

# M-8553 (LadyGuard Pro)

#### Water Resistant Women Work Boots

Upper : Full Grain Cow Nubuck Leather

Lining : Sanvlar-Tex<sup>™</sup> Water Resistant Membrane

Insole : Anti-Fatigue Memory Foam Insoles

Outsole : QuantumHold<sup>™</sup> PU/Nitrile Rubber Injection

Toecap : VortiGard<sup>™</sup> Steel Toecap

Penetration : VortiGard<sup>™</sup> Kevlar Midsole Plate

Size : EU 36-42#, UK 2-8#, US Women 5-11#

CE EN ISO 20345:2022+A1:2024 SB PS FO SR CI HI HRO

ASTM E 2149-2020 Approved Anti-bacterial Lining & Insole (Odor Resistant) Application : Construction, Logistics, Mechanics, Glasses Installation, Workshop, Oil & Gas, Chemical Factory etc





# VortiGard<sup>™</sup> Steel Toecap Protection • EN ISO 20345:2022

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<sup>™</sup> 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  $1 \times 10^6$  flexion cycles without visable cracking.



# LeatherQua<sup>™</sup> Cow Nubuck Leather • EN ISO 20345:2022

High quality full grain 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.



### QuantumHold<sup>™</sup> PU/Rubber Outsole • EN ISO 20345:2022

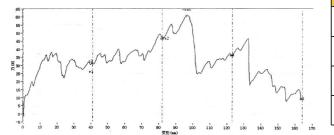
PU/Rubber outsoles are manufacturerd with Germany Fully Automatic Injection Technology. The midsole is 45±5 degree hardness PU, which is soft and shock absorption. The outsole is natural rubber with 5%-10% nitrile, which is slip resistant, oil resistant and abrasion resistant.





### Sole Bonding Strength Test

- EN ISO 20345:2022, 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/mm <sup>2</sup>	
Lining Tear Strength $\geq$	15.0 N/mm	
Bonding Strength $\geq$	4.0 N/mm	

√ 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)		
√ 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 Water Resistant (WR)		Result
Test Requirement : No Water Penetration through Whole Footwear.		PASS
Standards : EN ISO 20345:2022 (6.2.5) Water Level: 20mm above the feather line, Period: 80±5 minutes		
SAFETOE Standard Package Instruction (Average 38# for Reference)		
Shoes Weight : 1.2-1.3 KGS /Pair	Carton Weight : 13-14 KGS / Carton	
1 Pair / Color Box , Dimensions : 30×22×12CM	10 Pair / Carton , Dimensions : 62×45×31CM	





#### **User Instructions:**

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

