



**Technical Description
Worksafe GTX S3
3503-01**



General:

The high functional, waterproof and air breathable safety boot has the highest demands on extremely good comfort and fit.

The rubber protection with an extended toe protection, which is located around the boot, amends the side stability and protects the strong upper leather additionally also in extreme terrains.

Technical specifications:

The article Worksafe GTX S3 consists of a one piece front part, tongue upper and bottom part, a piece of hooks and tongue plies. The integrated heel flex zone is arranged in its size and position in a way that when walking back, the upper moves well. The soft padded cuff is done in Nappa leather and offers a soft rand of the upper. To get sufficient support the cuff has got a additional foam. For the production of this shoe only high quality, fully hydrophobic leather can be used.

To get a durable robust shoe, all threads are constructed using Polyamide yarns. In the upper area all stitching lines are double. All stitching lines on the side are triple.

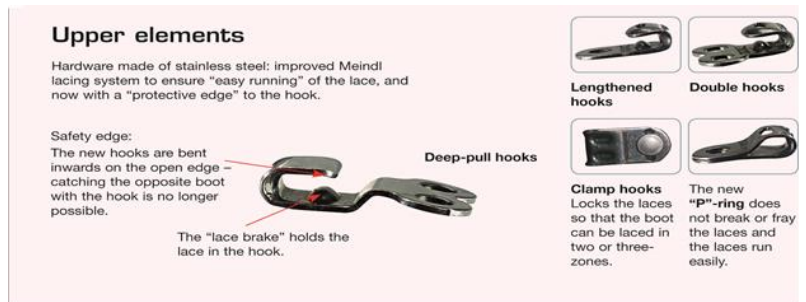
The tongue has to be constructed in the way that it adapts easily to the foot form. For a better aeration of the open constructed foams there are also ventilation wholes in the tongue and cuff area. The tongue has to be constructed in a way that the instep into the boot is easy. The tongue is anatomically preformed so that it adapts quickly to the form of the feet. The tongue flaps goes comfortably to the inside and avoids therefore zones of pressure.

To avoid that the tongue can move, we do have a fixing hook in the middle of the tongue.



The padding has to be chosen in the way that the boot gets a soft rand of the cuff and of the tongue. A soft padding has to be in the front foot area, to get a comfortable feeling in the boots. The heel line is additionally reinforced by a textile foam.

In the front foot area there are used easy 4 pairs of lacing rings. There is used one pair of locking hooks to get the two zones lacing and 2 pairs hooks in the upper area.



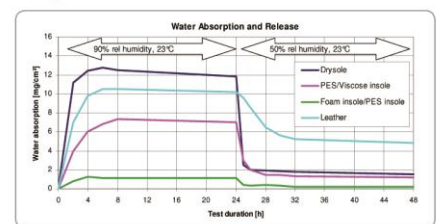
The AGO constructed combat boot is done on a Kevlar insole which with antiperforating protection and the boot has got a fireproof full rubber sole.

An antistatic ergonomic formed foot bed with a high water absorption capacity and excellent fast dry conditions supporting the climate and wear comfort.

Vildona Drysole



Comparison with other materials



Test procedure:

24 hours conditioning @ 90% rel. humidity and 23°C
24 hours drying @ 50% rel. humidity and 23°C
measurement of mass changes due to water absorption drying

Ergebnis:

Vildona Drysole can take up great amounts of moisture yet still dry extremely fast

Changes on models reserved.

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Lukas Meindl GmbH & CO KG
Lukas Meindl Str. 5-9
83417 Kirchanschöring
Germany
DE 1315480003

Executive directors: Lukas and Lars Meindl
Court: Traunstein HRA 1079

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