

WE CONSIDER OUR CUSTOMERS AS AN OLD FRIEND AND ALWAYS TRY OUR BEST TO SATISFY THEIR NEEDS ASAP

SAFETY SHOES



防水性/支撑性/防滑性/耐磨性
专业户外

Our factory was founded in 1996 started from a very small factory.
We also made many cost-effective safety gloves according to help our customers to gain market share.



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SUMMARY

ON THE WAY...

CLASSIC...



BEST PRICE

WELDER INDUSTRY



SPECIAL TECHNOLOGY

CHELSEA&STYLE



CONVENIENT&COMFORTABLE

TRAINER&NIKE



AIR&COOL

CHUKKA&QUALITY



HEAVY INDUSTRY

WHITE&BLACK



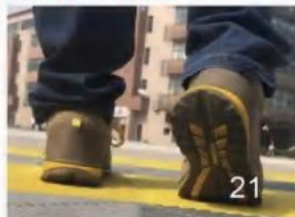
FOOD&ELECTRONIC INUDSTRY

SANDAL



SUMMER

LIGHT&COLOR



SPORT LIFE

ARMY&DESERT



SECURITY

RIGGER



FOREST

WINTER WITH FUR



COLD INSULATION

GOODYEAR WELTED



SUPER&EXTRA

→ VITOSAFE MATERIAL CHART ←



CLASSIC...

EN ISO 20345:2011 CE

EN ISO 20345:2011 CE

CLASSIC...



CLASSIC

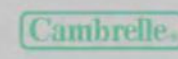
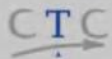
Classic design with most usual material. Perfect protection against injury to your feet. Breathable lining makes your feet feel comfortable. Lightweight shoes give you the same experience. High-end sole are resistant to oil & acid & chemical and SRC sole keep you from slipping. This classic safety shoe is perfect for any work scene and is your best choice.

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC = SRA + SRB			
SRA	Coefficient - Flat position - Coated - PU/Glycol	≥	0.32
	Coefficient - Heel position - Coated - PU/Glycol	≥	0.24
SRB	Coefficient - Flat position - Steel Floor/Glycol	≥	0.18
	Coefficient - Heel position - Steel Floor/Glycol	≥	0.13



PARTERSHIP



ALSACE S3 SRC VITO1001

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

ARTHAS S3 SRC VITO2001

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

RHONIN S3 SRC VITO1004

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

ARAN S3 SRC VITO2004

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

AEGWYN S3 SRC VITO2013

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

MEDIVH S3 SRC VITO1189

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

LOTHA S3 SRC VITO2205

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

KHADGAR S3 SRC VITO1191

Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 28-13, US 38-14

CLASSIC...

EN ISO 20345:2011 CE

EN ISO 20345:2011 CE

WELDER INDUSTRY

AEDELAS S3 SRC VITO1231



TERENAS S3 SRC VITO2090

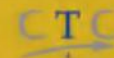


DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA	Coefficient - Flat position - Ceramic Tiles/Glazed Lorry Slipplate	≥ 0.32
	Coefficient - Heel position - Ceramic Tiles/Glazed Lorry Slipplate	≥ 0.28
SRB	Coefficient - Flat position - Steel Floor/Glycerol	≥ 0.18
	Coefficient - Heel position - Steel Floor/Glycerol	≥ 0.13

PARTERSHIP



ANTONIDAS S3 SRC VITO2182R



TURALYON S3 SRC VITO2153





DETERMINATION OF FOOTWEAR SLIP RESISTANCE
ISO 20344:2011

$$SRC = SRA + SRB$$

SRA

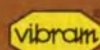
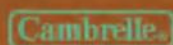
Coefficient - Flat position- Ceramic Tile/Sodium Lauryl Sulphate	IV
Coefficient - Heel position- Ceramic Tile/Sodium Lauryl Sulphate	IV

SRB

Coefficient - Flat position- Steel Floor/Glycerol	IV
Coefficient - Heel position- Steel Floor/Glycerol	IV



PARTERSHIP



PARTERSHIP



RAGE S3 SRC VITO2030



Upper:
Full grain nubuck cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
PU/TPU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 28-13, US 38-14



ANETHERON S3 SRC VITO2136



Upper:
Full grain cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
PU/TPU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 28-13, US 38-14



NEFARIAN S3 SRC VITO1241



Upper:
Smooth cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Rubber cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 28-13, US 38-14



ON GEDDON S3 SRC VITO1242



Upper:
Smooth cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Rubber cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 28-13, US 38-14





TRAINER&HIKER

Breathable mesh gives your feet a cool experience.

