

# M-8179 ASTM F2413-18

### **Classical Wedge Work Boots (SBP SRC)**

Traditional Lace-Up Wedge Work Boots is made with Brown Cow nubuck Leather and Goodyear Welted 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 Welted Rubber Sole Toecap : Steel Toecap Penetration : Steel Midsole Plate Size : EU 37-47#, UK 3-13#, US4-14# ASTM F2413-18 M I/75 C/75 PR EH



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





### 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.



**Brown 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

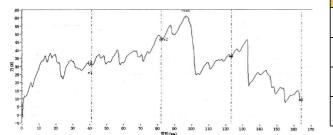
The outsole is made by natural rubber with 15-20% nitrile, with traditional goodyear welted technology. The thread is sewn by hands with top quality. The rubber outsole can pass HRO 300°C heat resistant test, and pass SRC slip resistant test.





### Sole Bonding Strength Test

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



Upper, Lining & Bonding Strength Test Result		
Leather Tear Strength $\geq$	120.0 Newtons	
Leather Tensile Properties $\geq$	15.0 N/mm²	
Lining Tear Strength $\geq$	15.0 N/mm	
Bonding Strength ≥	4.0 N/mm	

√ Protection With Slip Resistant (SRC)		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 ISO 20344:2011 (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 $\leq$ 1.0mA		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 : ENISO 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	Carton Weight : 14-15 KGS /Carton	
1 Pair / Color Box , Dimensions : 32×24×12CM	10 Pair / Carton , Dimensions : 62×50×3	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 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.

