

M-8179 Classcial Wedge

Heavy Duty Steel Toe Safety Shoes

Upper : Full Grain Crazy Horse Cow Nubuck Leather

Lining : BactiVoid™ Sandwich Air Mesh

Insole : Anti-Fatigue Memory Foam Insoles

Outsole : Goodyear Welted Construction

Toecap : VortiGard™ Steel Toecap

Penetration : VortiGard™ Steel Midsole Plate

Size : EU 37-47#, UK 3-13#, US4-14#

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

ASTM E 2149-2020 Approved Anti-bacteria Lining & Insole (Odor Resistant)

Application : Construction & Building, Civil Engineering, Structural Work, Mechanical Work, Maintenance etc



200 JOULE
TOECAP



SLIP-
RESISTANT



SHOCK
ABSORPTION



ANTI-STATIC



ANTI-NAIL
MIDSOLE



PETROL AND
CHEMICAL
RESISTANT



WATER
RESISTANT



OIL
RESISTANT



VortiGard™ Steel Toecap Protection • ASTM F2413-18

Stainless Steel Toecap is heavy duty and corrosion resistant. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 15kN.



VortiGard™ Steel Plate Protection • ASTM F2413-18

Steel midsole plate is flexible and corrosion resistant. The penetration resistance can reach 1100 newtons from nail or other sharp objects. The flex resistance can reach to 1 X 10⁶ flexion cycles without visable cracking.



LeatherQua™ Cow Leather Upper • ASTM F2413-18

High quality smooth cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to keep feet dry from raining workday. The tear strength of upper leather can reach to 120 Newtons.

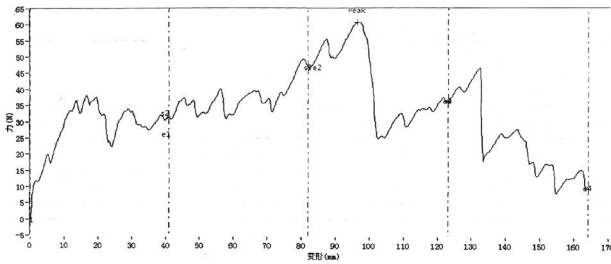


QuantumHold™ Rubber Outsole • ASTM F2413-18

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 outsole is designed to use at oil & gas resistant workplaces. It can pass SR slip-resistant test.

Sole Bonding Strength Test

- EN ISO 20345:2022 (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 : Forward Heel Slip ≥ 0.31 (ISO 13287:2019) Backward Heel Slip ≥ 0.36 (ISO 13287:2019)		PASS
Standards : EN ISO 20342:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate		
✓ Protection Against Heat Risk 300°C		Result
Test Requirement : The Outsole Did Not Melt & Did Not Develop Any Cracks When Bent Around Mandrel		PASS
Standards : EN ISO 20345:2022. 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 20345:2022 (6.4.2)		
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 : 32×23×12CM		10 Pair / Carton , Dimensions : 62×47×33CM



User Instructions:

- 1.) RECOMMENDED TO USE : Construction & Building, Civil Engineering, Structural Work, Mechanical Work, Maintenance 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.

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.