High quality lining makes your feet feel a real comfortable.

Light weight makes you barely feel the presence of shoes.

The sole has good wear resistance and also resistant to oil & acid & chemical.

It's essential for training or hiking and the best choice for summer.

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA	Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.32
	Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.28
SRB	Coefficient - Flat position - Steel Floor/Glycol	≥ 0.18
	Coefficient - Heel position - Steel Floor/Glycol	≥ 0.13

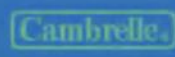
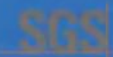
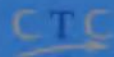
SAURFANG S1P SRC VITO1129



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



PARTERSHIP



MURADIN S1P SRC VITO1100



Upper: Suede cow leather
Lining: Breathable BK mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



TIRION S1P SRC VITO1247



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



BRUTALLUS S1P SRC VITO2294



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



BLOX HIGA S1P SRC VITO2191



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



REND S1P SRC VITO1229



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



AEGWYN S1P SRC VITO1229B



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



UTHER S1P SRC VITO2286



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14



CAIRNE S1P SRC VITO2285



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-46, Uk 2-13, Us 3-14





CHUKKA&QUALITY

With super high quality, these shoes are your partner in various heavy industry working environments.

High quality cow leather upper for optimal protection of your feet.

Comfortable and breathable lining make you feel relax.

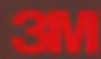
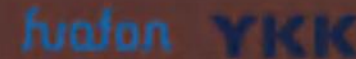
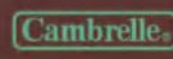
DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA	Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.32
	Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.28
SRB	Coefficient - Flat position - Steel Floor/Glycerol	≥ 0.18
	Coefficient - Heel position - Steel Floor/Glycerol	≥ 0.13



PARTERSHIP



CENARIUS S3 SRC VITO2057



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



DATH'REMAR S3 SRC VITO2236



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



BALNAZZAR S3 SRC VITO2025



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



GALAXUS S3 SRC VITO2266



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



ARYGOS S3 SRC VITO2244



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



HRO > 300°C

EREGOS S3 SRC VITO2293



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



HRO > 300°C

KIL'JAEDEN S3 SRC VITO2005R



Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



HRO > 300°C

AZGALOR S3 SRC VITO2273



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUI/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 28-13, Us 36-14



HRO > 300°C



CHUKKA&QUALITY

Sole with outstanding quality are strongly prevent acid and chemical corrosion. This also increases the life of the shoe. So, if your working environment is **very serious**, then these shoes will be your best choice.

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

$$SRC = SRA + SRB$$

SRA

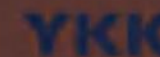
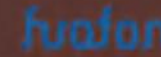
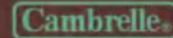
Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.32
Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.28

SRB

Coefficient - Flat position - Steel Floor/Glycol	≥ 0.18
Coefficient - Heel position - Steel Floor/Glycol	≥ 0.13



PARTERSHIP



MALFURION S3 SRC VITO2236



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



ILLIDAN S3 SRC VITO1133



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



NOZDORMU S3 SRC VITO2158



Upper: Full grain nubuck cow leather
Lining: Breathable canberra mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



ALEXSTRASZA S3 SRC VITO2248



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



MALYGOS S3 SRC VITO2180



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/Rubber density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



KALECGOS S3 SRC VITO2235



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/Rubber density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



AZGALOR S3 SRC VITO2184B



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/TPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



KAZ'ROGAL S3 SRC VITO2184



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/TPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14





CHUKKA&QUALITY

With super high quality, these shoes are your partner in various heavy industry working environments. High quality cow leather upper for optimal protection of your feet. Comfortable and breathable lining make you feel relax. Sole with outstanding quality are strongly prevent acid and chemical corrosion. This also increases the life of the shoe. So, if your working environment is very serious, then these shoes will be your best choice.

