

# M-8552 S3S SR

### Superior Safety Work Boots (Metal Free)

Upper : Full Grain Crazy Horse Cow Nubuck Leather

- Lining : Breathable Sandwich Mesh
- Insole : Super Memory Foam Insoles
- Outsole : PU/Nitrile Rubber Injection (300°C HRO)
- Toecap : Composite Toecap
- Penetration : Kevlar Midsole Plate
- Size : EU 37-47#, UK 3-13#, US4-14#
- CE EN ISO 20345:2022+A1:2024 S3S SR CI HI FO HRO

ASTM E 2149-2020 Approved Anti-microbial Lining & Insole (Odor Resistant) Application : Construction, Logistics, Mechanics, Workshop, Mining, Chemical Factory, Oil & Gas Industry etc





# Composite Toe Cap Protection • EN ISO 20345:2022

Compoiste Toecap is light-weight and non-magnetic. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 1500kN.



# Kevlar Plate Protection (Type PS) • EN ISO 20345:2022

Kevlar midsole plate is flexible and non-metallic. 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 full grain cow nubuck leather with thickness 1.6-1.8mm. It is treated with water resistant coating to protect feet from raining workday. The tear strength of upper leather can reach to 120 Newtons.



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

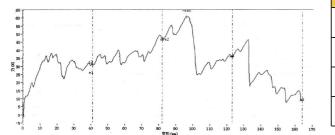
PU/Rubber outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which is abrasion resistant, slip resistant, oil resistant and heat resistant.





#### **Sole Bonding Strength Test**

- EN ISO 20345:2022, 5.3 (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 $\geq$	4.0 N/mm	

√ Protection With Slip Resistant (SR)		Result
Test Requirement : Forward Heel Slip ≥0.31 ( Test methordL ISO 13287:2019) Backward Forepart Slip ≥0.36 ( Test methordL ISO 13287:2019)		PASS
Standards : EN ISO20345:2022(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 (FO)		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 : 32×24×12CM	10 Pair / Carton , Dimensions : 62×49×33CM	





#### **User Instructions:**

1.) RECOMMENDED TO USE : Construction, Logistics, Mechanics, Glasses Installation, Workshop, Farming, Garden, Oil & Gas, Chemical Factory 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.

