

Article **GTX23 LOW**
Category **S3L LG FO SR**
Sizes **35 - 48**
Width **11**
Weight (half pair, sz 42) **550 gr**
Metal free **No**
Certification **CE**

UPPER	Full grain leather and abrasion resistant leather
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
	EN ISO 20345:2022		Results
UPPER	+ A1:2024		
Water Vapour Permeability	mg/cmq*h	≥ 0,8	5,5
Water Vapour Coefficient	mg/cmq	≥ 15	4,7
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	mm³	≤ 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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