# H-9430 Brown Welding S3

## **High Rigger S3 Welding Work Boots**

Upper: High Quality Embossed Cow Leather

Thread: Fire-resistant Kelvar Stitching Lining: Breathable Sandwich Air Mesh

Insole: Soft Hi-polyu Insoles

Outsole: PU/Rubber Injection (300° Heat resistant)

Toecap: Steel Toecap

Penetration: Steel Midsole Plate Size: EU 37-47#, UK 3-13#, US4-14# CE EN ISO 20345:2022 S3 SR CI FO HRO

Application: Welding, Construction, Mechanics, Glasses Installation, Factory Workshop, Garage, Mining etc



















# Steel Toecap Protection • AN1-EN12568

Stainless steel toe cap can reach 200 joules from falling or rolling objects. It is stronger than iron toe cap.



#### Steel Midsole Plate Protection • AN1-EN12568

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



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

High quality embossed 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 20345:2022

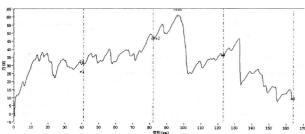
The outsole is made with PU/Rubber material. The midsole is  $45\pm5$  degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which can pass 300 °C heat resistant HRO test.





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

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



Upper, Lining & Bonding Strength Test Result		
Leather Tear Strength ≥	120.0 Newtons	
Leather Tensile Properties ≥	15.0 N/mm <sup>2</sup>	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

√ Protection With Slip Resistant (SR)		Result
Test Requirement : SRA (Eurotile 2+Nal S) Forward Heel Slip ≥0.28 & Forward Flat Slip: ≥0.32  SRB (Steel Floor+Glycerine) Forward Heel Slip ≥0.13 & Forward Flat Slip: ≥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: 1.5-1.6 KGS / Pair	Carton Weight: 16-17 KGS / Carton	
1 Pair / Color Box , Dimensions : 32×30×12CM	10 Pair / Carton , Dimensions : 62×62×33CM	





#### **User Instructions:**

- 1.) RECOMMENDED TO USE: Welding, Construction, 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.

