



L-7163 S3 SR HRO

Heavy Duty Safety Shoes




- Upper : High Quality Water Resistant Cow Leather
- Lining : Breathable Sandwich Air Mesh
- Insole : Soft Hi-polyu Insoles
- Outsole : Rubber Cement Sole (Slip Resistant)
- Toecap : Steel Toecap
- Penetration : Steel Midsole Plate
- Size : EU 37-47#, UK 3-13#, US4-14#
- CE EN ISO 20345:2012 S3 SR HI CI FO HRO
- Application : Construction, Logistics, Mechanics, Workshop, Oil & Gas Industry, Chemical Factory, Mining etc

- 200 JOULE TOECAP
- SLIP-RESISTANT
- SHOCK ABSORPTION
- ANTI-STATIC
- ANTI-NAIL MIDSOLE
- PETROL AND CHEMICAL RESISTANT
- WATER RESISTANT
- OIL RESISTANT



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 20345:2011

High quality cow embossed 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 Rubber Outsole • CE EN ISO 20345:2011

The outsole is made with natural rubber plus 10-15% nitrile. The sides are stitched with kevlar thread, to enhance bond strength between upper & outsole. The rubber material can pass 300°C hot resistant HRO test, and can pass SRC slip-resistant 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 \geq	120.0 Newtons
Leather Tensile Properties \geq	15.0 N/mm ²
Lining Tear Strength \geq	15.0 N/mm
Bonding Strength \geq	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 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 : 1.2-1.3 KGS /Pair	Carton Weight : 13-14 KGS /Carton
1 Pair / Color Box , Dimensions : 32×21×12CM	10 Pair / Carton , Dimensions : 62×43×33CM



User Instructions:

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