



LMZ9051088 TimberGuard CS Pro

Chainsaw Work Boots (Class 1)

Upper : Full Grain Smooth Cow Leather

Lining : BactiVoid™ Breathable Sandwich Mesh

Inner: Chainsaw Protection Fabric (20m/s)

Insole : Super Memory Foam Insoles

Outsole : QuantumHold™ PU/Nitrile Rubber

Toecap : VortiGuard™ Steel Toecap

Penetration : VortiGuard™ Kevlar Midsole Plate

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

CE EN ISO 20345:2022 S3 SR & CE EN ISO 17249:2013 Class 1

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

Application : Forest Work, Carpentry, Wood-Cutting, Wood-worker, Logger Worker, Chainsaw Worker etc



200 JOULE
TOECAP



SLIP-
RESISTANT



SHOCK
ABSORPTION



ANTI-STATIC



ANTI-NAIL
MIDSOLE



PETROL AND
CHEMICAL
RESISTANT



WATER
RESISTANT



OIL
RESISTANT



VortiGuard™ Steel Toecap Protection

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.



VortiGuard™ Kevlar Plate Protection

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 visible cracking.



LeatherQua™ Cow Leather Upper

High quality full grain 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™ PU/Rubber Outsole

PU/Rubber outsoles are manufactured 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, chemical resistant and heat resistant.

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 Slip Resistant (SR)	Result
Test Requirement : Forward Heel Slip ≥ 0.31 (Test methordL ISO 13287:2019) Backward Forepart Slip ≥ 0.36 (Test methordL ISO 13287:2019)	PASS
Standards : EN ISO 20345:2022(5.3.5) , Test floor: Ceramic tile, Lubricant: Sodium lauryl sulphate	
✓ Protection With Anti-Static	Result
Test Requirement : Anti-static 100K Ω -1000M Ω , Test Voltage: 100 ± 2 V DC, Test Period: 1 Minute	PASS
Standards : EN ISO 20345:2022 (6.2.2.2) Dry Humility (30 ± 5) & Wet Humility (85 ± 5)	
✓ Protection Resistant to Fuel Oil (FO)	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 : 1.4-1.5 KGS /Pair	Carton Weight : 15-16 KGS /Carton
1 Pair / Color Box , Dimensions : 32 $\times$ 30 $\times$ 12CM	10 Pair / Carton , Dimensions : 62 $\times$ 61 $\times$ 33CM



User Instructions:

- 1.) RECOMMENDED TO USE : Forest Work, Carpentry, Wood-Cutting, Wood-worker, Logger Worker, Chainsaw Worker 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.