/S2/S3/ASTM) and then alphabetically by Style Name





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|--------------|-------|-----------|-------------------|-------------------|---------------|-----|----------|---------|------------|
| BILBAO       | 34    | 137UV-03  | EN ISO 20345:2011 | S3                | HRO           | Х   | -        | х       | FIBERGLASS |
| BLACK ROCK   | 44    | 222BB-01  | EN ISO 20345:2011 | S3                | -             | -   | -        | -       | FIBERGLASS |
| BOLIVAR      | 45    | 131BB-06  | EN ISO 20345:2011 | S3                | -             | -   | -        | -       | FIBERGLASS |
| CARTER       | 41    | 203BB-03  | EN ISO 20345:2011 | S3                | -             | -   | -        | -       | FIBERGLASS |
| CLAN         | 14/48 | 185BV-02  | EN ISO 20345:2011 | S3                | WR HI HRO     | -   | х        | х       | FIBERGLASS |
| CORDOVAN     | 39    | 171BB-01  | EN ISO 20345:2011 | S3                | -             | х   | -        | -       | FIBERGLASS |
| ELEKTRO      | 43    | 204BB-02  | EN ISO 20345:2011 | S3                | CI            | -   | -        | -       | FIBERGLASS |
| HEIMDALL     | 14/42 | 203BB-02  | EN ISO 20345:2011 | \$3               | WR            | -   | X        | -       | FIBERGLASS |
| LEM          | 30    | 141U-003  | EN ISO 20345:2011 | \$3               | -             | х   | -        | -       | FIBERGLASS |
| LEOPARD      | 31    | 979U-009  | EN ISO 20345:2011 | S3                | -             | х   | -        | -       | FIBERGLASS |
| MADEIRA      | 13/40 | 171BB-06  | EN ISO 20345:2011 | S3                | WR            | -   | x        | -       | FIBERGLASS |
| MANAUS       | 12/34 | 169UV-02  | EN ISO 20345:2011 | \$3               | WR HRO        | -   | x        | х       | FIBERGLASS |
| MENDOZA      | 44    | 131BB-05  | EN ISO 20345:2011 | S3                | -             | -   | -        | -       | FIBERGLASS |
| MORGAN       | 39    | 172BB-01  | EN ISO 20345:2011 | S3                | -             | х   | -        | -       | FIBERGLASS |
| NEVADA       | 53    | 987M-014  | EN ISO 20345:2011 | \$3               | CI HRO        | -   | -        | х       | POLYMERIC  |
| RAMBLER FAST | 16/49 | 129BV-06  | EN ISO 20345:2011 | S3                | WR CI HI HRO  | -   | x        | х       | FIBERGLASS |
| RANGER       | 52    | 987M-013  | EN ISO 20345:2011 | S3                | HRO           | -   | -        | x       | POLYMERIC  |
| RIO          | 52    | 989M-012  | EN ISO 20345:2011 | S3                | HRO           | -   | -        | х       | POLYMERIC  |
| SANTOS       | 13/40 | 172BB-06  | EN ISO 20345:2011 | S3                | WR            | -   | х        | -       | FIBERGLASS |
| SENEGAL      | 12/29 | 169U-003  | EN ISO 20345:2011 | S3                | WR            | -   | х        | -       | FIBERGLASS |
| SIGFRID      | 41    | 203BB-01  | EN ISO 20345:2011 | S3                | -             | -   | -        | -       | FIBERGLASS |
| THOR         | 43    | 204BB-01  | EN ISO 20345:2011 | S3                | CI            | -   | -        | -       | FIBERGLASS |
| TORO         | 31    | 978U-031  | EN ISO 20345:2011 | S3                | -             | Х   | -        | -       | FIBERGLASS |
| VEGA         | 35    | 142UV-02  | EN ISO 20345:2011 | \$3               | HRO           | х   | -        | Х       | FIBERGLASS |
| VIKING       | 15/48 | 127BV-04  | EN ISO 20345:2011 | S3                | WR CI HI HRO  | -   | х        | Х       | FIBERGLASS |
| EXTREME      | 55    | 924W-001  | EN ISO 20345:2011 | M/I/75 C/75 EH PR | -             | -   | -        | -       | STEEL      |
| MORISCO      | 55    | 968P -002 | EN ISO 20345:2011 | M/I/75 C/75 EH PR | -             | -   | -        | -       | STEEL      |
| RIVIERA      | 55    | 934P-003  | EN ISO 20345:2011 | M/I/75 C/75 EH PR | -             | -   | -        | -       | STEEL      |

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## **Notes**

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