





# Technologies and Components



## PZX E PZ88



The extremely light, non-magnetic and sportive design fiberglass toe caps for maximum mechanical performance, in compliance with EN 12568 requirements. The impact and compression test results meet and even exceed the requirements of the European and International regulations. These toe caps keep their characteristics unaffected even when stressed with the "aging" test and high temperature variations, thus resisting in all conditions for years.



## COMPO200



The polymeric toe cap resists to impact up to 200J according to EN 20345. Light, non-magnetic and thermal insulating for higher foot protection.



## ALU200



The aluminium toe cap resists to an impact up to 200J. The reduced thickness of the material guarantees maximum comfort, thanks to increased inner space and lightness compared to steel caps.



## STEEL



The stainless-steel toe cap offers higher protection performance than required by the EN 20345 Standard. Corrosion-resistant treatments ensure constant protection and long-lasting durability.



## TXZERO



The Puncture Resistant midsole made of multi-layer textile material complies with the current standard EN 12568. TxZero guarantees maximum protection, flexibility and comfort. Antistatic, non-magnetic and thermal insulating.



## INOX

Puncture resistant steel midsole guarantees protection and safety in accordance with the current EN 12568 standard.

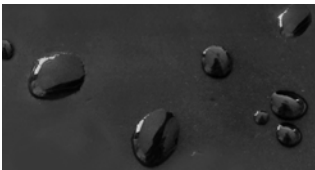


# Materials



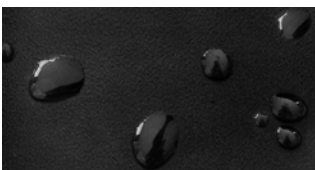
## ULTIMATE

Best full grain leathers selected for their high breathability and water resistance, thanks to the compact fiber structure. These leathers are used for GORE-TEX items and must meet higher requirements than EN ISO 20345 standards, indeed they are tested directly into GORE-TEX labs.



## SUPREMOIL

Full grain leather with high breathability. The tanning process with mineral salts gives softness and resistance, which guarantees resistance to oils and hydrocarbons.



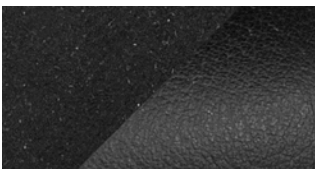
## IDROTECH

Full grain leather with high water resistance properties. The tanning process with mineral salts gives excellent softness and resistance, which guarantees breathability and durability against oils and hydrocarbons.



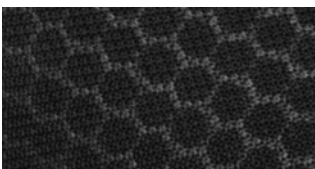
## VELOURTECH

An exceptional soft and breathable leather. The leather natural structure has been upgraded by a tanning in barrels with salts and oils that provides greater tightness and excellent abrasion resistance making its fibers tighter.



## MICROTECH

Thinner than human hair, this extremely breathable and high-tensile microfiber consist of nylon fibers combined with PU through a coagulation process. That provides extended durability, tear and bending strenght.



## TX-MICRO

Technical fabric combined with a resistant and breathable microfiber. An innovative material that gives a sporty look with the same performance as leather in terms of tear resistance and comfort.



# Materials



## PU TEK HYPERTEK



Upper fabric with exceptional abrasion resistance: over 1 million cycles in humid condition compared to the 51.200 cycles required by the European regulation. Astonishing performance in terms of flexibility, lightness, breathability and water resistance.



## X-LEATHER



Reinforced upper material with polyurethane multi-layer, for harsh environments that require high abrasion, water and oil resistance.



## THINSULATE®



Lightweight and thin lining material for outstanding thermal insulation, that keeps the feet warm in extreme weather conditions. The breathable synthetic fibers help not to disperse heat while maintaining a constant microclimate even below the zero. Available in different weights 200/400/600.



