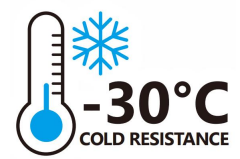**safetoe®**
TOP QUALITY SINCE 1984

Top Quality
Creative Design
Amazing Comfort
★★★★★
Keep Worker in Safe!

H-9552 BK (ThermoGrip Pro)

Cold Resistant & Water Resistant Work Boots

-30°C
COLD RESISTANCE

Upper : Full Grain Smooth Cow Leather

Lining 1 : Water Resistant Sanvlar-tex Membrane

Lining 2: 3M Thinsulate Insulation (-30℃ Cold Resistant)

Insole : Super Memory Foam Insoles

Outsole : Slip Resistant PU/Nitrile Rubber Injection

Toecap : Composite Toecap

Penetration : Kevlar Midsole Plate

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

CE EN ISO 20345:2022+A1:2024 S7S SR CI HI FO HRO

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

Application : Cold Storage, Ice Storage, Frozen Food Processing, Frozen Chain Logistics & Warehouse, Low-temperature Lab, Winter Outdoor Works etc etc

200 JOULE TOECAP	SLIP-RESISTANT	SHOCK ABSORPTION	ANTI-STATIC	ANTI-NAIL MIDSOLE	PETROL AND CHEMICAL RESISTANT	WATER RESISTANT	OIL RESISTANT

Composite Toe Cap Protection • EN ISO 20345:2022

EXTRA WIDE

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 1500kN.

Kevlar Plate Protection (Type PS) • EN ISO 20345:2022

Flex

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.

Water Resistant Cow Leather Upper • EN ISO 20345:2022

High quality full grain smooth 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.
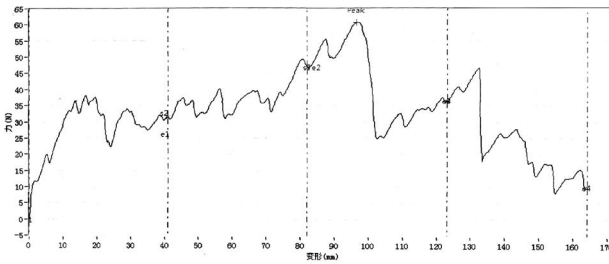
Slip Resistant PU/Rubber Outsole • EN ISO 20345:2022

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 cold resistant, slip resistant and abrasion 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 ≥	120.0 Newtons
Leather Tensile Properties ≥	15.0 N/mm²
Lining Tear Strength ≥	15.0 N/mm
Bonding Strength ≥	4.0 N/mm

√ Protection With Cold Insulation (CI)	Result
Test Requirement : Temperature Decrease on upper surface of insock≤ 10℃	PASS
Standards : EN ISO 20345:2022(6.2.3.2) , Temperature of cold box: -30℃, Period: 30±1 minutes	

√ 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 42# for Reference)	
Shoes Weight : 1.2-1.3 KGS / Pair	Carton Weight : 13-14 KGS / Carton
1 Pair / Color Box , Dimensions : 32×28×12CM	10 Pair / Carton , Dimensions : 62×57×33CM

User Instructions:

1.) RECOMMENDED TO USE : Cold Storage, Ice Storage, Frozen Food Processing, Frozen Chain Logistics & Warehouse, Low-temperature Lab, Winter Outdoor Works etc 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.