

FUTURE IS IN THE AIR

BOOK 2025



GIASCO  TM
SAFETY SHOES

1971 FOUNDATION

The great dedication of our entire team, our collaborators, the community, our suppliers, the environment, and society at large, as well as everyone who is part of the Giasco team, has allowed us **since 1971**, the year of our founding, not only to grow and achieve ever-greater goals, but above all to continue to operate with the utmost enthusiasm.

With enthusiasm and pride, both internationally and locally.

1998 CERTIFIED SYSTEM ISO 9001

We believe that **quality is an essential and fundamental value**, and that continuous improvement is a key factor for our company and an indispensable tool for facing market challenges.

For this reason we constantly monitor, evaluate and improve each step of the **entire value chain**.

90 COUNTRIES ALL OVER THE WORLD

Giasco quality is recognized worldwide; our service, efficiency, speed, and punctuality have made us industry leaders in over 90 countries. Our products are now distributed **worldwide**, through a **network of dealers**, specialized in selling safety products.

We believe that only a constant and widespread presence in the territory can guarantee to the customer the **best service and maximum satisfaction**.

3 LAYERS OF TECHNOLOGY

Giasco's exclusive **patented Triple Injection** allows us to pursue our most important goal: creating safety footwear that combines **comfort, stability and protection**.

A concentration of technology, innovation, and **style** that guarantees well-being and safety in any environment and under any working condition.



HEADQUARTER IN ITALY





THE FRESHNESS OF A YOUNG, DYNAMIC AND INTERNATIONAL COMPANY

United in diversity and strong enthusiasm in producing **safety shoes**, we propose us on the national and international market, with our brand GIASCO offers certified products for the protection and wellness of the foot. Our goal is to provide our dealers shoes forefront in terms of technology and comfort, capable of providing workers with full protection from all the dangers present in the various work situations, thus ensuring complete security.

We always pay attention to ethics, design, technology and innovation; we work actively to guarantee the complete **satisfaction** of the customer.

It is precisely, the quality of the product offered, the extreme attention to care and the efficiency and timeliness of services that allow us today to be among the industry leaders in more than 90 countries.

However, our commitment has always been to fulfill complete satisfaction with the expectations of all our stakeholders.

So in addition to retailers, we refer to the employees, the territory, the suppliers, the environment and the general society in which we live.

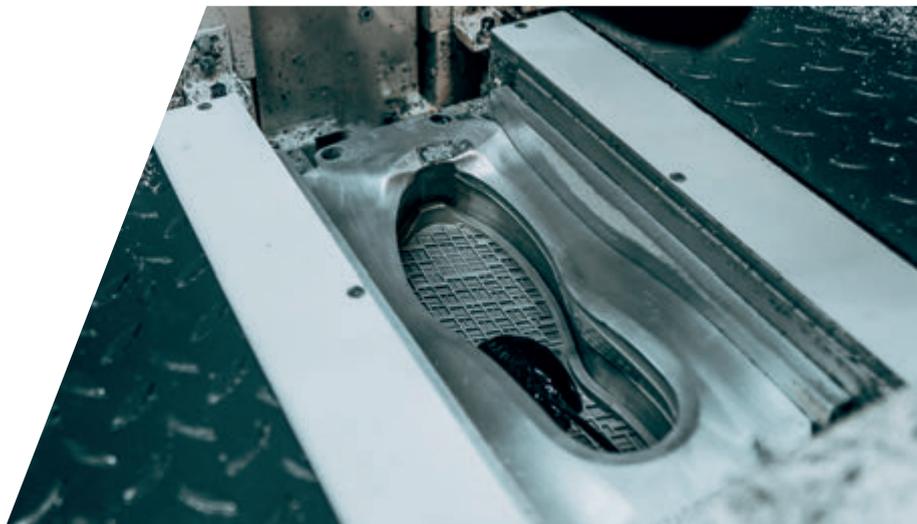
This in order to promote a **sustainable business** and always ensure the best of all those who make up the team Giasco. For this, a special thanks to them, because thanks their confidence in us, they allowed us from 1971 to the present, to not only grow and reach more and more goals, but most of all to be able to continue to operate with the enthusiasm that has always characterized us.