## WINTHERM®



Breathable lining textile made with aluminium microfilm to ensure an ideal foot temperature in winter safety shoes. Antistatic and antibacterial.



## EXOTECH

Exotech is a woven / non-woven fabric made with nylon fibers. The outcome is a breathable shoes with excellent sweat control and high abrasion resistance.



## SPYDER-NET

Lining material top-performing in moisture conditions. Its three-dimensional material shapes around the feet and "memorize" it, providing excellent comfort with no compromises on breathability and flexibility.



# Standards and Info

| CE EN ISO 20345 |  | CE EN ISO 20347           |
|-----------------|--|---------------------------|
| Category        | Requirements   | Category (without toecap) |
| <b>SB</b>       | Basic requirements for safety shoes: toecap resistant to an impact of 200 Joules and compression of 15kN                       | <b>OB</b>                 |
| <b>S1</b>       | Basic requirements +<br>- Closed heel area<br>- Antistatic<br>- Emery absorption at the heel part<br>- Fuel oil resistant sole | <b>O1</b>                 |
| <b>S1P</b>      | S1 +<br>- Perforation resistance   | <b>O1P</b>                |
| <b>S2</b>       | S1 +<br>- Resistance of the shoe upper to water penetration  | <b>O2</b>                 |
| <b>S3</b>       | S2 +<br>- Perforation resistance<br>- Cleated outsole  | <b>O3</b>                 |

## ADDITIONAL REQUIREMENTS TO SPECIFIC APPLICATIONS AND RELEVANT MARKING SYMBOLS

| Symbol     | Requirements                       |            |
|------------|------------------------------------|------------|
| <b>A</b>   | Antistatic                         | Whole shoe |
| <b>C</b>   | Conductive footwear                | Whole shoe |
| <b>E</b>   | Energy absorption at the heel part | Whole shoe |
| <b>FO</b>  | Fuel oil resistance sole           | Outsole    |
| <b>P</b>   | Perforation resistance             | Whole shoe |
| <b>CI</b>  | Cold insulation of the sole        | Whole shoe |
| <b>HI</b>  | Heat insulation of the sole        | Whole shoe |
| <b>WR</b>  | Water resistance                   | Whole shoe |
| <b>HRO</b> | Heat resistant outsole             | Outsole    |
| <b>WRU</b> | Water penetration resistant upper  | Upper      |
| <b>AN</b>  | Ankle protection                   | Whole shoe |
| <b>CR</b>  | Cut resistance                     | Whole shoe |
| <b>M</b>   | Metatarsal protection              | Whole shoe |

## SIZE CONVERSION CHART

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



# Standards and Info

## SRC CERTIFICATION

| Marking    | Surface   | Lubricant             | Coefficient of adhesion: flat surface requirements | Coefficient of grip: heel requirements |
|------------|---|-----------------------|--|--|
| <b>SRA</b> | Ceramic plates  | Sodium lauryl sulfate | ≥ 0.32   | ≥ 0.28                                 |
| <b>SRB</b> | Steel plate   | Glycerin              | ≥ 0.18   | ≥ 0.13                                 |
| <b>SRC</b> | Meets the requirements of the two tests mentioned above (SRA + SRB) |                       |  |  |

## ADDITIONAL TESTS: KENNEDY GRATING SLIP TEST AND SCAFFOLD BOARD TEST

Slip resistance is an important feature of safety shoes. To be sure our products are safe in all conditions and environments, and increase their level of protection, shoes are additionally tested with the Kennedy Grating Slip Test and Scaffold Board Test.

They requires specific surfaces to try out slip resistance of the shoe:

- metal for Kennedy Grating Test
- wood for Scaffold Board Test

The test consists of measuring the coefficient of friction between outsole and the surfaces in dry and wet conditions.

These specific tests, although not mandatory, qualify our products performances above the European standards, and boost the safety level, thus our customers satisfaction.



