

# M-8173 ASTM F2413-18

## Classical Wedge Work Boots (SBP SRC)

Traditional Lace-Up Wedge Work Boots is made with Yellow Cow nubuck Leather and Goodyear Welled Rubber Outsole. It is approved by SGS Lab with USA ASTM F2413-18 Standard.



Upper : High Quality Cow Nubuck Leather

Lining : Breathable Sandwich Air Mesh

Insole : Comfortable EVA Coated Mesh

Outsole : Goodyear Welled Rubber Sole

Toecap : Steel Toecap

Penetration : Steel Midsole Plate

Size : EU 37-48#, UK 3-14#, US4-15#

ASTM F2413-18 M I/75 C/75 PR EH

Application : Construction, Logistics, Mechanics, Glasses Installation, Workshop, Oil & Gas, Chemical Factory etc



200 JOULE  
TOECAP



SLIP-  
RESISTANT



SHOCK  
ABSORPTION



ELECTRIC  
HAZARD 18KV



ANTI-NAIL  
MIDSOLE



PETROL AND  
CHEMICAL  
RESISTANT



WATER  
RESISTANT



OIL  
RESISTANT



### Steel Toecap Protection • AN1-EN12568 & ASTM F2412

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 & ASTM F2412

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.



### Yellow Cow Nubuck Leather Upper • CE EN ISO 20345:2011

High quality cow nubuck Leather with thickness 1.6-1.8mm. It is treated with breathable technology to keep feet from dry during walking all days. 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 by natural rubber with 15-20% nitrile, with traditional goodyear welted technology. The thread is sewn by hands with top quality. The rubber outsole can pass HRO 300°C heat resistant test, and pass SRC slip resistant 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: $\geq 0.32$ 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 Electric Hazard (EH 18KV)	Result
Test Requirement : Test Voltage 18KV, Test Period 1 Minute, Leakage Current $\leq 1.0$ mA	PASS
Standards : ASTM F2412-18a, Clause 9	
✓ 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 : 32×24×12CM	10 Pair / Carton , Dimensions : 62×50×33CM



### User Instructions:

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