RAGNAROS S3 SRC VITO2268



Upper: Full grain thumb cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



SULFURON S3 SRC VITO2269



Upper: Full grain thumb cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



FELMYST S3 SRC VITO2168



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



DARION S3 SRC VITO2231



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



HAKKAR S3 SRC VITO2206



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



C'THUN S3 SRC VITO3025



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



ACAMAR S3 SRC VITO2258



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14



ALZHARA S3 SRC VITO2296



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



YSERA S3 SRC VITO2192



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



NELTHARION S3 SRC VITO2194



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/Rubber Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C





WHITE&BLACK

Smooth and waterproof microfiber upper.
The perfect slip resistance of the sole makes you not slip on any occasion, so you can use it with confidence.
White gives you a neat feeling, black resistant dirty.
If you always choose one, why not this?

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

$$SRC = SRA + SRB$$

SRA

Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.32
Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.28

SRB

Coefficient - Flat position - Steel Floor/Glycol	≥ 0.18
Coefficient - Heel position - Steel Floor/Glycol	≥ 0.13

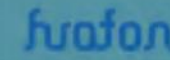
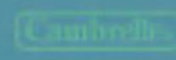
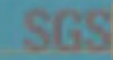
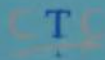


SILP RESISTANT

OIL&ACID RESISTANT

SHOCK ABSORPTION

PARTERSHIP



NAJ'ENTUS S2 SRC VITO1014



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



SUPREMUS S2 SRC VITO1014W



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



MALANDE S2 SRC VITO1012



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



GATHIOS S2 SRC VITO1012W



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



TERON S2 SRC VITO2015



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14



SHAHRAZ S2 SRC VITO2015W



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PU/PU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, UK 2-13, US 3-14





CLASSIC

Classic design with most usual material. Perfect protection against injury to your feet.

Breathable lining makes your feet feel comfortable. Lightweight shoes give you the same experience.

High-end sole are resistant to oil & acid & chemical and SRC sole keep you from slipping.

This classic safety shoe is perfect for any work scene and is your best choice.

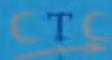
DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

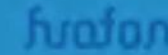
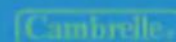
SRA	Coefficient - Flat position - Ceramic Tile/Slippery Laundry Sulfur	≥ 0.32
	Coefficient - Heel position - Ceramic Tile/Slippery Laundry Sulfur	≥ 0.28
SRB	Coefficient - Flat position - Steel Floor/Glycerol	≥ 0.18
	Coefficient - Heel position - Steel Floor/Glycerol	≥ 0.13



PARTERSHIP



TECHNOLOGY



AKAMA S2 SRC VITO1018



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUIPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36#-48# UK 2#-13# Us 3#-14#



KAEL'THAS S3 SRC VITO1215



Upper: Embossed cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUIPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36#-48# UK 2#-13# Us 3#-14#



GURTOGG S2 SRC VITO1018W



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUIPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36#-48# UK 2#-13# Us 3#-14#



VERAS S2 SRC VITO1249



Upper: High quality micro-fiber
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUIPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36#-48# UK 2#-13# Us 3#-14#



TERENAS S1P SRC VITO1157



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: PUIPU Dual density Injection
Feature: Oil&Acid&Chemical resistant
Size: Eu 36#-48# UK 2#-13# Us 3#-14#





LIGHT&COLOR

Fashion and stylish design make these shoes are really hot-selling.

A variety of colors and styles for you to choose from.

Lightweight make you feel extraordinary after wearing them.

If you like sports or you need comfort then don't miss this shoe.