## ICONS



**A** ANTISTATIC



**M** METATARSAL PROTECTION



**P** PERFORATION RESISTANCE



**CI** COLD INSULATION OF THE SOLE



**IMPACT AND COMPRESSION RESISTANCE UP TO 200 JOULES**



**HI** HEAT INSULATION OF THE SOLE



**E** ENERGY ABSORPTION AT THE HEEL PART



**HRO** HEAT RESISTANT OUTSOLE



**ESD** LOW ELECTRICAL RESISTANCE FOOTWEAR



**FO** FUEL OIL RESISTANCE SOLE



FOOTWEAR WITHOUT METAL COMPONENTS



**WRU** WATER PENETRATION RESISTANT UPPER



FOOTWEAR ACCORDING TO DGVU 112-191 REGULATION



**WR** WATER RESISTANCE



DIELECTRIC FOOTWEAR ACCORDING TO THE ASTM STANDARD





ON DEMAND



## ADVANTAGE

204BV-01 S3 CI HI HRO SRC



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Idrotech</b> leather |
| LINING        | <b>Thinsulate®</b> B200                 |
| SOLE          | <b>Icon Pu-Rubber Vibram®</b> SRC HRO   |
| TOECAP        | Fiberglass <b>PZX</b>                   |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert            |
| STANDARD      | EN ISO 20345:2011                       |
| INSOLE        | <b>T-01</b>                             |
| SIZE          | 38-48                                   |



ON DEMAND



## AZUL

203BV-04 S3 CI HI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>BOA® Fit System</b> |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                       |
| SOLE          | <b>Icon Pu-Rubber Vibram®</b> SRC HRO                            |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert                                     |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 38-48  |



ON DEMAND



## FLORES

279BV-01 S3 CI HI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>BOA® Fit System</b> |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                       |
| SOLE          | <b>Icon Pu-Rubber Vibram®</b> SRC HRO                            |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert                                     |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 38-48  |





**MAYA**  
131BV-02 S3 HI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | Unlined  |
| SOLE          | <b>Icon Pu-Rubber Vibram® SRC HRO</b>                                  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 38-48  |



**CARLOS**  
222BV-04 S3 CI HI HRO SRC



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Supremoil</b> leather+ <b>TPU</b> Insert+ <b>X-Leather</b> |
| LINING        | <b>Exotech</b> high absorption nylon  |
| SOLE          | <b>Icon Pu-Rubber Vibram® SRC HRO</b>   |
| TOECAP        | Fiberglass <b>PZX</b>   |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert  |
| STANDARD      | EN ISO 20345:2011   |
| INSOLE        | <b>T-01</b>   |
| SIZE          | 38-48   |







## ALLIGATOR

172BV-02 S3 WR CI HI HRO SRC

|               |  |
|---------------|--|
| UPPER         | Water resistant <b>TX-Micro + X-Leather + PU</b> Overwelding |
| LINING        | Membrane <b>GORE-TEX</b>                                     |
| SOLE          | <b>Icon Pu-Rubber Vibram® SRC HRO</b>                        |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert                                 |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 38-48  |



## TIGER SNAKE

171BV-02 S3 WR CI HI HRO SRC

|               |  |
|---------------|--|
| UPPER         | Water resistant <b>TX-Micro + X-Leather + PU</b> Overwelding |
| LINING        | Membrane <b>GORE-TEX</b>                                     |
| SOLE          | <b>Icon Pu-Rubber Vibram® SRC HRO</b>                        |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert                                 |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 38-48  |