CHOOSE YOUR LANGUAGE

ALWAYS BASED IN ITALY

SOLE
INJECTION
IN ITALY



PREMIUM
RAW
MATERIALS

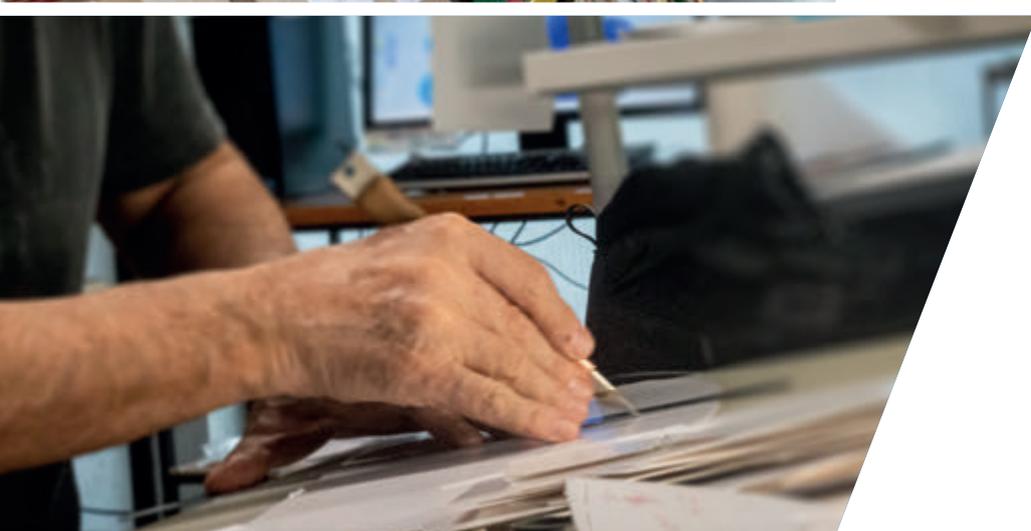




ADVANCED
TECHNOLOGY



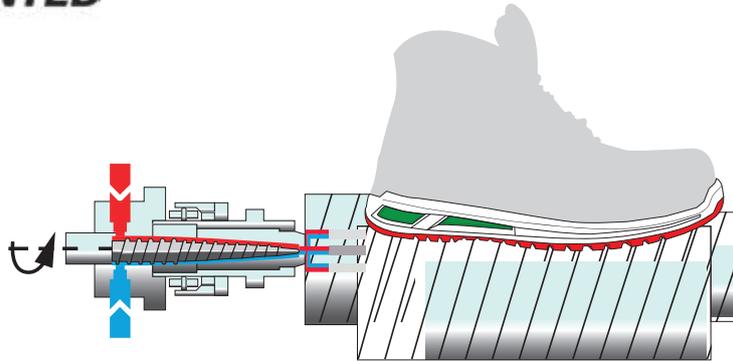
PROMPT
DELIVERY
SERVICE
IN ITALY



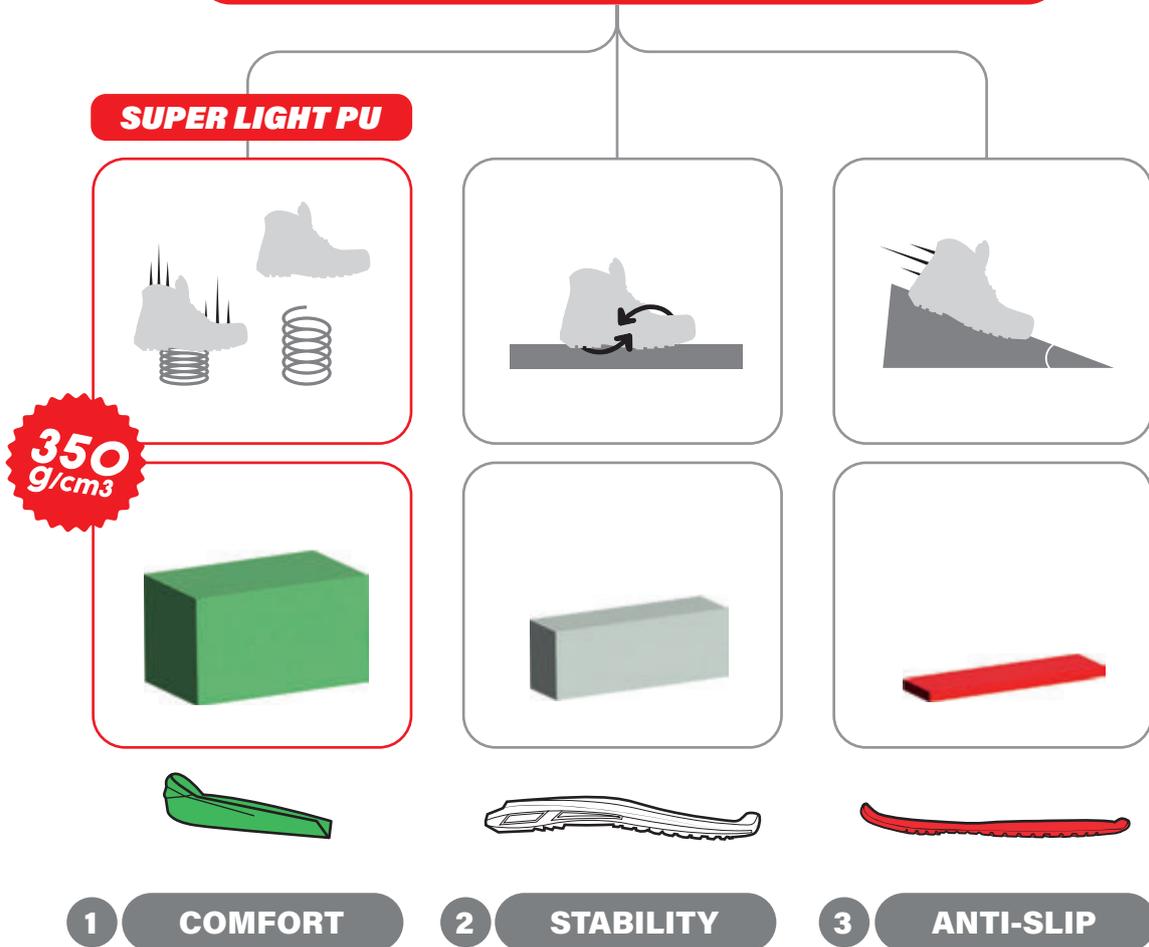
R&D AND
DESIGN
IN ITALY



**3PU
PATENTED
SOLE**



**THE BEST
PERFORMANCES FOR
ENERGY ABSORPTION
IN THE HEEL**





3D is a **patented revolutionary technology** that allows us to offer the only shoe with 3 different layers of polyurethane injected on the upper.

The aim of this product is to offer **Safety**, maximum **Comfort** and Secure foot **stability** thanks to the 3 densities that characterize the various layers of the sole.



3CLOUD
TRIPLE YOUR **LIGHTNESS**



3ULTRA
TRIPLE YOUR **RESISTANCE**



3MOVE
TRIPLE YOUR **MOBILITY**



3HYBRID
TRIPLE YOUR **COMFORT**



3CROSS
TRIPLE YOUR **STABILITY**



3RUN
TRIPLE YOUR **STYLE**

3CLOUD

3CLOUD



**3PU
PATENTED
SOLE**



PRESENCE OF HOLES
IN THE MIDSOLE



1

5

BENDING POINT

4

ANTISLIPPING HEEL

3

ANTISHOCK

2

TILTED HEEL TO IMPROVE
THE WALKING



ANTISLIPPING TEST RESULT

		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS		A - forward heel slip (7°) ≥ 0,31 0,48	B - backward forepart slip (7°) ≥ 0,36 0,50	
	Slip resistance (SR) optional ceramic tile floor with glycerine		C - forward heel slip (7°) ≥ 0,19 0,32	D - backward forepart slip (7°) ≥ 0,22 0,37	

COMMON CERTIFICATION

STANDARD EN ISO 20345:2022





NEW

MOON
S1PL FO SC SR



3L133XV

36-47



NEW

STAR
S1PL FO SR



3L131AC

36-47



NEW

UNIVERSE
S3L FO SC SR



3L135SA

36-47



NEW

SKY
S3L FO SC SR



3L144N

36-47





NEW

COMET
S1PL FO SR



3L182NG

36-47



NEW

SUN
S1PL FO SR



3L454T

36-47



NEW

GALAXY
S3L FO SR



3L184K

36-47





GIASCO



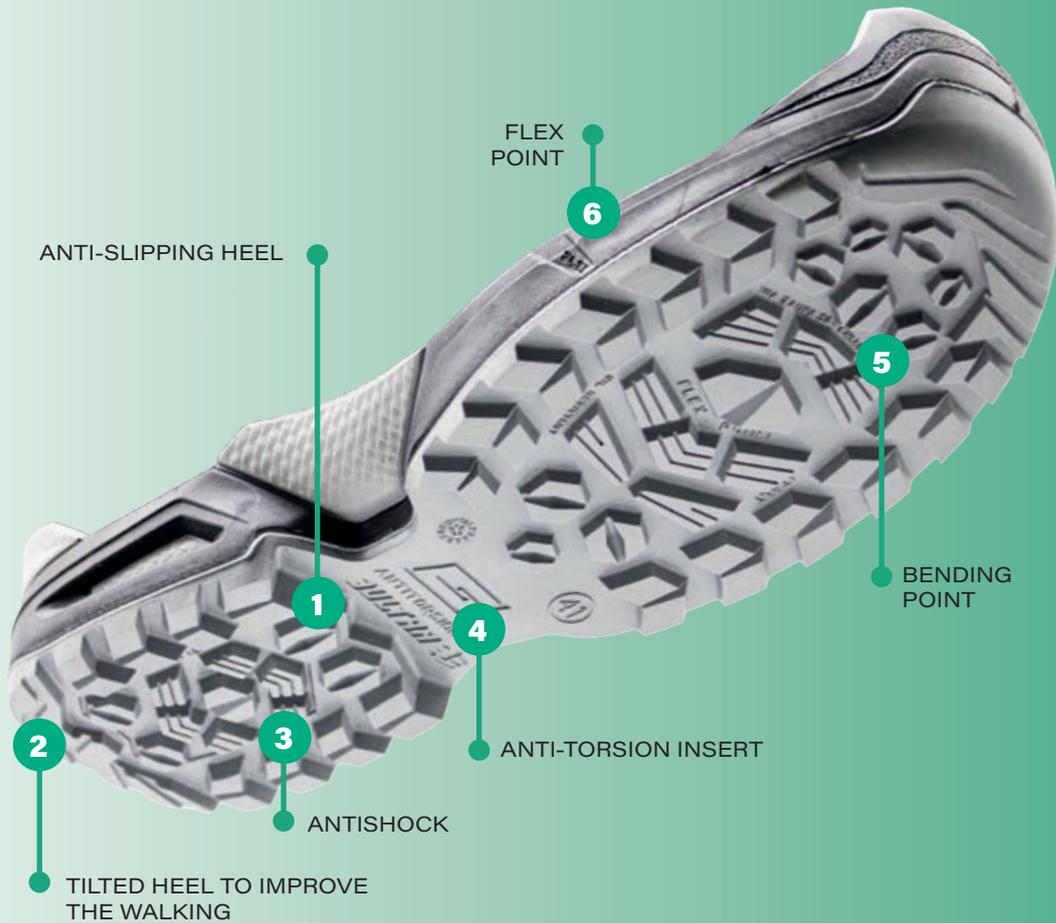
ELASTICITY

3ULTRA

3ULTRA



**3PU
PATENTED
SOLE**



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS		A - forward heel slip (7°) ≥ 0,31 0,40	B - backward forepart slip (7°) ≥ 0,36 0,41	
	Slip resistance (SR) optional ceramic tile floor with glycerine		C - forward heel slip (7°) ≥ 0,19 0,28	D - backward forepart slip (7°) ≥ 0,22 0,28	