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

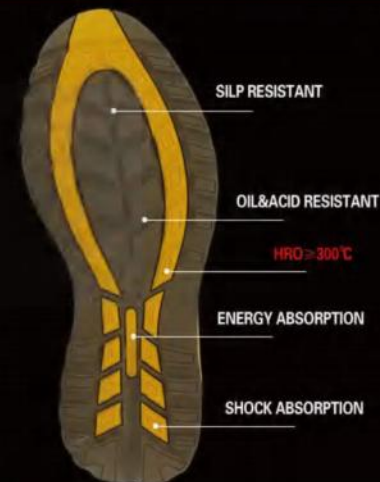
SRC=SRA+SRB

SRA

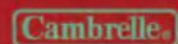
Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.32
Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥ 0.28

SRB

Coefficient - Flat position - Steel Floor/Glycerol	≥ 0.18
Coefficient - Heel position - Steel Floor/Glycerol	≥ 0.13



PARTERSHIP



TYRANDE S1P SRC VITO1243



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



JAINA S1P SRC VITO1248



Upper: Suede cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



M'URU S1P SRC VITO1240



Upper: High quality fly knit mesh
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



SYLVANAS S1P SRC VITO1255



Upper: High quality fly knit mesh+KPU
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



ALZHARA S1P SRC VITO1251



Upper: High quality fly knit mesh
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



DAELIN S1P SRC VITO1254



Upper: High quality fly knit mesh + KPU
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



ELUNE S1P SRC VITO1252



Upper: High quality fly knit mesh
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



VASHJ S1P SRC VITO1253



Upper: High quality fly knit mesh
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Eva/Rubber Cement
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



RENAULT S1P SRC VITO1236



TARETHA S1P SRC VITO1257



MAIEV S1P SRC VITO1107



LUNA S1P SRC VITO1108



ALYTHESS S1P SRC VITO1141



SACROLASH S1P SRC VITO2295



KEL'THUZAD S3 SRC VITO2151



RIVENDALL S3 SRC VITO1140



DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA

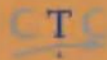
Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥	0.32
Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥	0.28

SRB

Coefficient - Flat position - Steel Floor/Glycerol	≥	0.18
Coefficient - Heel position - Steel Floor/Glycerol	≥	0.13



PARTERSHIP



DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

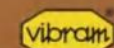
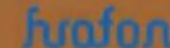
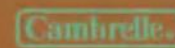
SRC=SRA+SRB

SRA

Coefficient - Flat position - Ceramic Tile/Sodium Lauryl Sulphate	≥	0.32
Coefficient - Heel position - Ceramic Tile/Sodium Lauryl Sulphate	≥	0.28

SRB

Coefficient - Flat position - Steel Floor/Glycerol	≥	0.18
Coefficient - Heel position - Steel Floor/Glycerol	≥	0.13



MOGRAINE S1P SRC VITO3030



Upper:
Suede cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Eva/Rubber Cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



MOGRAY S3 SRC VITO3032



Upper:
Full grain cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Eva/Rubber Cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



ARCHIMONDE S3 SRC VITO3013



Upper:
Embossed cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
PU/Rubber Dual density injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



SARGERAS S3 SRC VITO3047



Upper:
Embossed plain cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
PU/Rubber Dual density injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



MOROS S1P SRC VITO3031



Upper:
Suede cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Eva/Rubber Cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



KIL'JAEDEN S3 SRC VITO3067



Upper:
Embossed palm cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Rubber Cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



RAGNAROS S3 SRC VITO3078



Upper:
Full grain nutuck cow leather
Lining:
Breathable sandwich mesh
Footbed:
Comfortable EVA coated mesh
Outsole:
Eva/Rubber Cement
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14





WINTER WITH FUR

Will winter shoes be too heavy?
The answer is no, this shoe will surprise you.
Both warm and practical.
High quality leather to help you withstand the winter cold
If you want a shoe that has both warmth and other features, then this winter safety shoe is none other than.

DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA

Coefficient - Flat position - Lecane Tactodum Laundry Surface	0.32
Coefficient - Heel position - Cerame Tactodum Laundry Surface	0.28

SRB

Coefficient - Flat position - Steel Floor/Glyceol	0.18
Coefficient - Heel position - Steel Floor/Glyceol	0.13



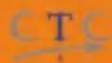
SILP RESISTANT

OIL&ACID RESISTANT

ENERGY ABSORPTION

ARIZONA GROUND

PARTERSHIP



MAGTHER S3 SRC CI VITO3073



Upper:
Embossed cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



TICDIOS S3 SRC CI VITO2237



Upper:
Embossed cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



MAL'GANIS S3 SRC CI VITO3062



Upper:
Embossed cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



DETHERO C S3 SRC CI VITO2013



Upper:
Embossed cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



VARIMAT S3 SRC CI VITO2138



Upper:
Full grain cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



ANETHE S3 SRC CI VITO3064



Upper:
Full grain nubuck cow leather
Lining:
Breathable lamb fur
Footbed:
Comfortable EVA coated fur
Outsole:
PU/PU Dual density Injection
Feature:
Oil&Acid&Chemical resistant
Size:
Eu 36-48, UK 2-13, US 3-14