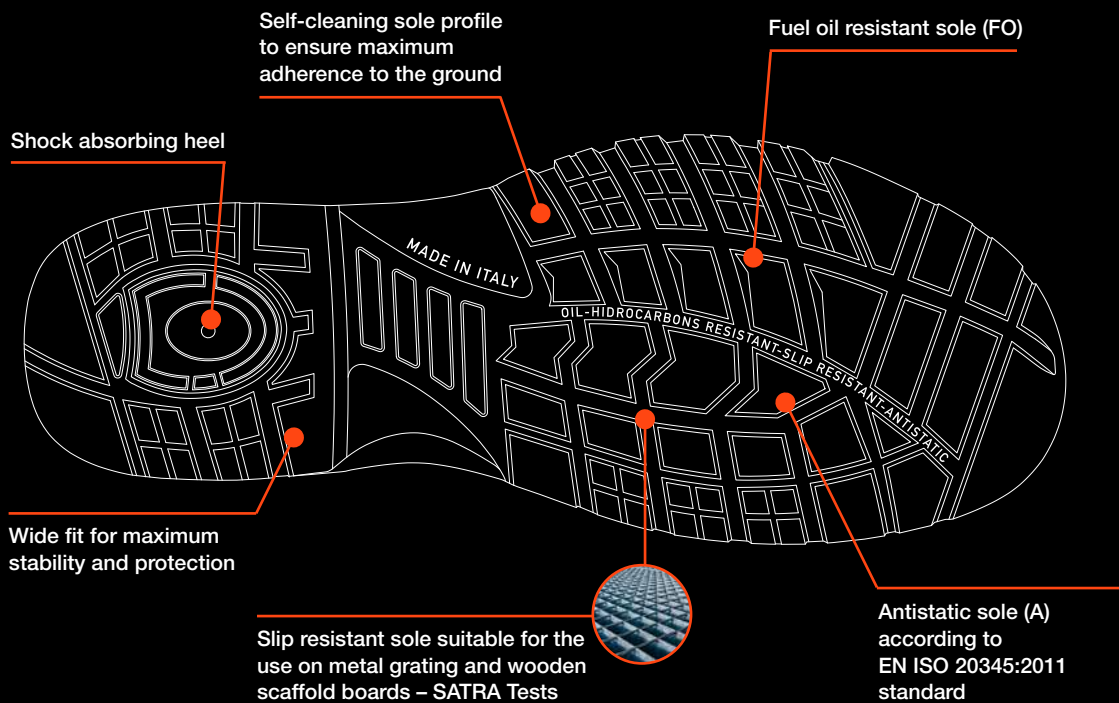


The **Icon Fiberglass** line is characterized by high slip resistance and designed to offer every type of performance. Excellent comfort and resistance. The slip-resistant cleats in the waist area improve grip on ladders. Exclusive sole profile to ensure high grip on the ground and shock absorption.

The **Icon Fiberglass** line is suitable for :

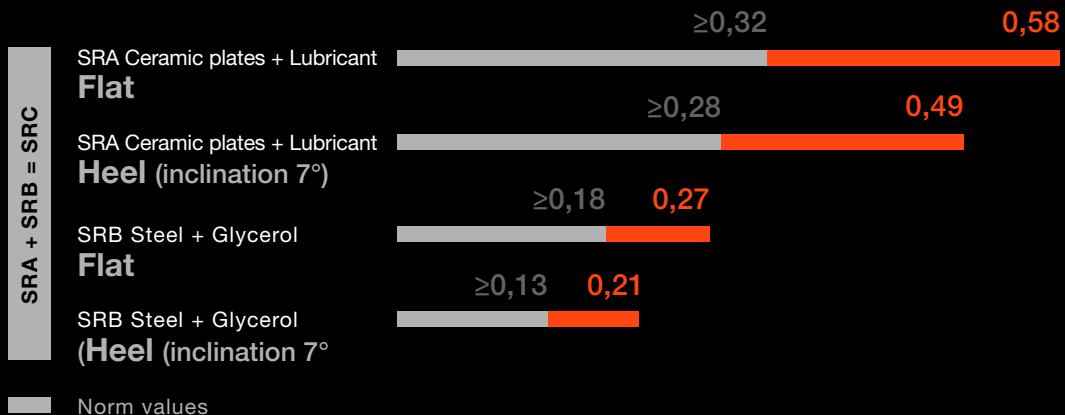
- Petrochemical industry
- Constructions
- Agriculture and zootechny
- Logistic and Transport.