COMMON CERTIFICATION										STANDARD EN ISO 20345:2022



SILVER
S7S FO CI SC SR



3U451L

37-49



GOLD
S7S FO CI SC SR



3U458L

37-49



ZIRCON
S3S FO SC SR



3U481D

37-49



TOPAZ
S3S FO SC SR



3U488D

37-49





OPAL
S1PS FO SC SR



3U434N

37-49



NEW

DEFENDER NEW
S7S FO CI AN SC SR



3U159D

37-49



NEW

TITANIUM
S7S FO CI SC SR



3U458G

37-49



QUARTZ
S3S FO CI SC SR



3U017G

37-49





NEW

KRYPTON
S3S FO CI SC SR



3U179L

37-49



NEW

TITAN ^{NEW}
S3S FO CI SC SR



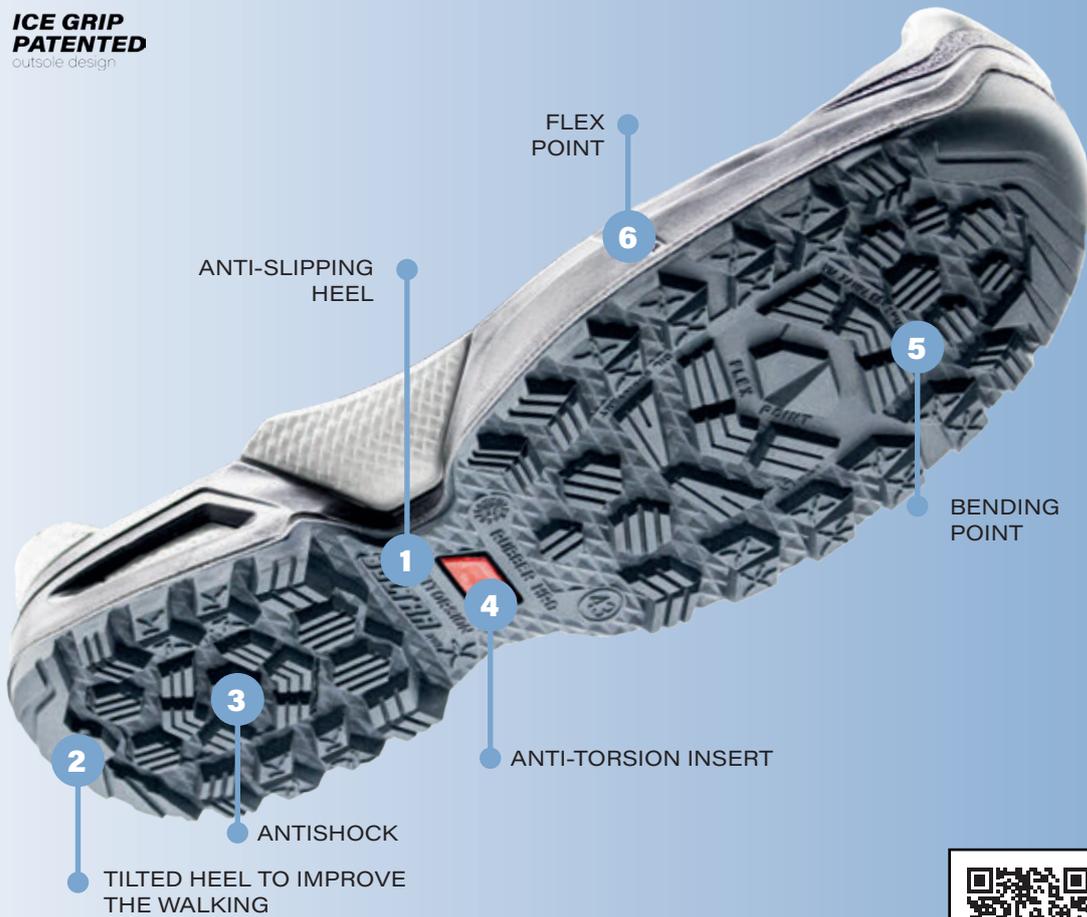
3U011G

37-49



3ULTRA RUBBER

3ULTRA RUBBER



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,36	B - backward forepart slip (7°) ≥ 0,36	0,37
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,26*	D - backward forepart slip (7°) ≥ 0,22	0,22*

COMMON CERTIFICATION							STANDARD EN ISO 20345:2022



LOBBIA S7S FO CI HI HRO SC SR	
3RUB451L	38-49
 	



TRIGLAV S7S FO CI HI HRO SC SR	
3RUB458L	38-49
 	



MARMOLADA S7S FO CI HI HRO SC SR	
3RUB179E	38-47
  	



NEW

STELVIO NEW
S7S FO CI HI HRO SC SR



3RUB452L

38-49



AROLLA
S7S FO CI HI HRO SC SR



3RUB459L

38-49



NEW

WINTER NEW
S7S FO CI HI HRO SC SR



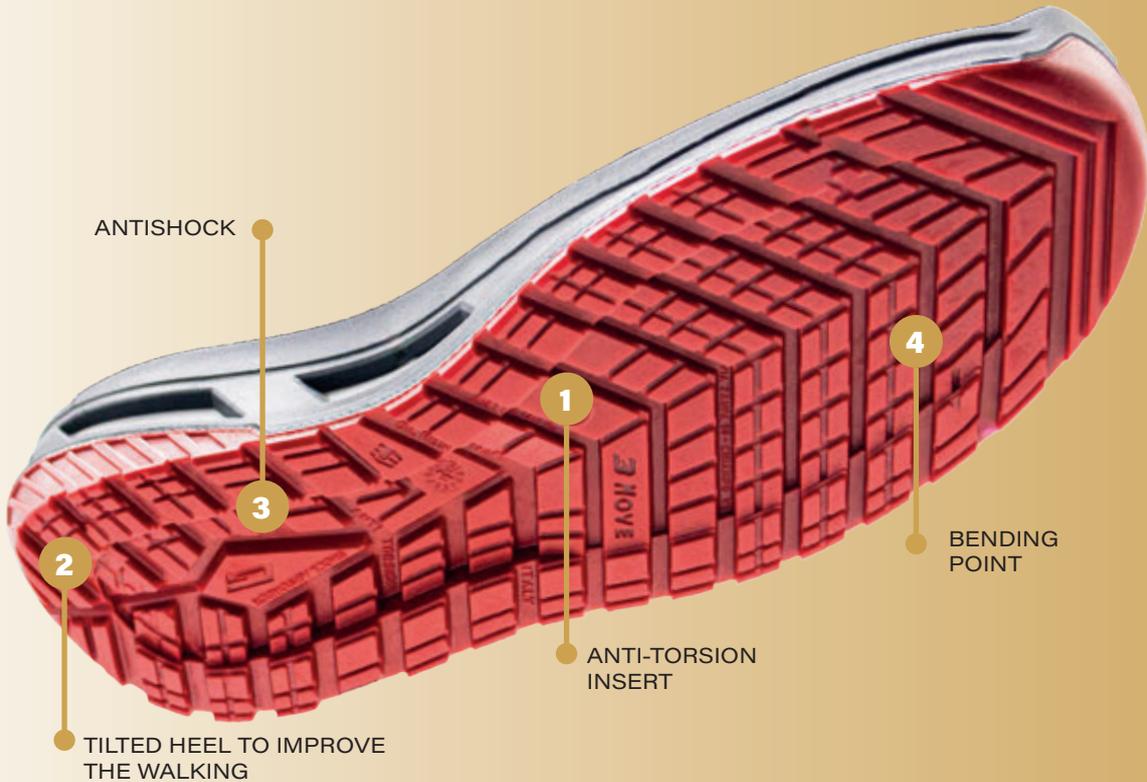
3RUB011L

39-47



3MOVE

3MOVE



ROOF GRIP UNI 11583:2015

friction coefficient according to the last test **UNI EN ISO 13287**



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,37	B - backward forepart slip (7°) ≥ 0,36	0,45
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,24	D - backward forepart slip (7°) ≥ 0,22	0,29
	SRA+SRB= SRC ANTI-SLIPPING SOLE	SRA CERAMIC+NALS HELL ≥ 0,28 0,38 FLAT ≥ 0,32 0,40		SRB STEEL+GLYCEROL HELL ≥ 0,13 0,37 FLAT ≥ 0,18 0,34	

COMMON CERTIFICATION

STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012





SHARK S1P	
3M450N	36-47
  	



FOX S3	
3M453N	36-47
   	



TIGER S3	
3M457N	36-47
    	





NEW

LYNX S3L FO SC SR		
3M144N	36-47	
		
		
		



