



M-8387WD

Welding Work Boots

Upper : Full Grain Cow Leather + Anti-Sparkle Leather Cover

Thread: Fire-resistant Kelvar Stitching

Lining : BactiVoid™ Beathable Sandwich Mesh

Insole : Anti-fatigue Memory Foam Insoles

Outsole : QuantumHold™ PU/Nitrile Rubber Injection

Toecap : VortiGard™ Composite Toecap

Penetration : VortiGard™ Kevlar Midsole Plate

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

EN ISO 20345:2022+A1:2024 S3S SR FO CI HI HRO

EN ISO 20349-2:2017+A1:2020

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

Application : Welding, Metal Cutting, Smelting, Mining, Construction, Mechanics, Oil & Gas Industry etc



Fire Sparkle Resistant



200 JOULE
TOECAP



SLIP-
RESISTANT



SHOCK
ABSORPTION



ANTI-STATIC



ANTI-NAIL
MIDSOLE



PETROL AND
CHEMICAL
RESISTANT



WATER
RESISTANT



OIL
RESISTANT



VortiGard™ Composite Toe Cap • EN ISO 20345:2022

Compoiste Toecap is light-weight and non-magnetic. The impact resistance can reach 200 joules from falling or rolling objects. The compression resistance can reach 15kN.



VortiGard™ Kevlar Plate Protection • EN ISO 20345:2022

Kevlar midsole plate is flexible and non-metallic. The penetration resistance can reach 1100 newtons from nail or other sharp objects. The flex resistance can reach to 1×10^6 flexion cycles without visable cracking.



LeathQua™ Cow Leather Upper • EN ISO 20345:2022

Full grain palm printed cow leather with thickness 1.6-1.8mm. It is treated with water resistant coating to protect feet from raining workday. The tear strength of upper leather can reach to 120 Newtons.



QuantumHold™ PU/Rubber Outsole • EN ISO 20345:2022

PU/Rubber outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is 45 ± 5 degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which is abrasion resistant, slip resistant, oil resistant and heat resistant 300°C.

Sole Bonding Strength Test

- EN ISO 20345:2022, 5.3 (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 Molten Metal Splashes		Result
Test Requirement : Number of droplets required to produce a temperature rise of 40°C Molten Metal Splashes > 25 drops		PASS
Standards : EN ISO20349-2:2017+A1:2020		
✓ Protection Against Burning Behaviour		Result
Test Requirement : After-flame time $\leq$ 2s & After-glow time $\leq$ 2s & No Split Seams		PASS
Standards : EN ISO20349-2:2017+A1:2020 (7.4), EN 15090:2012 (6.3.3 & 7.3)		
✓ 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(6.4.1). 300°C HRO=Heat Resistant		
SAFETOE Standard Package Instruction (Average 42# for Reference)		
Shoes Weight : 1.4-1.5 KGS /Pair		Carton Weight : 15-16 KGS /Carton
1 Pair / Color Box , Dimensions : 32×24×12CM		10 Pair / Carton , Dimensions : 62×49×33CM



User Instructions:

- 1.) RECOMMENDED TO USE : Welding, Metal Cutting, Smelting, Mining, Construction, Mechanics, Oil & Gas Industry 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.