## Icon Dual Density Pu Outsole



## Slip resistance requirements - SRC

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





## ATLANTICO 131BB-07 S3 WR SRC

|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | Membrane <b>GORE-TEX</b>   |
| SOLE          | <b>Icon Dual Density Pu SRC</b>  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 37-47  |



ESOLIGHT



TX



ZERO



## BOLIVAR 131BB-06 S3 SRC

|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | Unlined  |
| SOLE          | <b>Icon Dual Density Pu SRC</b>  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 37-47  |



ESOLIGHT



TX



ZERO





**MENDOZA**  
131BB-05 S3 SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | Unlined  |
| SOLE          | <b>Icon Dual Density Pu SRC</b>  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011 + DGVV 112-191                                       |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 37-47  |



**BLACK ROCK**  
222BB-01 S3 SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | <b>Exotech</b> high absorption nylon                                   |
| SOLE          | <b>Icon Dual Density Pu SRC</b>  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011 + DGVV 112-191                                       |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 37-47  |





**HIDALGO**  
222BB-03 S3 CI SRC

|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                             |
| SOLE          | <b>Icon Dual Density Pu SRC</b>  |
| TOECAP        | Fiberglass <b>PZX</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011 + DGVU 112-191                                       |
| INSOLE        | <b>T-01</b>  |
| SIZE          | 37-50  |



**DURANGO**  
222BB-02 S3 SRC

|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Supremoil</b> leather + <b>TPU</b> protection insert |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                              |
| SOLE          | <b>Icon Dual Density Pu SRC</b>   |
| TOECAP        | Fiberglass <b>PZX</b>   |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert  |
| STANDARD      | EN ISO 20345:2011 + DGVU 112-191  |
| INSOLE        | <b>T-01</b>   |
| SIZE          | 37-47   |



# HYBRID SPECIAL

Technology for specialists



**SONORA**  
916P-018  
S3 HI HRO SRC



This line combines high-quality leathers and new technologies to create comfortable, resistant and long-lasting products while offering maximum protection at work.

Polyurethane midsole directly injected on upper and rubber outsole that ensures high slip-resistance to oils and hydrocarbons. Resisting to contact heat (HRO) up to 300°C.

The **Hybrid Special** line is suitable for :

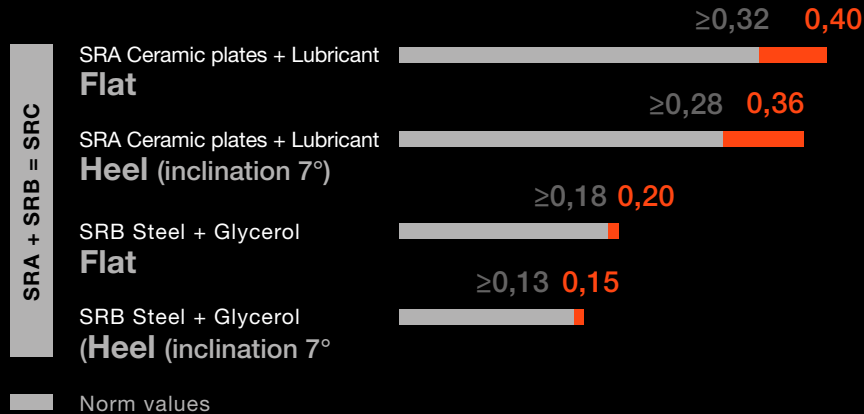
- Heavy industry
- Petrochemical industry
- Constructions
- Agriculture and zootechny.