CHEETAH SIP		
3M184Y	39-47	
		



MAKO SIP		
3M182T	36-47	
		



LION S3		
3M184K	36-47	
		



LEOPARD S1P			
3M454T		36-47	



SPORT EVO S3L FO SR			
3M025NG		36-47	



GYM EVO S3L FO SR			
3M037NG		36-47	





FALCON S3	
3M474NA	36-47



LIMA EVO SIPL FO SR	
3M095T	36-47



BERGEN EVO S2 FO SR	
3M002I	36-47



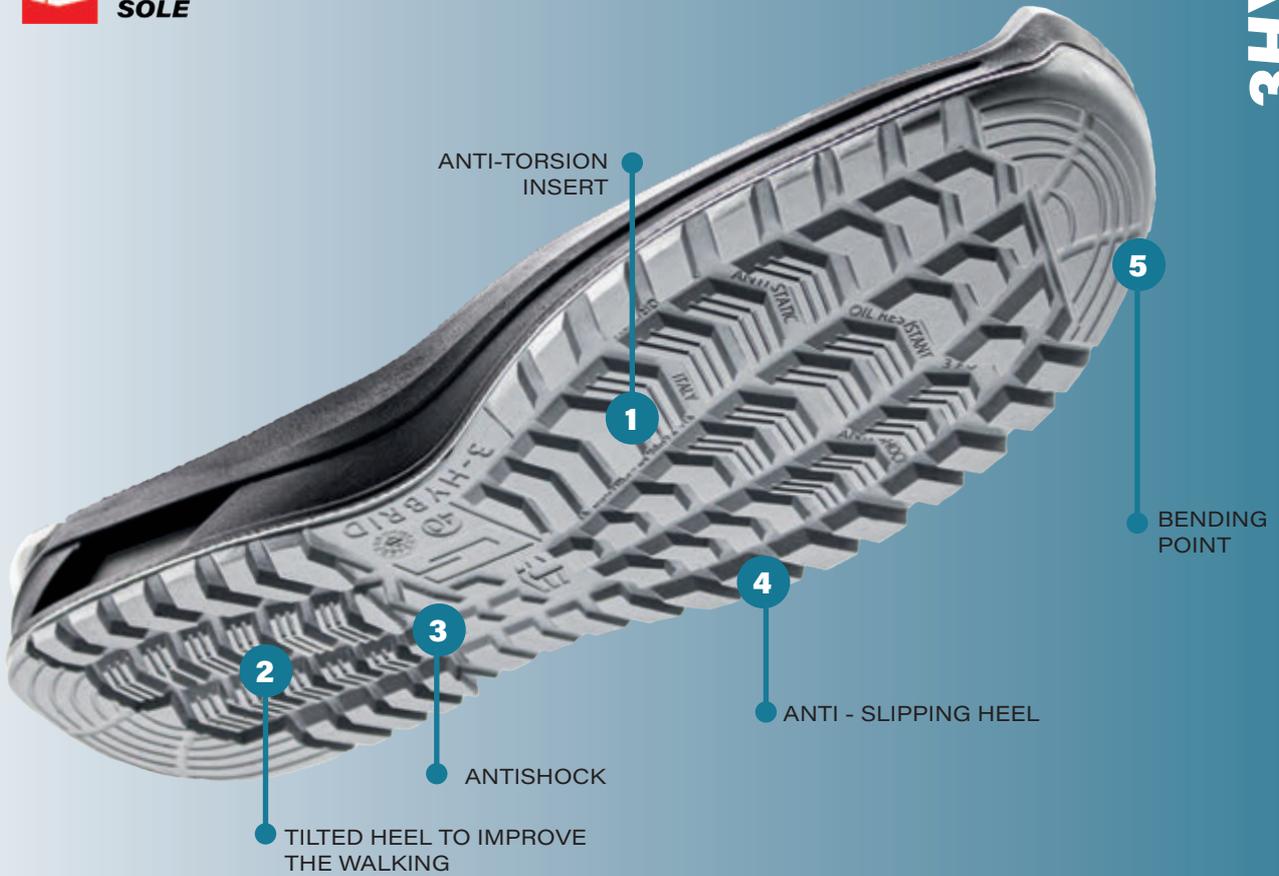
ARENDALE EVO S2 FO SR	
3M002O	36-47

3HYBRID

3HYBRID



**3PU
PATENTED
SOLE**



ROOF GRIP UNI 11583:2015

friction coefficient according to the last test **UNI EN ISO 13287**



ANTISLIPPING TEST RESULT						
		Request	Results	Results	Results	
	Slip resistance mandatory for "conventional" outside ceramic tile floor with NaLS		A - forward heel slip (7°) ≥ 0,31	0,47	B - backward forepart slip (7°) ≥ 0,36	0,44
	Slip resistance (SR) optional ceramic tile floor with glycerine		C - forward heel slip (7°) ≥ 0,19	0,23	D - backward forepart slip (7°) ≥ 0,22	0,25
	SRA+SRB= SRC ANTI-SLIPPING SOLE	SRA CERAMIC+NALS		SRB STEEL+GLYCEROL		
	ANTISLIPPING TEST RESULTS		HELL ≥ 0,28	0,29	HELL ≥ 0,13	0,16
			FLAT ≥ 0,32	0,32	FLAT ≥ 0,18	0,23

COMMON CERTIFICATION

STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012





SAMOA S1PL FO SR	
3H085N	36-47
   	



SYLT S1P	
3H432Y	39-47
 	



FIJI S3L FO SR	
3H142EV	39-47
    	



BALI S3L FO SR	
3H149EV	36-47
     	

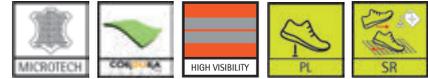


LAS VEGAS
S1PL FO SR



3H154EC

36-47



IBIZA
S3L FO SR



3H154NK

36-47



PAG
S3L FO SR



3H063N

36-47



KRK
S3L FO SR



3H149N

36-47





ARUBA S3L FO SR		
3H192EV	36-47	



MYKONOS SIPL FO SR		
3H192ER	36-47	



NEW	SHAMAL NEW S3L FO SC SR		
	3H184N	36-47	



FUERTEVENTURA S1P		
3H433N	36-47	
 MICROTECH	 SRC	 AIR



BURGAZ S1PL FO SR		
3H184J	36-47	
 KROKOS	 SR	 PL





PANAREA SIPL FO SR		
3H174V	36-47	



LIPARI SIPL FO SR			
3H182NG	36-47		



PONZA S3L FO SR				
3H025NG	36-47			



BORNEO S3L FO SR				
3H037NG	36-47			



USTICA
S2 FO SR



3H002I

36-47



CORFÙ
S2 FO SR



3H002O

36-47



MAUI
S3L FO SR



3H191I

36-47



MINORCA
S2 FO SR



3H020I

36-47

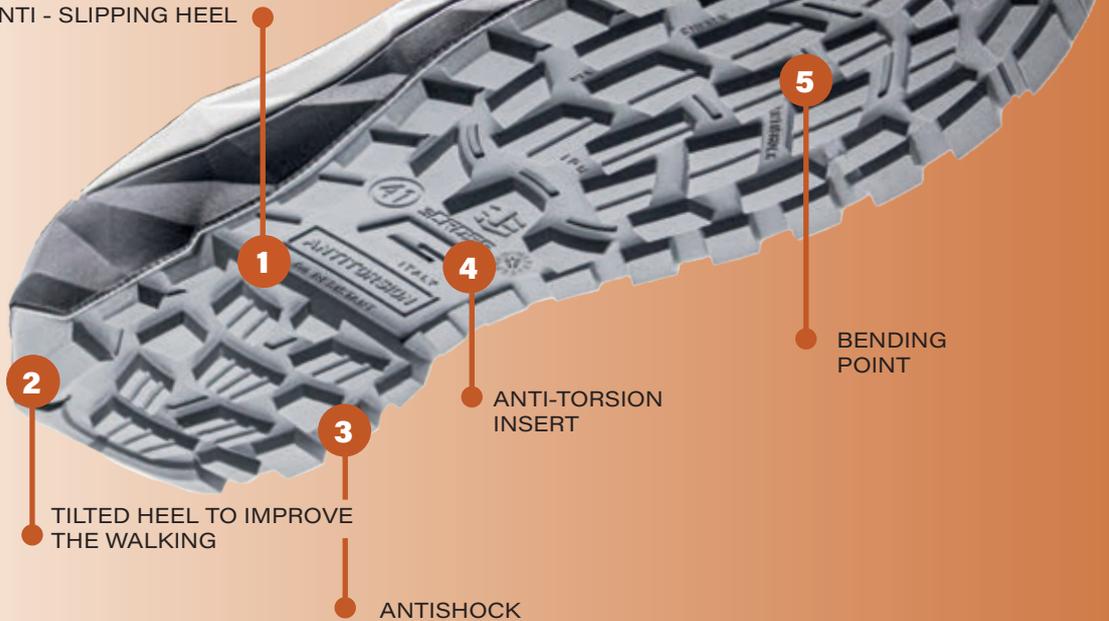


3CROSS

3CROSS



ANTI - SLIPPING HEEL



2
TILTED HEEL TO IMPROVE THE WALKING

3
ANTISHOCK

4
ANTI-TORSION INSERT

5
BENDING POINT

ROOF GRIP UNI 11583:2015

friction coefficient according to the last test **UNI EN ISO 13287**



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outside ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,38	B - backward forepart slip (7°) ≥ 0,36	0,49
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,22*	D - backward forepart slip (7°) ≥ 0,22	0,23
	SRA+SRB= SRC ANTISLIPPING TEST RESULTS ANTI-SLIPPING SOLE	SRA CERAMIC+NALS HELL ≥ 0,28 0,33 FLAT ≥ 0,32 0,32		SRB STEEL+GLYCEROL HELL ≥ 0,13 0,25 FLAT ≥ 0,18 0,25	

COMMON CERTIFICATION

STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012



* after simulation of walking by slight abrasion



ANETO
S3L FO SR



3C1910

36-47



TRIVOR
S3L FO SR



3C1980

36-47



K2
S3L FO CI SR



3C149E

39-47





SINAI
S1PL FO SR



3C182T

36-47

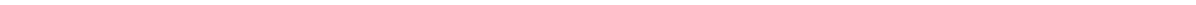
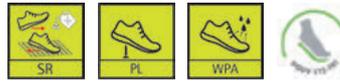


