



**safetoe**  
TOP QUALITY SINCE 1984

Top Quality  
Creative Design  
Amazing Comfort



*Keep Worker in Safe!*

# M-8387 Metatarsal

## Metatarsal Safety Work Boots

Upper : Black Cow Leather & Hard Protector Cover

Lining : Breathable Sandwich Air Mesh

Insole : Superior Memory Foam Insoles

Outsole : PU/Rubber Injection (HRO 300°)

Toecap : Composite Toecap

Penetration : Kevlar Midsole Plate

Thread: Fire-resistant Kelvar Stitching

Size : EU 37-47#, UK 3-13#, US4-14#

CE EN ISO 20345:2022 S3S SR FO HRO & M

Application : Construction, Logistics, Mechanics, Chemical Factory, Metal Smelting, Mining, Welding etc



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ANTI-STATIC



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



WATER  
RESISTANT



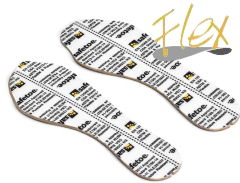
OIL  
RESISTANT



EXTRA  
WIDE

### Composite Toe Cap Protection • AN1-EN12568

It is made with light weight fiber-glass material, which can reach 200 joules from falling or rolling objects. It is stronger and more light than steel toecap.



Flex

### Kevlar Plate Protection • AN1-EN12568

Kevlar midsole plate, is zero-penetration resistant. It can resist 1100 newtons nail puncture from sharp objects. It is stronger and more flexible than steel plate.



### Water Resistant Cow Leather Upper • CE EN ISO 20345:2011

High quality palm printed cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to protect feet from raining workday. Tear strength is required 10% higher than Europe test requirement, to reach longer lifespan.



### Heavy Duty PU/Rubber Outsole • CE EN ISO 20345:2011

The outsole is made with PU/Rubber material. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which can pass 300 °C heat resistant HRO test.

## Sole Bonding Strength Test

- EN ISO 20344:2011, 5.2 (Between Upper & Sole)
- Average Test Result  $5.8 \pm 5$  (N/mm)



### Upper, Lining & Bonding Strength Test Result

|                                   |                        |
|-----------------------------------|------------------------|
| Leather Tear Strength $\geq$      | 120.0 Newtons          |
| Leather Tensile Properties $\geq$ | 15.0 N/mm <sup>2</sup> |
| Lining Tear Strength $\geq$       | 15.0 N/mm              |
| Bonding Strength $\geq$           | 4.0 N/mm               |

| ✓ Protection With Slip Resistant (SRC)   | Result                                     |
|--|--|
| Test Requirement : SRA (Eurotile 2+Nal S) Forward Heel Slip $\geq 0.28$ & Forward Flat Slip: $\geq 0.32$<br>SRB (Steel Floor+Glycerine) Forward Heel Slip $\geq 0.13$ & Forward Flat Slip: $\geq 0.18$ | PASS                                       |
| Standards : EN ISO20344:2011(5.11) , SRC Means both SRA & SRB requirements are fulfilled.  |  |
| ✓ Protection Against Heat Risk & Fire Sparkle 300°C  | Result                                     |
| Test Requirement : The Outsole Did Not Melt & Did Not Develop Any Cracks When Bent Aound Mandrel   | PASS                                       |
| Standards : EN ISO 20344:2011(8.7). 300°C HRO=Heat Resistant   |  |
| ✓ Protection Resistant to Fuel Oil   | Result                                     |
| Test Requirement : Change in Volume and Change in Hardness (Outsole) is No More Than +12%(*)   | PASS                                       |
| Standards : EN ISO 20344:2011(8.6.1)   |  |
| SAFETOE Standard Package Instruction (Average 42# for Reference)   |  |
| Shoes Weight : 1.3-1.4 KGS /Pair   | Carton Weight : 14-15 KGS /Carton          |
| 1 Pair / Color Box , Dimensions : 32×23×12CM   | 10 Pair / Carton , Dimensions : 62×47×33CM |



### User Instructions:

- 1.) RECOMMENDED TO USE : Construction, Logistics, Mechanics, Glasses Installation, Workshop, Oil & Gas, Chemical Factory, Mining, Welding etc.
- 2.) LIMITATION TO USE: It is very important that footwear selected must be suitable for the right workplaces. The protection against risks or hazards which are not mentioned in this document is not warranted.
- 3.) FITTING & SIZE: All footwear are marked with standard size on tongue label. Some are with different size comparison, such as EU size, UK size, US size etc. Please wear footwear in a suitable size.

- 4.) STORAGE: Keep the footwear in its original packaging, under ordinary temperature, non-humidity conditions and in clean, covered and ventilated premises.
- 5.) CLEANING: Clean footwear regularly by high quality cleaning treatments recommended as suitable for the purpose. Don't use caustic or corrosive cleaning agents.