DETERMINATION OF FOOTWEAR SLIP RESISTANCE ISO 20344:2011

SRC=SRA+SRB

SRA

Coefficient - Flat position- Ceramic Tile/Sodium Lauryl Sulphate	≥	0.32
Coefficient - Heel position- Ceramic Tile/Sodium Lauryl Sulphate	≥	0.28

SRB

Coefficient - Flat position- Steel Floor/Glycerol	≥	0.18
Coefficient - Heel position- Steel Floor/Glycerol	≥	0.13

GOODYEAR

The perfect design and precise workmanship make this shoe stand on the market. High quality pretty upper and comfortable mesh lining. Make wearing shoes a pleasure. Rubber sole for better wear and slip resistance, also better resistant to oil & acid & chemical. It is the perfect shoe for all kinds of environments. Also is your perfect choice.

PARTERSHIP



REXXAR S3 SRC VITO2264



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



GARROSH S3 SRC VITO2251



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



KILROG S3 SRC VITO2270



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



SAURFANG S3 SRC VITO2263



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



DUROTAN S3 SRC VITO2157



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



THRALL S3 SRC VITO1245



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



NEKROS S3 SRC VITO2220



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



NERZHUL S3 SRC VITO3068



Upper: Full grain nubuck cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



OGRIM S3 SRC VITO2257



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



BLACKHAND S3 SRC VITO1041



Upper: Full grain cow leather
Lining: Breathable sandwich mesh
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



GROMM S3 SRC VITO3069



Upper: Full grain nubuck cow leather
Lining: Breathable suede fur
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



GUL'DAN S3 SRC VITO3051



Upper: Full grain nubuck cow leather
Lining: Breathable suede fur
Footbed: Comfortable EVA coated mesh
Outsole: Rubber Goodyear Welted
Feature: Oil&Acid&Chemical resistant
Size: Eu 36-48, Uk 2-13, Us 3-14

HRO ≥ 300°C



VT001 PU/PU & PU/RUBBER C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT002 PU/PU & PU/TPU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT013 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT014 PU/PU C€



Steel toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT015 PU/PU C€



Steel toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT016 PU/PU C€



Steel toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT003 PU/PU & PU/RUBBER C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT004 PU/PU & PU/RUBBER C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT017 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT018 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT019 PU/PU C€



Steel toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT020 PU/PU C€



Steel toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT005 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT006 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT007 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT008 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT021 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT009 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT010 PU/PU C€



Composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT011 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

