

Article	GTX21 HIGH
Category	S3L LG FO SR
Sizes	35 - 48
Width	11
Weight (half pair, sz 42)	570 gr
Metal free	No
Certification	CE

UPPER	extremely resistant fabric, resistant to abrasion and tears, water-resistant and breathable
LINING	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
TOE CAP	Alu-S, aluminium 200J. Ergonomic shape to improve comfort and shoe design. 50% lighter than steel toecaps
ANTI-PERFORATION MIDSOLE	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
FOOTBED	Memorybed Comfortech, memory foam footbed
SOLE	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



GTX BOOSTER collection

		Requirements		Test Results
		EN ISO 20345:2022	+ A1:2024	
UPPER				
Water Vapour Permeability		mg/cmq*h	≥ 0,8	4,2
Water Vapour Coefficient		mg/cmq	≥ 15	40,1
LINING				
Water Vapour Permeability		mg/cmq*h	≥ 2	11,1
Water Vapour Coefficient		mg/cmq	≥ 20	97,7
TOECAP				
Impact resistance: clearance under the toecap		mm	≥ 14	16
Compression resistance: clearance under the toecap		mm	≥ 14	17
ANTI-PERFORATION MIDSOLE				
Penetration resistance (EN ISO 12568:2010)		N	≥ 1100	≥ 1100
ELECTRICAL RESISTANCE				
- wet condition (85% relative humidity)		MΩ	≥ 0,1	19
- dry condition (30% relative humidity)		MΩ	≤ 1000	364
SOLE				
Abrasion resistance: relative volume loss		mm ³	≤ 150	42,5
Flexing resistance: cut growth		mm	≤ 4	0
Resistance to fuel oil: volume increase		%	≤ 12	1,7
Energy absorption of seat region		J	≥ 20	27
Slip resistance on		Condition A	≥ 0,31	0,54
ceramic tile with sodium lauryl sulphate		Condition B	≥ 0,36	0,45
Slip resistance on		Condition C	≥ 0,19	0,28
ceramic tile with glycerine		Condition D	≥ 0,22	0,25

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