## Hybrid Pu-Rubber Outsole



## Slip resistance requirements - SRC

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





**COBRA**  
916P-017 S3 HI HRO SRC



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Supremoil</b> leather+ <b>TPU</b> Inserts+ <b>SBX System</b> |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                                      |
| SOLE          | <b>Hybrid Pu-Rubber SRC HRO</b>   |
| TOECAP        | <b>Steel</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert  |
| STANDARD      | EN ISO 20345:2011 + DGVU 112-191  |
| INSOLE        | <b>T-01</b>   |
| SIZE          | 38-48   |



**SONORA**  
916P-018 S3 HI HRO SRC



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Supremoil</b> leather+ <b>TPU</b> Inserts+ <b>SBX System</b> |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                                      |
| SOLE          | <b>Hybrid Pu-Rubber SRC HRO</b>   |
| TOECAP        | <b>Steel</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert  |
| STANDARD      | EN ISO 20345:2011+ DGVU 112-191   |
| INSOLE        | <b>T-01</b>   |
| SIZE          | 38-48   |





## COHIBA

997P-007 SB P E WRU FO HI HRO SRC  
ASTM F2413-18 M/I/75 C/75 EH PR



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Idrotech</b> leather |
| LINING        | High abrasion resistant polyester       |
| SOLE          | <b>Hybrid Pu-Rubber</b> SRC HRO         |
| TOECAP        | Polymeric <b>Compo200</b>               |
| ANTI-PUNCTURE | <b>Txzero</b> textile insulating insert |
| STANDARD      | EN ISO 20345:2011 + ASTM F2413-18       |
| INSOLE        | <b>H-01</b>                             |
| SIZE          | 38-48                                   |



## BOGOTÁ

996P-003 SB P E WRU FO HI HRO SRC  
ASTM F2413-18 M/I/75 C/75 EH PR



|               |   |
|---------------|---|
| UPPER         | Water resistant <b>Idrotech</b> leather |
| LINING        | High abrasion resistant polyester       |
| SOLE          | <b>Hybrid Pu-Rubber</b> SRC HRO         |
| TOECAP        | Polymeric <b>Compo200</b>               |
| ANTI-PUNCTURE | <b>Txzero</b> textile insulating insert |
| STANDARD      | EN ISO 20345:2011 + ASTM F2413-18       |
| INSOLE        | <b>H-01</b>                             |
| SIZE          | 38-48                                   |





## NEXUS 259P-001 S3 M HI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + Quick-release system+ <b>TPU</b> metatarsal protection |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric   |
| SOLE          | <b>Hybrid Pu-Rubber</b> SRC HRO  |
| TOECAP        | Polymeric <b>Compo200</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011 + DGVU 112-191   |
| INSOLE        | <b>H-01</b>  |
| SIZE          | 38-48  |



## BELMONT 258P-001 S3 HI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + Quick-release system |
| LINING        | <b>Spyder-Net</b> three-dimensional fabric                     |
| SOLE          | <b>Hybrid Pu-Rubber</b> SRC HRO                                |
| TOECAP        | Polymeric <b>Compo200</b>                                      |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert                                   |
| STANDARD      | EN ISO 20345:2011+ DGVU 112-191                                |
| INSOLE        | <b>H-01</b>  |
| SIZE          | 38-48  |





**RAGUSA FAST**  
**969P-010 S3 M HI HRO SRC**



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | <b>BOA® Fit System</b> + <b>Poron XRD®</b> metatarsal protection       |
| SOLE          | Soft polyester velvet effect   |
| TOECAP        | <b>Hybrid Pu-Rubber SRC HRO</b>  |
| ANTI-PUNCTURE | <b>Steel</b>   |
| STANDARD      | <b>Txzero</b> textile insert   |
| INSOLE        | EN ISO 20345:2011  |
| SIZE          | <b>T-01</b><br>38-48   |



**PORON XRD® METATARSAL PROTECTION**

In order to meet the needs of the most demanding workers safety-wise, some leyt items are provided with a metatarsal protection in Poron XRD®, like the s Ragusa Fast. Poron XRD® is a newest micro-cellular polyurethan, used to protect the body from shocks and impact, by discharging the impact energy and avoiding any injury to the protected area. Thanks to its controlled deformability, it absorbs the impacts that would otherwise cause serious injuries, while protecting the ankle. This type of protection remains comfortable by any flexion.