CERVINO
S3L FO SR



3C184G

39-47



MAKALU
S7L FO CI SR



3C058G

38-47





KAMET S3L FO CI SR			
3C122D		39-47	



HIMALAYA S7L FO CI SR			
3C178E		39-47	



THOMSON SB FO E P CI WRU			
3C060D		38-47	

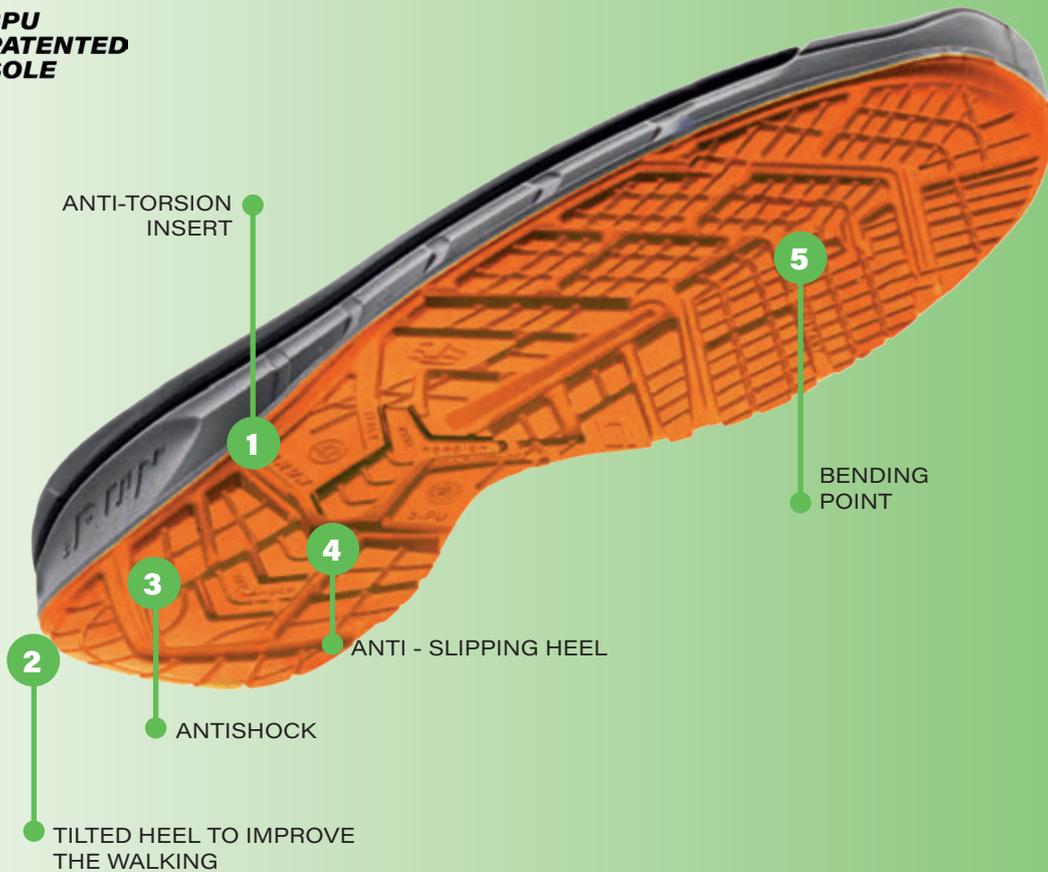


3RUN

3RUN



**3PU
PATENTED
SOLE**



ROOF GRIP UNI 11583:2015

friction coefficient according to the last test **UNI EN ISO 13287**



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,44	B - backward forepart slip (7°) ≥ 0,36	0,44
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,24	D - backward forepart slip (7°) ≥ 0,22	0,24
	SRA+SRB= SRC ANTI-SLIPPING SOLE ANTISLIPPING TEST RESULTS	SRA CERAMIC+NALS HELL ≥ 0,28 FLAT ≥ 0,32	0,47 0,47	SRB STEEL+GLYCEROL HELL ≥ 0,13 FLAT ≥ 0,18	0,23 0,26
COMMON CERTIFICATION STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012					



JARBO
S3



3R453N

36-47



OSTRO
S3



3R457N

36-47



BURAN
S3L FO SR



3R1910

36-47



CIENZO
S3L FO SR



3R1980

36-47





LIBECCIO SIPL FO SR		
3R085N	36-47	
		
		



NEW	OROSHI NEW SIPL FO SR		
	3R184Y	36-47	
			
			



GHIBLI SIPL FO SR		
3R182T	36-47	
		



ELECTRO
SB FO E PL SR



3R435N

36-47



FLOW
SB FO E PL CI WPA SR



3R022E

36-47



LIGHT
SB FO E PL CI WPA SR



3R198E

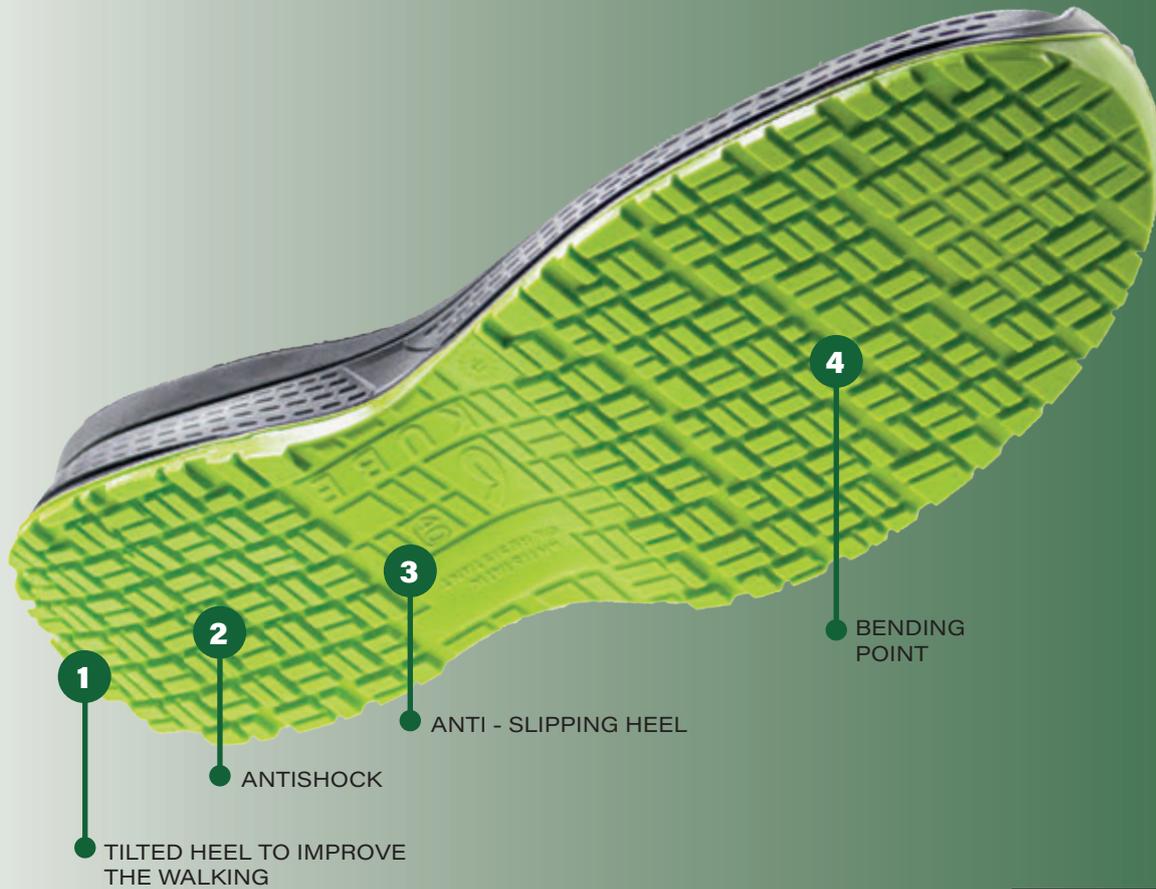
36-47



KUBE

KUBE

PERFECT GRIP



ROOF GRIP UNI 11583:2015

friction coefficient according to the last test **UNI EN ISO 13287**



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,56	B - backward forepart slip (7°) ≥ 0,36	0,45
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,35	D - backward forepart slip (7°) ≥ 0,22	0,35
	SRA+SRB= SRC ANTI-SLIPPING SOLE ANTISLIPPING TEST RESULTS	SRA CERAMIC+NALS HELL ≥ 0,28 FLAT ≥ 0,32	0,37 0,39	SRB STEEL+GLYCEROL HELL ≥ 0,13 FLAT ≥ 0,18	0,20 0,30
COMMON CERTIFICATION		STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012			
					



NEW

MIAMI NEW
S1PL FO SR

KU085NR **35-47**



NORDIC
S3

KU043N **36-47**



RUGBY
S3

KU025N **36-47**



BASKET
S3

KU037N **36-47**





DANCE SIP	
KU055HF	35-42
	 



NEW

GOTLAND NEW SIPS FO SR	
KU434N	37-49
	   
	



