

# M-8027 S3 SR

#### **Heavy Duty Safety Work Boots**

Upper : High Quality Embossed Cow Leather

Lining : Breathable Sandwich Air Mesh

Insole : Soft Hi-polyu Insoles

Outsole : PU/PU Dual Density

Toecap : Steel Toecap

Penetration : Steel Midsole Plate

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

CE EN ISO 20345:2022+A1:2024 S3 SR FO



ASTM E 2149-2020 Approved Anti-microbial Lining & Insole (Odor Resistant) Application : Construction, Logistics, Mechanics, Glasses Installation, Factory Workshop, Garage etc





# Steel Toecap Protection • EN ISO 20345:2022

Stainless Steel Toecap is heavy duty and corrosion resistant. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 1500kN.



# Steel Midsole Plate Protection • EN ISO 20345:2022

Steel midsole plate is flexible and corrosion resistant. The penetration resistance can reach 1100 newtons from nail or other sharp objects. The flex resistance can reach to  $1 \times 10^6$  flexion cycles without visable cracking.



# Water Resistant Cow Leather Upper • EN ISO 20345:2022

High quality embossed cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to keep feet dry from raining workday. The tear strength of upper leather can reach to 120 Newtons.



### Heavy Duty PU/PU Outsole • EN ISO 20345:2022

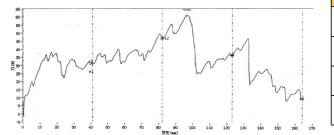
PU/PU double density outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is 65±5 degree hardness PU, which is tough and abrasion resistant.





#### Sole Bonding Strength Test

- EN ISO 20345:2022 (Between Upper & Sole)
- Average Test Result 5.8±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 ≥	4.0 N/mm	

√ Protection With Slip Resistant (SR)		Result	
Test Requirement : Forward Heel Slip ≥0.31 (ISO 13287:2019)		PASS	
Backward Heel Slip ≥0.36 (ISO 13287:2019)			
Standards : EN ISO 20342:2022 (5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate			
√ Protection With Anti-Static		Result	
Test Requirement : Anti-static 100K $\Omega$ -1000M $\Omega$ , Test Voltage: 100±2 V DC, Test Period: 1 Minute		PASS	
Standards : EN ISO 20345:2022 (6.2.2.2) Dry Humility (30±5) & Wet Humility (85±5)			
√ 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 20345:2022 (6.4.2)			
SAFETOE Standard Package Instruction (Average 42# for Reference)			
Shoes Weight : 1.2-1.3 KGS / Pair	Carton Weight : 13-14 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, Factory Workshop, Farming, Garden, Garage 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 comparation, such as EU size, UK size, US size etc. Please wear footwear in a suitable size.

Footwear which are too loose or too tight may not provide optimum level of protection.

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.

