

Article	GTX39 LOW
Category	S1 PL LG FO SR
Sizes	35 - 48
Width	11
Weight (half pair, sz 42)	550 gr
Metal free	No
Certification	CE

<b>UPPER</b>	perforated suede leather
<b>LINING</b>	extremely breathable polyamide lining. It absorbs moisture quickly and ensures a greater comfort during the whole working day. Optimal resistance to abrasion and anti-bacterial
<b>TOE CAP</b>	Alu-S, aluminium 200J. Ergonomic shape to improve comfort and shoe design. 50% lighter than steel toecaps
<b>ANTI-PERFORATION MIDSOLE</b>	non-magnetic, perforation resistance composite fabric plate. It is 40% lighter and more flexible than steel plate and at the same time guarantees an optimal protection covering 100% of the foot surface. Certified EN 12568:2010
<b>FOOTBED</b>	Memorybed Comfortech, memory foam footbed
<b>SOLE</b>	PU double density with optimal absorption of strains on the vertebral column thanks to the use of soft PU midsole. Ladder Grip approved

MEMORYBED comfortech

**bdry**

ALU-S

**Shield PRO**



**RACER BOOSTER**  
collection

	Requirements EN ISO 20345:2022 + A1:2024	Test Results
<b>UPPER</b>		
Water Vapour Permeability	mg/cmq*h $\geq 0,8$	5,5
Water Vapour Coefficient	mg/cmq $\geq 15$	49,7
<b>LINING</b>		
Water Vapour Permeability	mg/cmq*h $\geq 2$	11,1
Water Vapour Coefficient	mg/cmq $\geq 20$	97,7
<b>TOECAP</b>		
Impact resistance: clearance under the toecap	mm $\geq 14$	16
Compression resistance: clearance under the toecap	mm $\geq 14$	17
<b>ANTI-PERFORATION MIDSOLE</b>		
Penetration resistance (EN ISO 12568:2010)	N $\geq 1100$	$\geq 1100$
<b>ELECTRICAL RESISTANCE</b>		
- wet condition (85% relative humidity)	M $\Omega$ $\geq 0,1$	19
- dry condition (30% relative humidity)	M $\Omega$ $\leq 1000$	364
<b>SOLE</b>		
Abrasion resistance: relative volume loss	mm <sup>3</sup> $\leq 150$	42,5
Flexing resistance: cut growth	mm $\leq 4$	0
Resistance to fuel oil: volume increase	% $\leq 12$	1,7
Energy absorption of seat region	J $\geq 20$	27
Slip resistance on	Condition A $\geq 0,31$	0,54
ceramic tile with sodium lauryl sulphate	Condition B $\geq 0,36$	0,45
Slip resistance on	Condition C $\geq 0,19$	0,28
ceramic tile with glycerine	Condition D $\geq 0,22$	0,25

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