GOLF NEW S3L FO SR	
KU142EV	39-47
	   
	



LIBRA NEW S3L FO SR	
KU149EV	36-49
	   
	



PERÙ
S1PL FO SR

KU095T

34-47



PANAMA
S1P

KU083T

35-49



KAYAK
S3

KU025T

36-47



SOFTBALL
S3L FO SR

KU037T

39-47





VOLARE
S3L FO SR

KU474NA

36-47



YORK
S3

KU061D

35-49



OXFORD
S3

KU068D

35-49



VILNIUS
S3

KU0250

36-47





MEDINA
S2

KU0020

35-47



FREE
SB FO A E

KU0070

36-47



BALTIC
S2

KU020I

35-47



ICEBERG
S2 FO CI SR

KU011I

37-47





POLO
S2

KU002I

34-49



HELSINKI
SB FO A E

KU007I

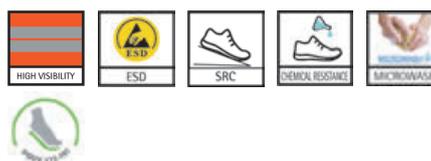
36-47



STOCKHOLM
S3

KU191I

36-47



CONSTANTA
S2

KU880I

37-47



ACTION

ANTISTATIC PU/PU
DOUBLE DENSITY SOLE

ACTION



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outsole ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,43	B - backward forepart slip (7°) ≥ 0,36	0,48
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,31	D - backward forepart slip (7°) ≥ 0,22	0,26
	SRA+SRB= SRC ANTI-SLIPPING SOLE	ANTISLIPPING TEST RESULTS		SRA CERAMIC+NALS	SRB STEEL+GLYCEROL
		HELL ≥ 0,28	0,33	HELL ≥ 0,13	0,24
		FLAT ≥ 0,32	0,37	FLAT ≥ 0,18	0,22
COMMON CERTIFICATION		STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012			



KENT
S3

BIG SIZE

AC061D

36-51



CAMBRIDGE
S3

BIG SIZE

AC068D

36-51



HAMBURG
S7L FO CI SR

AC058L

36-49



IRON RM
S3L M FO SR

AC068DRM

37-47





MOZART
S3

AC810BP

36-49



VERDI
S3

AC880BP

36-49



VERDI
S3 R

AC880BRP

39-47



SOLDADOR
S3 FO SR

AC880BSP

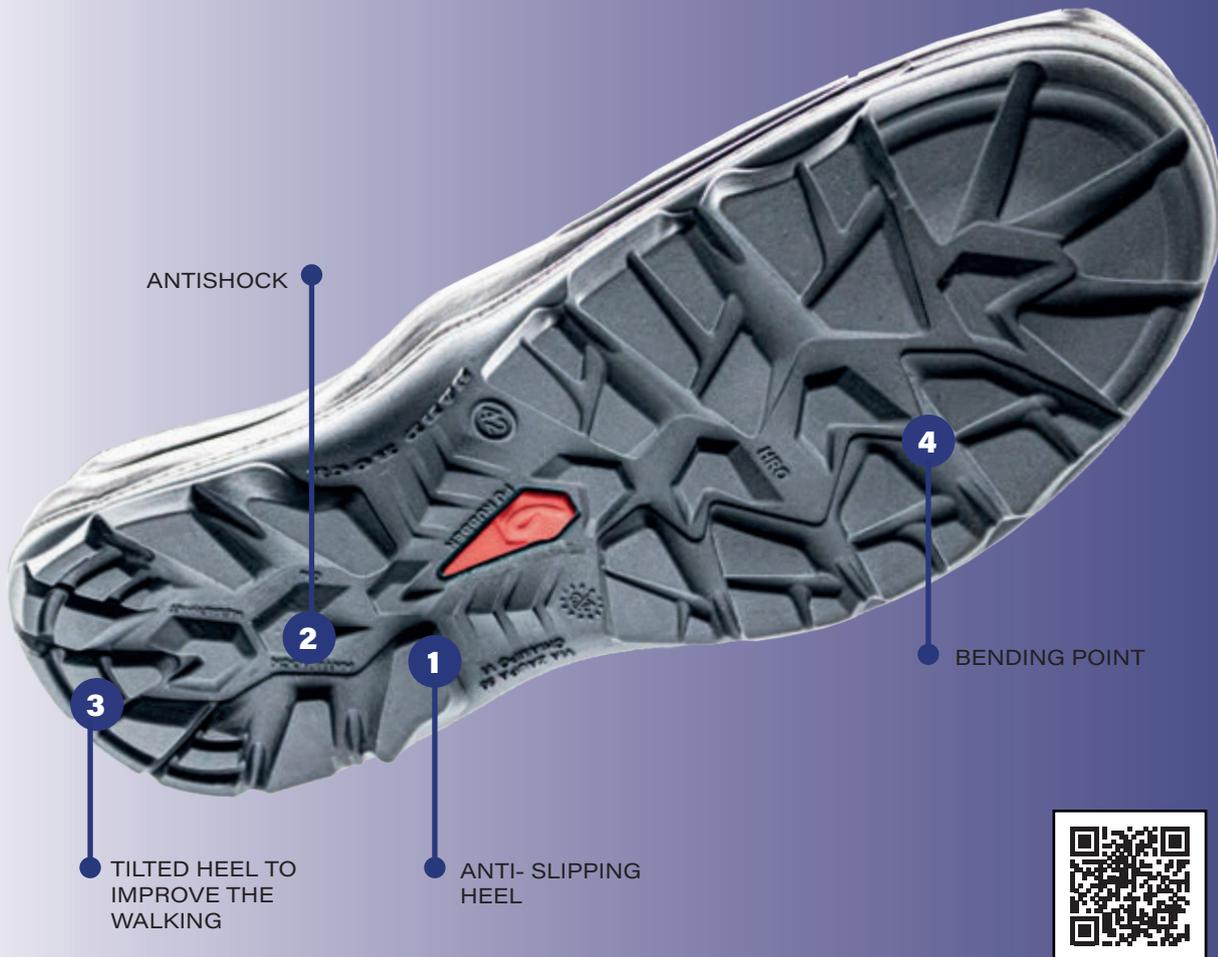
39-47



HARD ROCK

HARD ROCK

ANTISTATIC PU - RUBBER SOLE



ANTISLIPPING TEST RESULT					
		Request	Results	Results	Results
	Slip resistance mandatory for "conventional" outside ceramic tile floor with NaLS	A - forward heel slip (7°) ≥ 0,31	0,46	B - backward forepart slip (7°) ≥ 0,36	0,53
	Slip resistance (SR) optional ceramic tile floor with glycerine	C - forward heel slip (7°) ≥ 0,19	0,20*	D - backward forepart slip (7°) ≥ 0,22	0,22*
	SRA+SRB= SRC ANTI-SLIPPING SOLE	ANTISLIPPING TEST RESULTS		SRB STEEL+GLYCEROL	
		HELL ≥ 0,28	0,43	HELL ≥ 0,13	0,21
		FLAT ≥ 0,32	0,39	FLAT ≥ 0,18	0,19
COMMON CERTIFICATION		STANDARD EN ISO 20345:2022 + UNI EN ISO 20345:2012			