VT012 PU/PU C€



Steel toecap & composite toecap
Size: Euro 36#-48#, UK 2#-14#, US 3#-15#

22.Abrasion resistance for insoles	Wearing surface shall not develop any holes before 25600 cycles dry
23.Thickness for non-cleated outsoles	Min 6mm
24.Tear strength for outsole	Non-leather outsole: Density: > 0.9 g/cm ³ : Min.8.0kN/m
	Density: ≤ 0.9 g/cm ³ : Min 5.0kN/m
25.Abrasion resistance for outsole	Loss in volume: Density: > 0.9 g/cm ³ Max.150.0mm ³ Density: ≤ 0.9 g/cm ³ and all-rubber and all-polymeric Max. 250 mm ³
26.Flexing resistance for outsole	Non-leather: Cut growth Max. 4.0mm
27.Hydrolysis for outsole	PU OUTSOLE: Cut growth:Max.6.0
28.Interlayer bond strength for outsole	Min.4.0N/mm, if the sole was torn, Min. 3.0N/mm
29.Resistance to fuel oil for outsole	The increase in volume :Max. +12.00% Shrinks by more than 1% or increase in hardness by more than 10shore A hardness A further test shall be taken ,And the cut growth shall be not greater than 6mm
30.Penetration resistance for whole shoe	Min.1100N (metallic plate)
	The tip of the test nail shall not protrude from the test piece(non-metallic plate)
31.Penetration insert flex resistance	No visible signs of cracking after being subjected to 1X 106 flexes
32.Corrosion resistance for penetration resistance metallic insert	There shall be no more than five areas of corrosion, none of which shall exceed 2.5 mm ² in area
33.Penetration resistance metallic insert construction for whole footwear	The penetration resistance insert can not be removed without damaging the footwear. The insert shall not lie above the flange of the toecap and shall not be attached to it.
34.Penetration resistance metallic insert dimensions for whole footwear)	Except heel region: 6.5mmThe distance between the line represented by the feather edge of the last and the edge of the insert : Max. 6.5mm In the heel region: Max.17mm The penetration resistance insert shall have no more than three holes
35.Conductive footwear	Max. 100K ₁
36.Antistatic footwear	Min. 100 kilo-ohms Max.1000 mega-ohms
37.Electrical insulation for whole footwear	no puncture occurs under the potential of 2.5kVrms or 5kVrms of proof test voltage and 5kVrms or 10kVrms withstand test voltage

38.Heat insulation of sole complex for completed footwear	Max. 22 °C temperature increase on the upper surface of the insole and no distortion or embrittlement of the sole the insulation shall be incorporated in the footwear in such a manner
39.Cold insulation of sole complex for completed footwear	Max. 10 °C temperature decrease on the upper surface of the insole the insulation shall be incorporated in the footwear in such a
40.Energy absorption of seat region	Min. 20 Joules
41.Water resistance for completed footwear	The total wetted area inside the footwear shall be not greater than 3cm ² after 80min.
42.Ankle protection	The mean value shall Not exceed 20KN and no single value shall exceed 30KN
43.Water penetration and water absorption for upper	Water absorption: Max. 30.0% after 60 minutes Water penetration: Max. 0.2g after 60 minutes
44.Cleated area for outsole	Specified area shall have cleats which are open to the side. Front cleats area: Min. 0.45L Heel cleats area: Min. 0.25 L
45.Thickness for cleated outsoles	Direct-injected, vulcanized or cemented outsoles, multilayered : Min.4mm All-rubber and all polymeric : d1 Min.3mm d3 Min. 6mm
46.Cleat height for outsole	Direct-injected, vulcanized or cemented outsoles, multilayered : Min.2.5mm All-rubber and all polymeric : Min. 4mm
47.Resistance to hot contact for outsole	Leather: Shall develop no cracks or charring which extend into the corium Rubber & Polymeric: Outsole shall not melt and shall not develop any cracks.
48.Slip resistance	Ceramic Tile/Sodium Lauryl Sulphate(SRA) Heel Part Min 0.28 Flat Contact Min 0.32 Steel Floor/Glycerol(SRB) Heel Part Min 0.13 Flat Contact Min 0.18
49.Detection of Amines in Dyestuff(EN 14362:2003, CEN ISO/TS 17234: 2003)	30 ppm(Max)
50.Penta-Chlorophenol(PCP) DIN 53313	Limit(Max): 5 ppm
51.Chromium (VI) CR(VI)	ND

ASTM Safety/non-safety Toecap Footwear Test Item. Requirement

Test Item	Test Method	Test Requirements (ASTM F2413-11) ASTM F2892-11)
Impact Resistance (I)	(ASTM F2412 -11, I/75, 101.7J)	≥12.7mm ≥11.9mm
Compression resistance (C)	(ASTM F2412 -11, C/75, 11 121N (2500 lbf) 50.0LBS /Sec)	≥12.7mm ≥11.9mm
Metatarsal impact protection (Mt)	(ASTM F2412 -11, Mt 75, 101.7J)	≥25.4mm ≥23.8mm
Conductive properties (Cd)	ASTM F2412 -11	0 ~ 5X10 ⁵ Ω
Electric hazard protection (EH)	ASTM F2412 -11	Without disruptive discharge to ground under the potential Of 18 kV 60 Hz AC for 1 minute, leakage current: ≤ 1.0mA
Static dissipative properties (SD)	ASTM F2412 -11	10 ⁶ ~10 ⁸ Ω
Puncture resistance (PR)	ASTM F2412 -11	> 1200N
Flex resistance to cracking (Puncture resistant device)	CAN/CSA Z195	No signs of de-lamination of layers or cracking after 1.5 million flexes.
Corrosion resistance (Puncture resistant device)	ASTM B117	No sign of corrosion, de-lamination, or deterioration after being exposed to a 5 % salt solution for 24 h