# VINTAGE HRO COMPO

Classic Design



**RIO**  
989M-012  
S3 HRO SRC

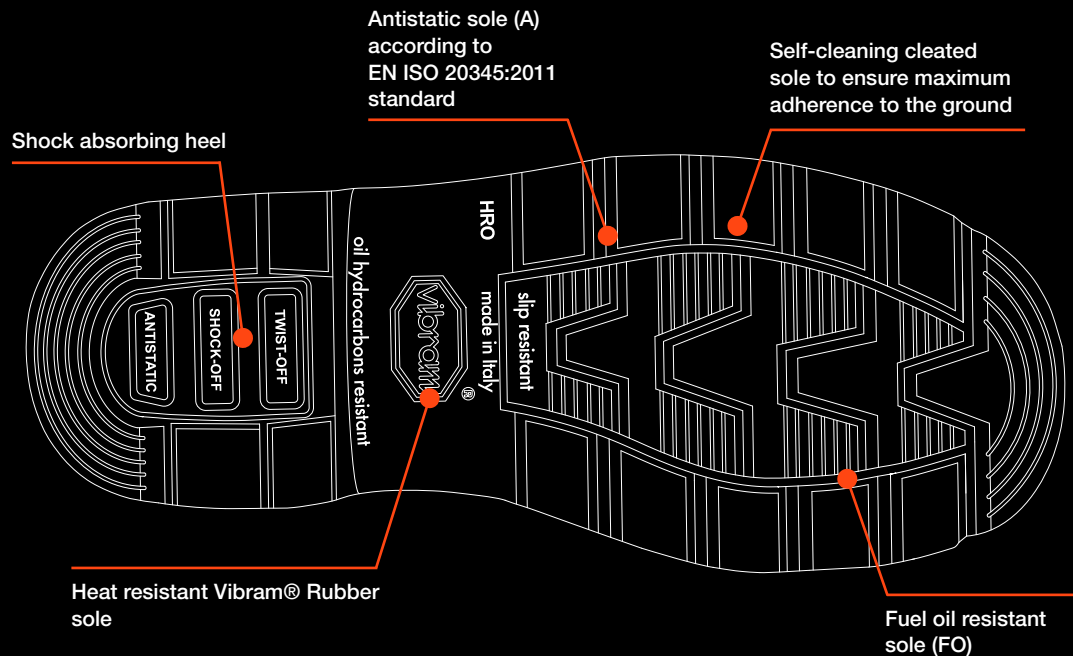


Strong and with a captivating look, these safety shoes are suitable in all weather conditions. Dual-density sole: Polyurethane midsole directly injected on upper and rubber outsole that ensures high slip-resistance to oils and hydrocarbons.

The **Vintage HRO Compo** line is suitable for :

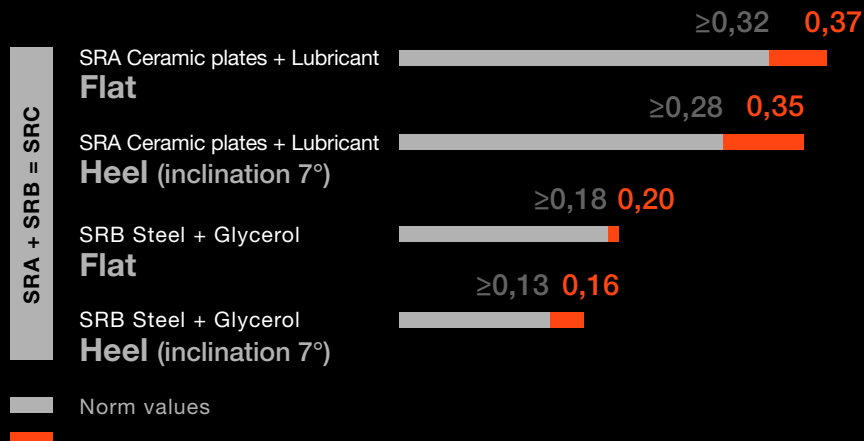
- Heavy industry
- Petrochemical industry
- Constructions
- Agriculture and zootechny.