* after simulation of walking by slight abrasion



KIEL
S3 CI HI WR HRO

HR058L 37-48



ALPI
S3 CI HI WR HRO

HR058G 37-47



CAIRO
S3 CI HI HRO

HR068D 39-47



M-PROTECTION
S3L FO HI HRO M SR

HR470EMR 39-47



METATARSAL PROTECTION
PROTECTION RESISTING TIL 100 JOULE



WELDER
S3L FO CI HI HRO SC SR

HR122D 39-47



ERCOLANO
S3L FO CI HI HRO SC SR

HR066D 39-47



QUEBEC
S3 CI HI WR HRO

HR178E 39-47



ARTIC
S3 CI HI WR HRO

HR179E 39-47

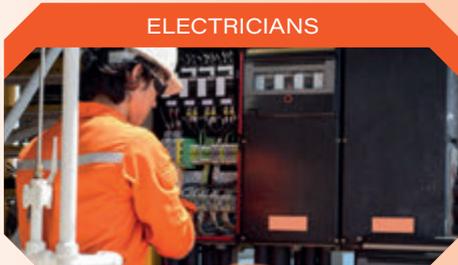


DIELECTRIC SOLE LINE



DIELECTRIC SOLE LINE

INSULATING PU/PU/PU SOLE
INSULATING PU / RUBBER SOLE



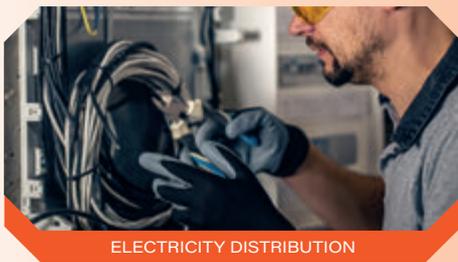
ELECTRICIANS



MAINTENANCE

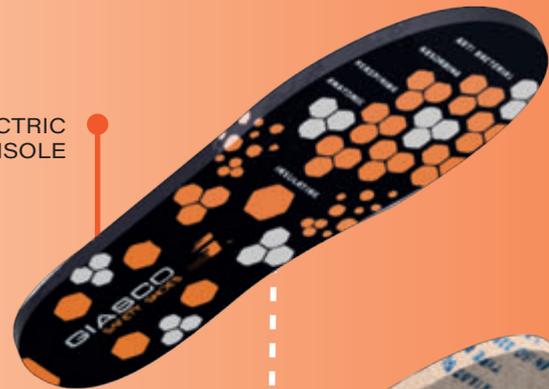


MANUFACTURES & MAINTENANCE



ELECTRICITY DISTRIBUTION

DIELECTRIC
INSOLE



DIELECTRIC
ANTI-PERFORATION
with
PS 3 mm Ø
PL 4,5 mm Ø



DIELECTRIC SOLE
INSULATING
PU/PU/PU SOLE
or
INSULATING
PU / RUBBER SOLE



CANADIAN
(C.S.A. Z195-14)

DIELECTRIC SOLE LINE exceeds requirements fixed from the Canadian norm CSA for electrical Shock Resistance to a potential of **20.000V / 60HZ**, for 1 minute.



ASTM 2413 - 11
(and subsequent amendments)

DIELECTRIC SOLE LINE exceeds requirements electrical resistance (EH) in accordance with ASTM 2413 - 11 electric hazard - Voltage: **20.000 V / 60HZ** - duration: 1 min. - requirement of the electrical flow lower than 1.0 mA.



TEST INSULATING
SOLE FROM > 1000 MΩ

The bottom of the shoe, within some limits (no humidity, it does not concern the upper), offers electrical resistance against tension up to **1.000 - M Ω**

**INSULATING
PU/PU/PU SOLE**

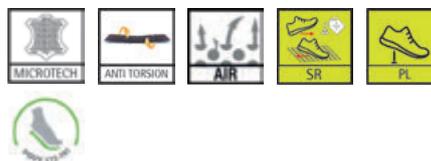


ELECTRO
SB FO E PL SR



3R435N

36-47

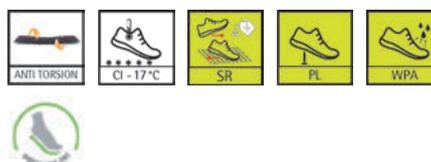


FLOW
SB FO E PL CI WPA SR



3R022E

36-47



LIGHT
SB FO E PL CI WPA SR



3R198E

36-47



THOMSON
SB FO E P CI WRU



3C060D

38-47



**INSULATING PU /
RUBBER SOLE**



VOLT
SB FO E P HRO



HRD055H

39-47

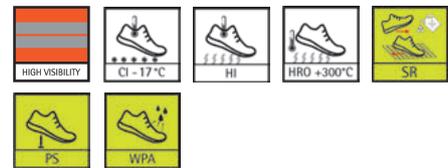


FRANKLIN
SB FO E PS CI HI WPA HRO SR



HRD052T

37-47

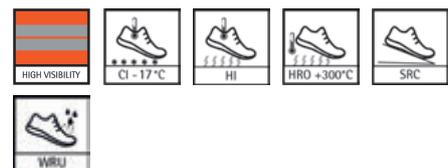


EDISON
SB FO E P CI HI WRU HRO



HRD060D

37-48

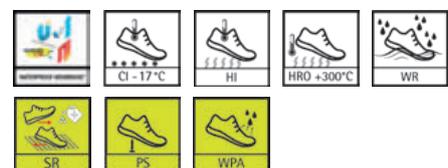


TESLA
SB FO E PS CI HI WPA WR HRO SR



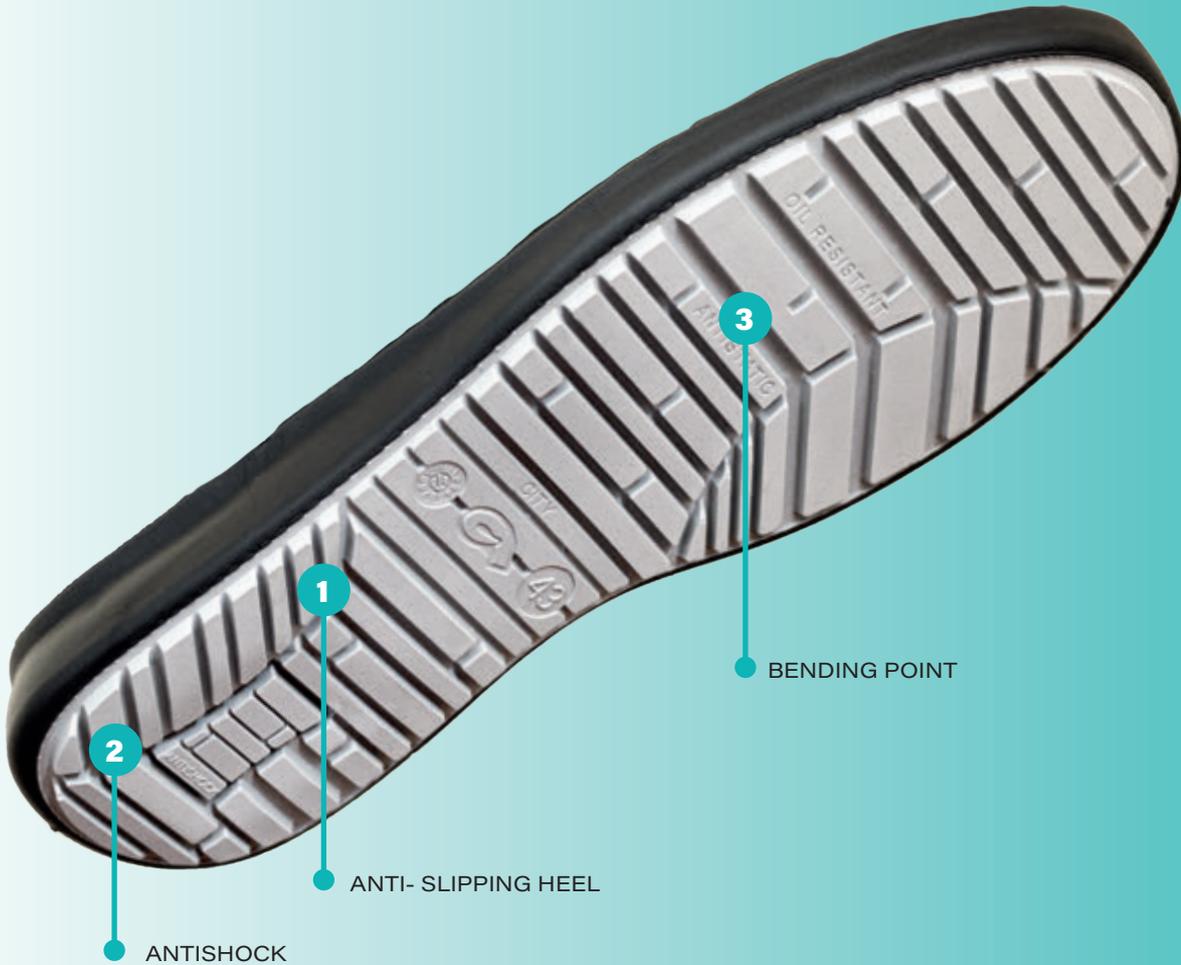
HRD057E

39-47



CITY PROFESSIONAL

CITY PROFESSIONAL



ANTISLIPPING TEST RESULT				
	Request	Results	Results	Results
	SRA CERAMIC+NALS HELL $\geq 0,28$ 0,42 FLAT $\geq 0,32$ 0,42		SRB STEEL+GLYCEROL HELL $\geq 0,13$ 0,20 FLAT $\geq 0,18$ 0,24	
	ANTISLIPPING TEST RESULTS			

COMMON CERTIFICATION						UNI EN ISO 20347:2012



EAGLE
02 F0

C7004I

36-47



LUTON
03 F0

C7068OC

36-47



SNAKE
02 F0

C7181O

36-47



MALMO
02 F0 CI

C7025O

36-47



INDEX

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INSOLE & ACCESSORIES

NEW



YEAH
36-49



4001
36-47

4001 BIG
48-51



MEMORY
36-49



5000
34-49



DIELECTRIC
36-48



LACES

GA513-10
90cm

GA514-10
110cm

1 box = 10 laces



QUICK LACES
90 cm



XDUFFLE BAG
cm 74x34x38



GADGETS



**COUNTER
XDISPLAY**



XWRAP



XPEN



XTOTEM
158X56X21 cm



XEXPO
183X43X30 cm



XSTAND 3L
180X60X36 cm



XBOTTLE
750 ML



XBAG SPORT
40X35 cm



XBAG PAPER
45X40,5X12 cm



XPOUF
50X50X50 cm



XCARPET
89X65 cm



DGUV 112-191 (ex BGR 191)

German Regulation of safety shoes concerning orthopedic shoes meeting the requirements of the norm EN ISO 20345.

