



DEFENDER NEW

S7S FO CI AN SC SR

CE EN ISO 20345:2022 S7S FO CI AN SC SR

3U159D

ANKLE SAFETY SHOE

37-49

3ULTRA Difficult Terrains

High safety shoe, WPA back leather thickness 1,8-2,0 mm.
Highly perspiring and abrasion-resistant fabric lining. SoftInternal lining in soft Windtex® water resistant membrane, with very good perspiration and abrasion resistance.
Shoe with refracting fabric insert.
Soft, lined and padded tongue.
TOECAP 200J polymeric composite **non-thermic** according to EN 22568
PS MIDSOLE flexible antiperforation composite fabric according to EN 22568
3ULTRA SOLE three-densities antistatic polyurethane, resistant to hydrolysis ISO 5423:92,
to hydrocarbons and to abrasion, anti-shock and anti-slipping.
ANTITORSION insert in the sole to ensure stability on uneven grounds.
MEMORY INSOLE three-materials extra comfort insole, with soft latex Memory cushion, ensuring no stress in heel zone and resistant to body pressure.
Perspiring, removable, anatomic, absorbing, antistatic and anti-bacterial.
FO sole resistance to hydrocarbons
CI insulating against cold till -17°
SC Overcap resistance to abrasion
WR water resistant shoe
SR sole resistance against slipping
THIS PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE STANDARD ASTM F2413-24:
Impact resistant footwear (I)
Compression resistant footwear (C)
Puncture Resistant Footwear (PR)
Slip Resistance (SRO)

Size 37-49 Weight size 42 gr.630
* The calculated weight excludes laces and insoles.

AREAS OF APPLICATION

-  Cold Environments
-  Construction and Building Sites
-  Logistics and Light Industry
-  Automotive Components
-  Metal and Wood Carpentry

CERTIFICATIONS APPLIED

 WPA	Water Penetration and Absorption (WPA)	 PS	PS Puncture Resistance with Non-Metallic Insert (nail Ø 3.0mm)	 SC	Toe Cap Abrasion Resistance
 ASTM F2413-24	ASTM F2413-24	 E	Heel Energy Absorption	 FO	Hydrocarbon Resistance
 WR	Water-Repellent Footwear	 DGVU 112-191	DGVU 112-191	 Ankle Protection	Ankle Protection

TECHNOLOGIES AND MATERIALS

 NO METAL	No metal	 WINDTEX®	WindTex® Membrane	 HIGH VISIBILITY	High Visibility
 MONDO POINT 11	Mondo Point 11	 CI -17°C	Cold Insulating Outsole	 SR	Slip Resistance (optional glycerin test)
 TRUE LEATHER	Leather	 3PU PATENT	Three to be™ - Triple Density Injection	 ANTI-TORSION	Anti-Torsion Sole

ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

Ceramic tile floor with NaLS	Forward Heel (heel slip 7°)	Backward heel (heel slip 7°)	Ceramic tile floor with glycerin	Forward Heel (heel slip 7°)	Backward heel (heel slip 7°)
	≥ 0.310.40	≥ 0.360.41		≥ 0.190.28	≥ 0.220.28



WindTex® Membrane

The Windtex® membrane is a technology designed to block water and wind. Lightweight and elastic, it provides comfort and protection throughout the workday while maintaining a stable microclimate between the skin and fabric. Thanks to its high breathability, it is ideal for breathable safety shoes that need to prevent overheating and excessive sweating even in winter or during long shifts.



Three to be™ - Triple Density Injection

Three to Be® - Tripla Densità Iniettata technology represents one of the most advanced results of our R&D efforts. Patented by Giasco, it integrates three entirely polyurethane-injected sole layers to optimize safety shoe performance in terms of comfort, stability, and slip resistance.



Anti-Torsion Sole

The Anti Torsion system uses a thermoplastic shank designed to increase stability on irregular and wet surfaces. Unlike standard shanks, it flexes with the foot's natural motion, reducing the risk of twists and falls. Ideal for outdoor work, especially in construction, where surface control is critical.

BULTRA Difficult Terrains

3Ultra has been designed for the use of safety footwear in outdoor and high-risk environments. The outsole features a self-cleaning tread with deep lugs, designed to anchor to the ground and ensure maximum grip on uneven surfaces. The side, with its eye-catching design, includes a front overcap that offers maximum protection from site hazards. Also on the side is the FLEX POINT, a specific groove in the sole that makes it flexible without compromising protection. Another strength of this work shoe is the innovative "anti-vibration" sole concept: a combination of technologies that reduce vibrations from machinery and moving equipment, minimizing physical stress and fatigue. Finally, the PS-certified anti-perforation plate protects the safety shoe from even the smallest and most dangerous nails.

