

# M-8377 S1P SR

## **Breathable & Light-weight Safety Shoes**

Upper: Yellow Cow Suede Leather Lining: Breathable Sandwich Air Mesh Insole: Super Memory Foam Insoles Outsole: Flexible PU/PU Injection

Toecap: Steel Toecap

Penetration : Steel Midsole Plate Size : EU 37-47#, UK 3-13#, US4-14#

CE EN ISO 20345:2022+A1:2024 S1 PS FO SR

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

Application: Logistics & Warehouse, Express & Delivery, Repair & Maintenance, Factory Workshop, Garage etc







SLIP-RESISTAN



SHOCK ABSORPTI



ANTI-STATIO



ANTI-NA MIDSOL



CHEMICAL RESISTANT



OIL RESISTA



## 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 1500kN.



#### Steel Midsole Plate Protection • EN ISO 20345:2022

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  $1 \times 10^6$  flexion cycles without visable cracking.



## Cow Suede Leather Upper • EN ISO 20345:2022

Cow suede leather is treated with breathable technology to keep feet from dry from long-time standing or walk. The tear strength of upper leather can reach to 120 Newtons.



## Flexible PU/PU Injection Outsole • EN ISO 20345:2022

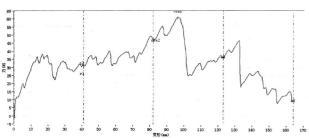
Manufacturerd with Germany Fully Automatic Injection Technology. The outsole is made with PU/PU dual density material. The midsole is  $40\pm5$  degree hardness PU, which is soft and shock absorption. The outsole is  $65\pm5$  degree hardness PU, which is tough and abrasion resistant.





# **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		
Upper Tear Strength ≥	120.0 Newtons	
Upper Tensile Properties ≥	15.0 N/mm <sup>2</sup>	
Lining Tear Strength ≥	15.0 N/mm	
Bonding Strength ≥	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 With Anti-Static		Result
Test Requirement : Anti-static $100K\Omega$ - $1000M\Omega$ , Test Voltage: $100\pm2$ V DC, Test Period: 1 Minute		PASS
Standards: ENISO 20345:2022 Dry Humility (30±5) & Wet Humility (85±5)		
√ 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		
SAFETOE Standard Package Instruction (Average 42# for Reference)		
Shoes Weight: 1.1-1.2 KGS / Pair	Carton Weight : 12-13 KGS / Carton	
1 Pair / Color Box , Dimensions : 32×23×12CM	10 Pair / Carton , Dimensions : 62×47×33CM	







#### **User Instructions:**

- 1.) RECOMMENDED TO USE: Logistics & Warehouse, Express & Delivery, Repair & Maintenance, Factory Workshop, Garage 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.

