



QUARTZ S3S FO CI SC SR

3U017G

CE EN ISO 20345:2022 S3S FO CI SC SR

ANKLE SAFETY SHOE

37-49

3ULTRA Difficult Terrains

Ankle boot with side elastic band, IDROTECH® **WPA** oiled grain leather thickness 1,8-2,0 mm.
Perspiring and abrasion resistant lining.
COMPLETELY METAL FREE BOOT
TOECAP 200J polymeric composite non-thermic according to EN 22568
PS MIDSOLE flexible anti-perforation composite 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.
ANTI TORSION insert in the sole to ensure stability on uneven grounds
MEMORY INSOLE, extra comfort trimaterial insole with soft PU Memory foam cushion that relieves fatigue in the heel and resists body pressure. Breathable, removable, anatomical, absorbent, antibacterial, and ESD.
FO sole resistance to hydrocarbons
CI insulating against cold till -17°
SC Overcap resistance to abrasion
SR sole resistance against slipping
Sizes 37-49 **Weight size 42 gr.575**
** The calculated weight excludes laces and insoles.*



AREAS OF APPLICATION

- Farming and Agriculture
- Cold Environments
- Construction and Building Sites
- Hydrocarbons and Chemicals
- Logistics and Light Industry
- Automotive Components

CERTIFICATIONS APPLIED

- Water Penetration and Absorption (WPA)
- PS Puncture Resistance with Non-Metallic Insert (nail Ø 3.0mm)
- Toe Cap Abrasion Resistance
- Heel Energy Absorption
- Hydrocarbon Resistance
- DGUV 112-191

TECHNOLOGIES AND MATERIALS

- No metal
- Metal-Free
- Mondo Point 11
- Cold Insulating Outsole
- Slip Resistance (optional glycerin test)
- Leather
- Three to be™ - Triple Density Injection
- Anti-Torsion Sole

ANTI-SLIP RESULTS

*after simulation of walking by slight abrasion

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



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.