In Europe it is spreading the use of orthopedic insoles in safety footwear providing people with foot problems more stable conditions, proper posture and a benefit to the whole body.

Mander-Malms GmbH is a German company specialized in the production of custom orthopedic insoles suitable for Giasco footwear.

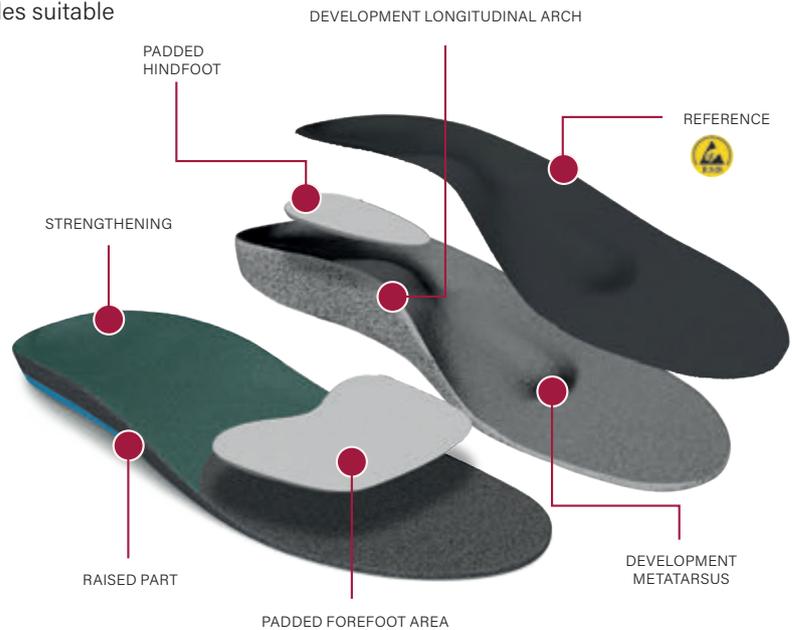


MANDERWORK

softAstatic



for more informations



MICROWASH

MICROWASH is an extremely perspiring material, suitable for alimentary and hospitals' sectors, studied to assure the maximum comfort to people who, during a lot of hours, wear the shoe on a very wet surface.

The finishing of the material with perspiring polyurethanes, giving the aspect of the full grain leather, guarantees the complete foot perspiration and the complete resistance to acids, like the oleic acid. In particular, this material has been tested in laboratory in compliance with the test method EN 13832-3: 2018.

These tests have proof its resistance to aggressive products (example: detergents, acids) used in various sectors such as: food, hospitality, etc.

About weight, microfiber is 40% lighter than the natural leather. This material is washable at 40° with water and neutral soap. Please pay attention, the shoes can't be washed in washing machine.

The fabric, with its microfiber base, is Chrome free.

CHEMICAL RESISTANCE	
	<p>BLACK MICROWASH</p> <p>Laboratory tests for the determination of chemical resistance (sodium hydroxide 40 % K) of upper material in accordance with analogue method EN 13832-3:2018.</p>
	<p>WHITE MICROWASH</p> <p>Laboratory tests for the determination of chemical resistance (N, P, R, K, NaCl 37%*) of upper material in accordance with analogue method EN 13832-3:2018.</p>
	<p>Laboratory tests for the determination of chemical resistance (N, P, R, K, NaCl 37%) of SOLE material in accordance with analogue method EN 13832-3:2018.</p> <ul style="list-style-type: none"> - KUBE/ERGO black; - KUBE white; - 3CROSS/3RUN orange; - 3HYBRID/ERGO light grey.
	<p>* K - sodium hydroxide 40 %; N - acetic acid 99 %; P - hydrogen peroxide 30 %; R - sodium hypochlorite (13 ± 1) % of active chlorine; NaCl 37% - sodium chloride 37%;</p>



NORMS

ELECTRO STATIC DISCHARGE SHOES

Static electricity can be defined as the excess or deficiency of electrons on the surface of a body, which is normally neutral. A charged electro static body tends to discharge the static electricity, creating phenomena which can damage or disturb sensible devices.

ESD shoes work for dissipating this electro static charge cumulated in the human body.

They satisfy requirements from norms IEC 61340-4-3:2017 (IEC 61340-5-1:2016) for electrical resistance ESD. Dissipative features of these shoes may be considerably modified by bending, contamination, dump of important temperature range and they will not perform their function if worn in wet places.

We suggest to the user to make regular tests for dissipative features of the working place.

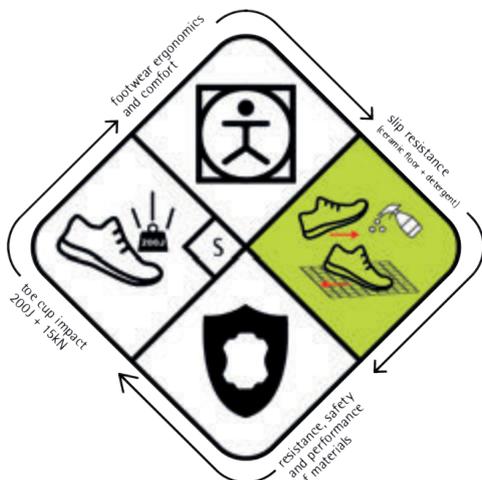
ESD= ELECTRO STATIC DISCHARGE (IEC 61340-4-3:2017/IEC 61340-5-1:2016)

CONDUCTIVE	from 0 MΩ to 0,1 MΩ
ESD	from 0,1 MΩ to 100 MΩ
ANTISTATIC	from 0,1 MΩ to 1000 MΩ
DIELECTRIC	from 1000 MΩ

NEW STANDARD EN ISO 20345:2022



for more informations



BASE REQUISITES

	antiperforation midsole non metallic nail (ø 3 mm)		water resistant upper
	antiperforation midsole non metallic nail (ø 4,5 mm)		slip resistance ceramic floor + glycerine
	scuff cap		ladder grip

OPTIONAL CERTIFICATIONS



STANDARDS



EN ISO 20345:2022
 UNI EN ISO 20345:2012



Sole resistance to hydrocarbons



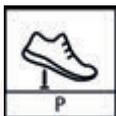
Toe cap impact (200J + 15kN)



Energy absorption of seat region



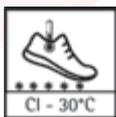
Antistatic footwear



Antiperforation midsole metallic nail
(\varnothing 4.5 mm)



Cold insulation of sole complex (-17°C)



Cold insulation of sole complex (-30°C)



Slip resistance



Water resistant shoe



Water resistant upper



Outsole resistant to hot contact



Heat insulation of sole complex



Metatarsal protection



Ankle protection



Scuff cap



Antiperforation midsole non metallic nail
(\varnothing 4,5 mm)



Antiperforation midsole non metallic nail
(\varnothing 3 mm)



Slip resistance
ceramic floor + detergent



Slip resistance
ceramic floor + glycerine



Water resistant upper



according to former norm
 UNI 11583:2015



NORM USA
 astm 2413-18
 IMPACT/COMPRESSION



UK CA UKCA
 United Kingdom



STANDARDS

UNI EN ISO 20344:2012
UNI EN ISO 20345:2012



SB=



S1=SB+E+A+
CLOSED SEAT REAGION



S1P=SB+E+A+P+FO



S2=S1+WRU



S3=S2+P+
CLEATED OUTSOLE



UNI EN ISO 20347:2012



OB=

BASIC REQUIREMENT

O1=OB+E+A+
CLOSED SEAT REAGION



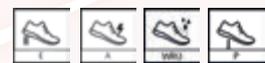
O1P=SB+E+A+P



O2=O1+WRU



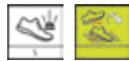
O3=O2+P+
CLEATED OUTSOLE



UNI EN ISO 20344:2021
UNI EN ISO 20345:2022



SB=



S1=SB+E+A+
CLOSED SEAT REAGION



S1P=SB+E+A+P+FO



S1PL=SB+E+A+PL



S1PS=SB+E+A+PS



S2=S1+WPA



S3=S2+P+
CLEATED OUTSOLE



S3L=S2+PL+
CLEATED OUTSOLE



S3S=S2+PS+
CLEATED OUTSOLE



S6=S2+WR



S7=S3+WR



S7L=S3L+WR



S7S=S3S+WR



1st EDITION | REV. II

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