EC-TYPE EXAMINATION IN ACCORDANCE WITH THE ARTICLE 10 OF THE PPE DIRECTIVE(89/686/EEC)

EN ISO 20345:2011	EN ISO 20347:2012
SB:Basic requirement, toe protection above 200 joules	OB:Basic requirement , without toe protection
SBP:SB+ penetration resistant above 1100 newtons	O1:Anti-static, heel energy absorption
S1:SB+ anti-static between 100K to 1000M Ohms	O1P:Anti-static, heel energy absorption + penetration resistant above 1100 newtons
S1P:S1+ penetration resistant above 1100 newtons	O2:O1+water resistant upper leather
S2:S1+ water resistant upper leather	O2P:O1+water resistant upper leather + penetration resistant above 1100 newtons
S3:S2+ penetration resistant above 1100 newtons	O3:O2+ penetration resistant above 1100 newtons
S4:Anti-static, Heel energy absorption, fuel&oil resistant	O4:O2+ fuel & oil resistant
S5:S4+ penetration resistant above 1100 newtons	O5:O4 + fuel & oil resistant penetration resistant above 1100 newtons

EN ISO20345 Requirement

1.Upper/outsole bond strength	Min.4.0N/mm, if the sole was torn, Min. 3.0N/mm
2.Toe protection general	1.The toecap cannot be removed without damaging the footwear
	2.edge covering beneath toecap min.5mm,edge covering behind toecap min.10mm
	3.Scuff resistance coverings shall be not less than 1mm in thickness
3.Impact resistance(min.clearance)	Min.12.5 /13.0 /13.5 /14.0 /14.5 /15.0
	Remark: the toecap shall not develop cracks on the axis
4.Compression resistance(min.clearance)	Min.12.5 /13.0 /13.5 /14.0 /14.5 /15.0
5.Impact resistance after chemical and thermal ageing test of non-metal toecap(min.clearance)	internal: 19.5 /20.0 /20.5 /21.0 /21.5 /22.0 external: 24.5 /25.0 /25.5 /26.0 /26.5 /27.0
6.Corrosion resistance of metal	There shall be no more than three areas of corrosion, none of which shall exceed 2 mm2 in area
7.Tear strength for upper	Leather: Min.120.0N Coated fabric and textile: Min. 60.0 N
8.Flexing resistance	The upper shall withstand not less than 125,000(Rubber) or 150,000(polymeric) of continuous flexes without cracking
9.Water vapour perm. & coefficient for upper	Permeability Min.0.8mg/cm2h Coefficient Min.15.0 mg/cm2
10.pH value for upper	Leather: Min. 3.20;if below 4.00,max. difference 0.7
11.Hydrolysis for upper	No cracking shall occur before 150,000 flex cycles
12.Tear strength for lining	Leather: Min.30.0N Coated Fabric/Textile Min.15.0N
13.Abrasion resistance for lining	Wearing surface shall not develop any holes before 25600 cycles dry
	Wearing surface shall not develop any holes before 51200 cycles dry
14.Water vapour perm. & coeff. for lining	Permeability Min. 2.0mg/cm2h Coefficient Min. 20.0mg/cm2
15.pH value for lining	Leather : Min. 3.20;if below 4.00,max. difference 0.70
16.Tear strength for lining	Leather Min.30.0N Coated Fabric/Textile Min.15.0N
17.pH value for tongue	Leather: Min. 3.20;if below 4.00,max. difference 0.70
18.Thickness for insole	Min.2.0mm
19.pH value for insole	Leather: Min. 3.20;if below 4.00,max. difference 0.70
20.Water absorption &desorption	Min. Water absorption: 70mg/cm2 Water desorption: 80%
21.Abrasion resistance for insoles	Non-leather insole: There shall no more than severe damage before 400 cycles