## Vintage Pu-Rubber Vibram® Outsole



## Slip resistance requirements - SRC

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







## NEVADA 987M-014 S3 CI HRO SRC



|               |  |
|---------------|--|
| UPPER         | Water resistant <b>Idrotech</b> leather + <b>TPU</b> protection insert |
| LINING        | <b>Thinsulate®</b> B400  |
| SOLE          | <b>Vintage Pu-Rubber Vibram®</b> SRC HRO                               |
| TOECAP        | Polymeric <b>Compo200</b>  |
| ANTI-PUNCTURE | <b>Txzero</b> textile insert   |
| STANDARD      | EN ISO 20345:2011  |
| INSOLE        | <b>V-01</b>  |
| SIZE          | 38-46  |



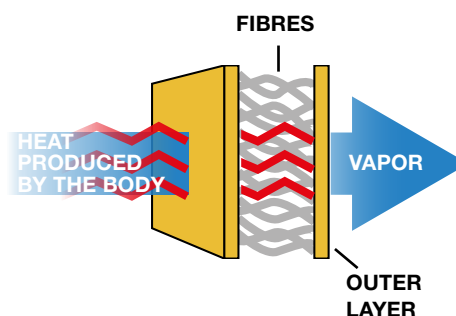
### VINTAGE PU-RUBBER VIBRAM®

Two-component sole made by direct injected PU midsole and Vibram® Rubber HRO heat resistance sole up to 300°C for 60" according to European standards. The wide sole increases stability, while the profiled channels ensure quick discharge of water and oils.



### THINSULATE®

The best feature in terms of thermal protection is the THINSULATE®: light and thin material certified for its thermal insulation capacity that keeps the foot warm even in extreme weather conditions. Its synthetic fibers keep the heat, maintaining a stable microclimate into the shoe even by temperatures below zero.





## WARHOL

276S-002 S2 SRC



|          |  |
|----------|--|
| UPPER    | Water repellent synthetic material         |
| LINING   | <b>Spyder-Net</b> three-dimensional fabric |
| SOLE     | <b>Solid Dual Density Pu SRC</b>           |
| TOECAP   | Polymeric <b>Compo200</b>                  |
| STANDARD | EN ISO 20345:2011                          |
| INSOLE   | <b>S-02</b>                                |
| SIZE     | 36-48                                      |



## BASQUIAT

275S-002 S2 SRC



|          |  |
|----------|--|
| UPPER    | Water repellent synthetic material         |
| LINING   | <b>Spyder-Net</b> three-dimensional fabric |
| SOLE     | <b>Solid Dual Density Pu SRC</b>           |
| TOECAP   | Polymeric <b>Compo200</b>                  |
| STANDARD | EN ISO 20345:2011                          |
| INSOLE   | <b>S-02</b>                                |
| SIZE     | 36-48                                      |







By testing materials, components and the complete shoe, we guarantee the full compliance of our product with the European safety standard and its best performance. Here below a selection of main tests carried out in house:

- 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 test, 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 to outside laboratories, like the Metatarsal Protection test, measuring the level of protection provided to the upper foot (metatarsal bones) and toe areas.

Our laboratory keeps testing products, controls and updates machineries calibrations to ensure reliable results. We work closely with all main and well-known laboratories of the footwear industry, such as SATRA, CIMAC, PFI, etc. to make sure goods supplied meet and exceed international standards.



